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ANNEXES

ANNEX – 1

The Letter of TEİAŞ

TEIAŞ
GENERAL DIRECTORATE OF
TURKISH ELECTRICITY TRANSMISSION CORPORATION

Department of Research, Planning and Coordination Directorate of Transmission Planning and Coordination

Number: B.15.2. TEİ.0.65.00.03 – 103.01.03
Subject: Eser NGCCPP (*Natural Gas* based *Combined Cycle Power Plant* and Central Anatolia NGCCPP Capacity Increase

Capital: 330 Million YTL

ENERGY MARKET REGULATORY BOARD
(Department of Electricity market)

Ref: a) our Letter dated 31.03.2011 and numbered 2232
b) Your Letter dated 21.06.2011 and numbered 35952
c) Your Letter dated 25.04.2011 and numbered 22431 04.08.2011 * 4689

With our Ref a) Letter, our connection comment of our organization, on the Eser NGCCPP, with an installed power of 389,582 MW, and the Central Anatolia NGCCPP, with an installed power of 420 MW, and the Kırıkkale NGCCPP with an installed power of 1200 MW, of which establishment by Farcan Enerji Üretim A.Ş., İç Anadolu Elektrik Üretim ve Ticaret A.Ş. ve Kızılırmak Elektrik Üretim A.Ş. in Kırıkkale Province has been planned, was advised to your Institution. With your Ref (b) and (c) Letters, you had informed us that there is a installed power increase claim of the companies to 783.4 MW (Farcan Enerji Üretim A.Ş) and to 840 MW (İç Anadolu Doğalgaz Elektrik Üretim A.Ş) and consequently the Connection comment of our Organization, in this contents was asked. As a consequence of the etude study, by also considering of the Kırıkkale NGCCPP with an installed power of 1200 MW of which establishment by Kızılırmak Elektrik Üretim A.Ş. has been planned at the same region, our final connection comment is as follows and thus, our connection comment issued previously by our Ref (a) Letter for the Kırıkkale NGCCPP with an installed power of 1200 MW of which establishment by Kızılırmak Elektrik Üretim A.Ş. has been planned, must be renewed accordingly.

Province	Kırıkkale
Applicant	Farcan Enerji Üretim A.Ş
Name of Plant	Eser NGCCPP
Installed Power	783,4 MW
Connection Manner:	• 380 kV, ~ 25 km + 30 km, 2 x 3 Bundle 1272 MCM (Pheasant) + 3 Bundle 1272 MCM (Pheasant) EİH and Eser NGCCPP – Kayaş TM (Substation) – Gölbaşı TM (Substation) (380 kV, Kayaş TM (Substation) is in the investment program of TEİAŞ) • 380 kV, ~ 8 km, 3 Bundle 1272 MCM (Pheasant) EİH and Eser NGCCPP – Kırıkkale NGCCPP (Kızılırmak Elektrik Üretim A.Ş)

Province	Kırıkkale
Applicant	İç Anadolu Doğalgaz Elektrik Üretim A.Ş
Name of Plant	İç Anadolu NGCCPP
Installed Power	840 MW
Connection Manner:	• 380 kV, ~ 57 km + 3 Bundle 1272 MCM (Pheasant) EİH and İç Anadolu NGCCPP - Gölbaşı TM (Substation) • 380 kV, ~ 23 km + 3 Bundle 1272 MCM (Pheasant) EİH and İç Anadolu NGCCPP - Kırıkkale NGCCPP

Province	Kırıkkale
Applicant	Kızılırmak Elektrik Üretim A.Ş
Name of Plant	Kırıkkale NGCCPP
Installed Power	1200 MW
Connection Manner:	• 380 kV, ~ 60 km, Double Circuit, 3 Bundle 1272 MCM (Pheasant) EİH and Kırıkkale NGCCPP – Bağlum TM (Substation) • 380 kV, ~ 8 km + 3 Bundle 1272 MCM (Pheasant) EİH and Kırıkkale NGCCPP - Eser NGCCPP • 380 kV, ~ 23 km, 3 Bundle 1272 MCM (Pheasant) EİH and Kırıkkale NGCCPP - İçanadolu NGCCPP (İç Anadolu Elektrik Üretim ve Ticaret A.Ş.)

It is required to make switch gear design so as the switchyard control and switchboard control those are to be installed by the Companies should separate one another and the sep up transformers have to be located at the outside of the switch gear. It is required to make the design of 380 kV switch gears those are to be installed are designed according to the standards of our establishment, according to two main bus bars + transfer bus configuration, and to reserve the locations of the spare line feeder of which infrastructures have been prepared as two for each for the Eser NGCCPP and İç Anadolu NGCCPP.

Since the reviews regarding the connection of the power plant are made on the project and map, if their realization is required, that can be decisive in situ examination during the System Usage and the Connection Agreements Phase.

As a requirement of the notification on the Connection to the Transmission and Distribution Systems System Usage in the Electric market, it is required that the Application for System Connection Agreement has to be performed before expiring of construction period that to be inserted to the license.

For your kind information and your action.

(Signature)
Hüseyin ONAY
Deputy of General Manager

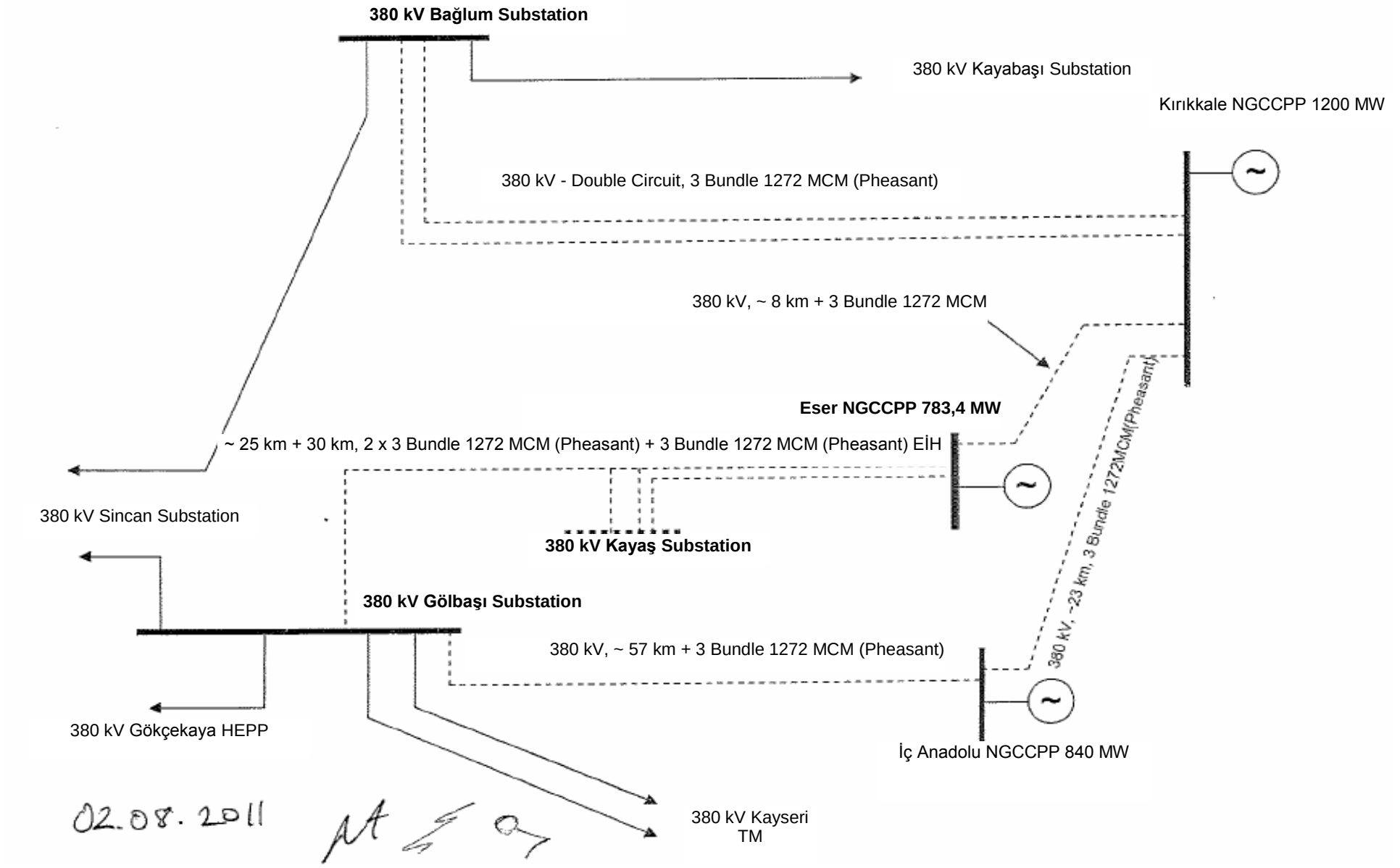
(Signature)
Kemal YILDIR
Chairman of Board of Directors
General Manager

ANNEX: System Connection Diagram

DISTRIBUTION:
To
- EPDK (EMRB)

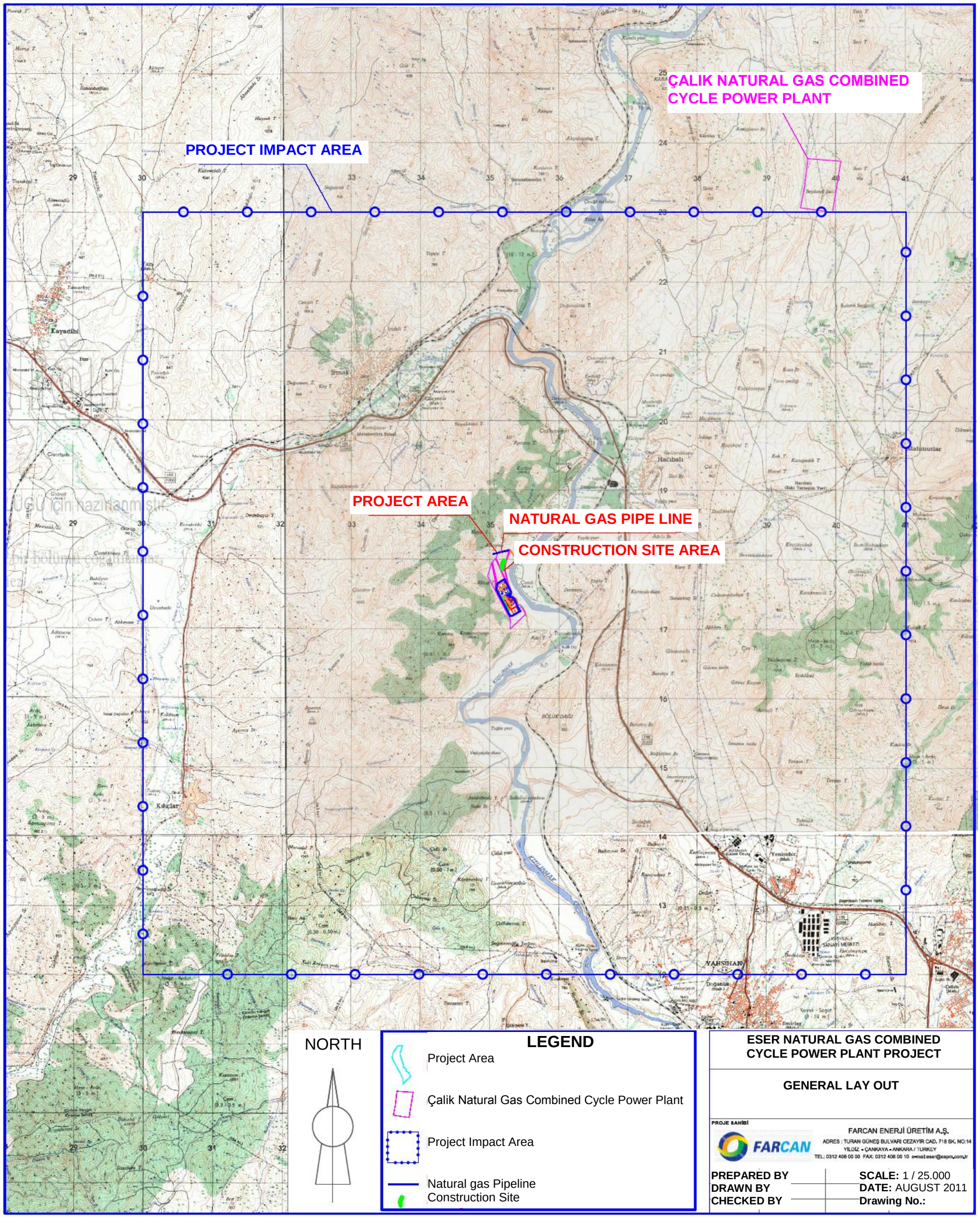
cc (with its Annex)
- YTDB
- İŞİBDB
- MİDB
- General Directorate of Installation and Operation / Ankara

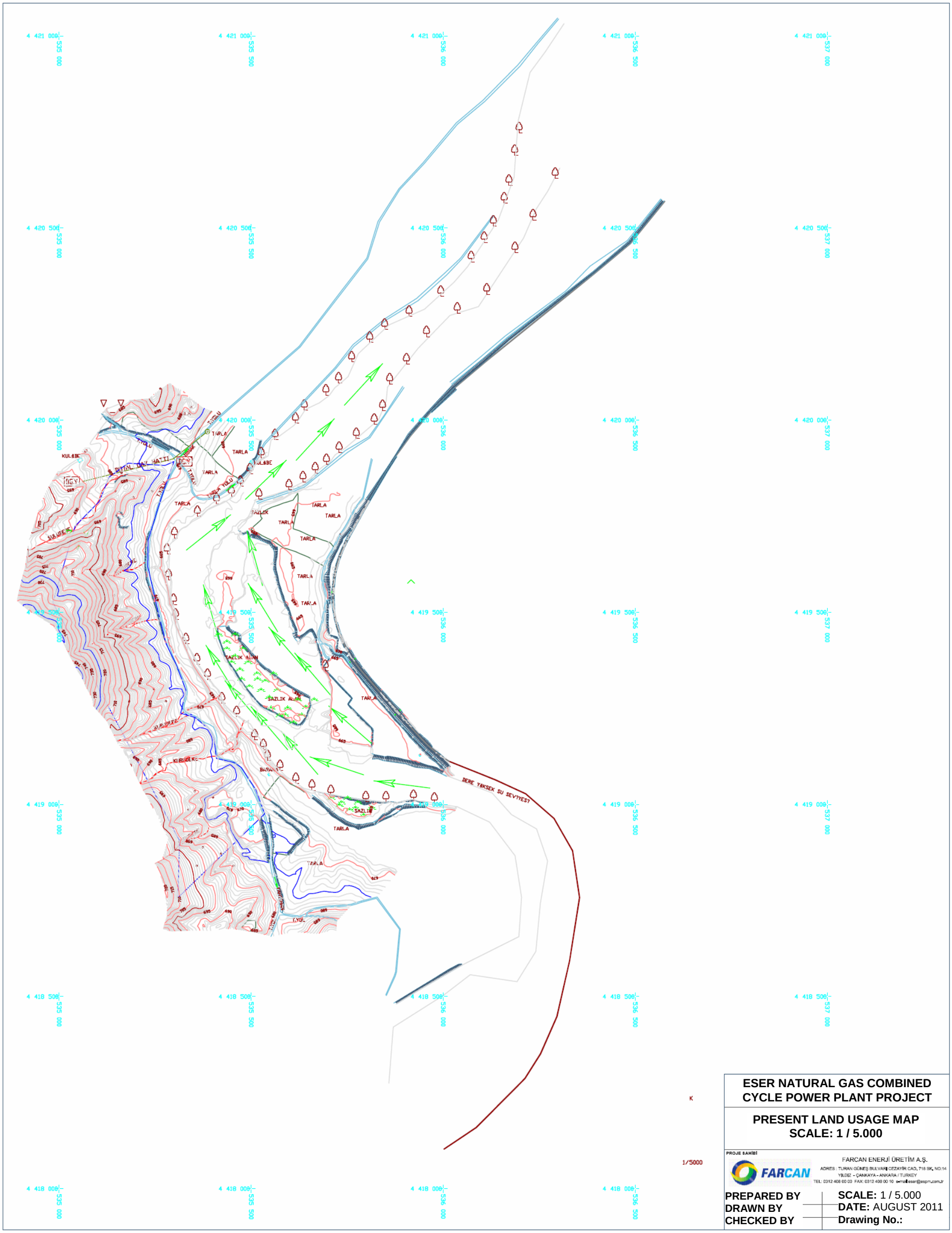
Connection Diagram of Kırıkkale Region's Power Plants



ANNEX – 2

1/25.000 Scale Topographic map & 1 / 5.000 Scale present Land Usage map


ÇALIK NATURAL GAS COMBINED CYCLE POWER PLANT
PROJECT IMPACT AREA
PROJECT AREA
NATURAL GAS PIPE LINE
CONSTRUCTION SITE AREA
NORTH
LEGEND
Project Area
Çalik Natural Gas Combined Cycle Power Plant
Project Impact Area
Natural gas Pipeline
Construction Site
ESER NATURAL GAS COMBINED CYCLE POWER PLANT PROJECT
GENERAL LAY OUT
PROJE SAHİBİ
FARCAN ENERJİ ÜRETİM A.Ş.
ADRES : TURAN GÜNEŞ BULVARI CEZAYİR CAD. 718 SK. NO:14
YILDIZ - ÇANKAYA - ANKARA / TURKEY
TEL: 0312 406 00 00 FAX: 0312 406 00 10 e-mail:eser@espm.com.tr
PREPARED BY
DRAWN BY
CHECKED BY
SCALE: 1 / 25.000
DATE: AUGUST 2011
Drawing No.:



ESER NATURAL GAS COMBINED CYCLE POWER PLANT PROJECT

PRESENT LAND USAGE MAP
SCALE: 1 / 5.000

PROJE SAHİBİ

FARCAN

FARCAN ENERJİ ÜRETİM A.Ş.
ADRES : TURAN GÜNEŞ BULVARI CEZAYİR CAD. 718 SK. NO:14
YILDIZ - ÇANKAYA - ANKARA / TURKEY
TEL: 0312 408 00 00 FAX: 0312 408 00 10 e-mail:eser@espm.com.tr

PREPARED BY	**SCALE:** 1 / 5.000
DRAWN BY	**DATE:** AUGUST 2011
CHECKED BY	**Drawing No.:**

ANNEX – 3

EIA review & Assessment Form and Stand Map

REPUBLIC OF TURKEY
MINISTRY OF FOREST AND HYDRAULIC WORKS
General Directorate of Forest – Regional Directorate of Forest

NUMBER **:** B.18.1. OGM. 1.04.00.03.255.03 [30 - 1179]
SUBJECT **:** Eser Natural Gas Combined Cycle Power Plant

26.07.2011 07596

To: General Directorate of Forest
(Department of Cadastral Property)
ANKARA

Ref: Day of 29.04.2011 and B.18.1. OGM. 0. 07.05. 611.2011 / 60 – 1281 S.T.

Transferring of the EIA Inspection and Assessment Form was requested after by conveying The Project Introduction File for "The Project of Eser Natural Gas Combined Cycle Power Plant", which has been planned for installation by Farcan Enerji Üretim A.Ş, to our Regional Directorate as enclosed with the concerned instruction, and encouraging participation of Public as regard with the said activity.

A set of our Letter of the EIA inspection and Assessment Form that was approved on 26.07.2011, as deemed appropriate by our Directorate and that has been prepared by means of the commission formed by Ankara Forest Operation Directorate with **POSITIVE** comment (FS (Forest Soil), Z is forestry area in stand type) is herewith enclosed.

For your kind information.

Signature
Naci YAMAN
Deputy of Regional Director
On behalf of Regional Director

ANNEXES:
1 – 1 set inspection report

DISTRIBUTION:
1 –General Directorate of Forest
2 – Eser Project
26.04.2011 Sb Eng. Ş. ŞENER

INSPECTION AND ASSESSMENT FORM

Date of Report: 13.07.2011

Province	: KIRIKKALE	Regional Forest Directorate	: Ankara
District	: YAHŞİHAN	Forest Operation Directorate	: Ankara
Village	: IRMAK BELDESİ	Forest Operation chieftaincy	:Kırıkkale
Location	: Kılıçlar Municipality		

1 – Applicant

Name Surname	: Farcan Enerji Üretim A.Ş.
Address	: Turan Güneş Bulvarı Cezayir cad. 718 Sok. No: 14 Yıldız Çankaya / Ankara / Turkey 0 312 408 00 00 pbx

2 – Kind of Operation and its governing Law : Eser Natural Gas based Combined Cycle Power Plant, with 835 MW Power

3 – Serial name : Kırıkkale

4 – Section Numbers : 73, 76

5 – Stand

a) Operation manner:	: -
b) Existing Tree kinds	: juniper, Other leaved trees, scrub plant flora
c) Stand types	: FS (Forest Soil, Z)

6 – The coordinates those area the subject of the EIA Report, available in the documents in the attachment of reference claim letter annex

	1st Point	2nd Point	3rd Point	4th Point
Value to right (Y)	Since those are numerous they are not mentioned here, but enclosed in the Report Annex.			
Value to up (X)				

7 – Forest Restriction and cadastral condition: not performed

General Area of EIA : 23,22 hectare (this area is found as a result of the coordinates in the attachment of the Ref Letter conveyed to digital medium in the documents those have been transferred to our Administration)

a) the area regarded as Forest : 23,22 hectare (whether the requested area is forest or not: since no forest cadastral studies as well as 2 / b surveys have not been done at the place being demanded, the matters set out in the Article 58 of the “Cadastral Instruction” were determined a s a consequence of the inspection carried out within the scope of the “Regulation on Application of Forest Cadastral according to the Forest law no. 6831.”

8 – Area of EIA for which permit is requested: : 23,22 hectare

9 – Objection of the Request : related with EIA

10 – Whether any other application has been made : NA

11 – In the Article 18 of the Forest law no. 6831 for the demanded area: whether there is any area which has been subjected to fire, at the areas reserved for rejuvenation and afforested at dam basins: NA

12 – Whether the demanded area is within seed stand, national Park, game animal , ……. , Tourism area, Special Environment Protection Zone, Forbidden Military Zone and archeological site,
- The applicant should get information from the concerned units as well.

13 - Is there any problem in terms of forestry studies and Forest – Public relations.
- At this stage it is evaluated as there is no problem.

14 – Which measures should be taken in respect to sensitivity degree in terms of forest fires?
- Since there are urban forestry areas at the sites which are the subject of EIA, applicants, contractors are obliged to intervene to forest fires and follow the directives of forest administration.

15 – How forest assets are evaluated,
- There are the assets to be evaluated and those would be assessed within the frame of legislations under the control of the concerning Operation chieftaincy.

Operation, without passing through the power plant phase, provided that permission has to be taken from our Administration prior to commence to any activity in the forestry areas which are inside the areas for which our opinion was asked; For the activities to be carried out at the forestry areas which are demonstrated on the maps enclosed to the Report, our Administration sees no harm for issuance of the EIA Positive certificate.

This “Inspection and Evaluation Form” is drawn up and signed by us together with its annexes thereto. 28.06.2011

Signature	Signature	Signature
Mustafa AKKIZ	Alikan KAYA	Atilla YILMAZ
Deputy Operation Manager	Cadastral Property Chief	Kırıkkale Forest Operation Chief

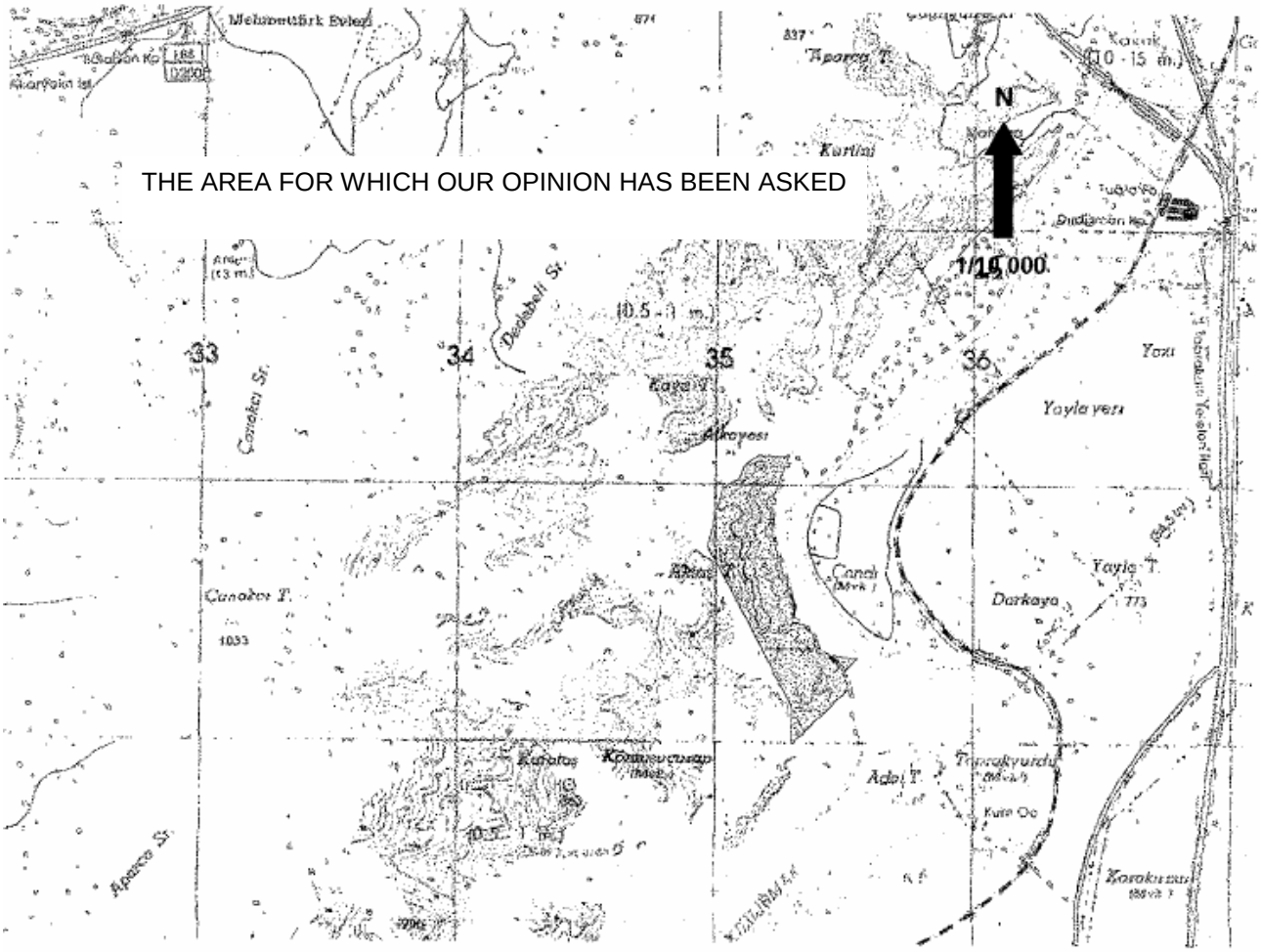
Operation, without passing through the power plant phase, provided that permission has to be taken from our Administration prior to commence to any activity in the forestry areas which are inside the areas for which our opinion was asked; For the activities to be carried out at the forestry areas which are demonstrated on the maps enclosed to the Report, our Administration sees no harm for issuance of the EIA Positive certificate.

Signature
15 / … / 2011
Cemil DEMİRCİ
Operation Manager

Signature
26 / 7 / 2011
Examined
Sahin ŞENER
Deputy of
Cadastral Property Branch Manager

26 / 07 / 2011
CERTIFIED

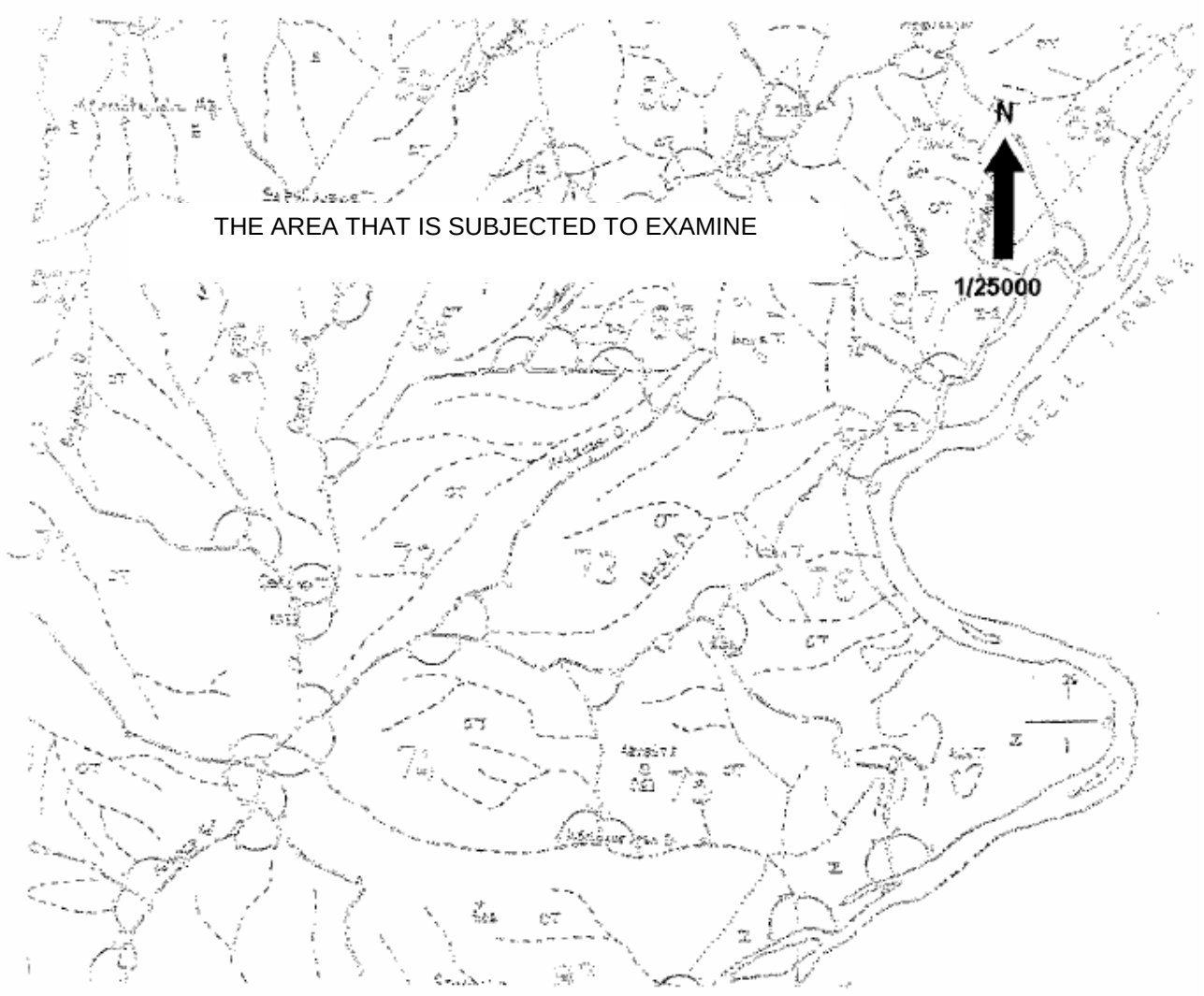
Signature
Sıtkı KÜÇÜKÖZ
Regional Manager



SPECIAL LEGENDS

Forestry area

Signature	Signature	Signature	Signature
CHAIRMAN	MEMBER	MEMBER	MEMBER
Mustafa AKKIZ	Alikan KAYA	Atilla YILMAZ	Abdullah KARAGÖZ
Deputy Operation Manager	Cadastral Property Chief	Forest Operation Chief	Map Cadastral Technician



Signature CHAIRMAN Mustafa AKKIZ Deputy Operation Manager	Signature MEMBER Alikan KAYA Cadastral Property Chief	Signature MEMBER Atilla YILMAZ Forest Operation Chief	Signature MEMBER Abdullah KARAGÖZ Map Cadastral Technician

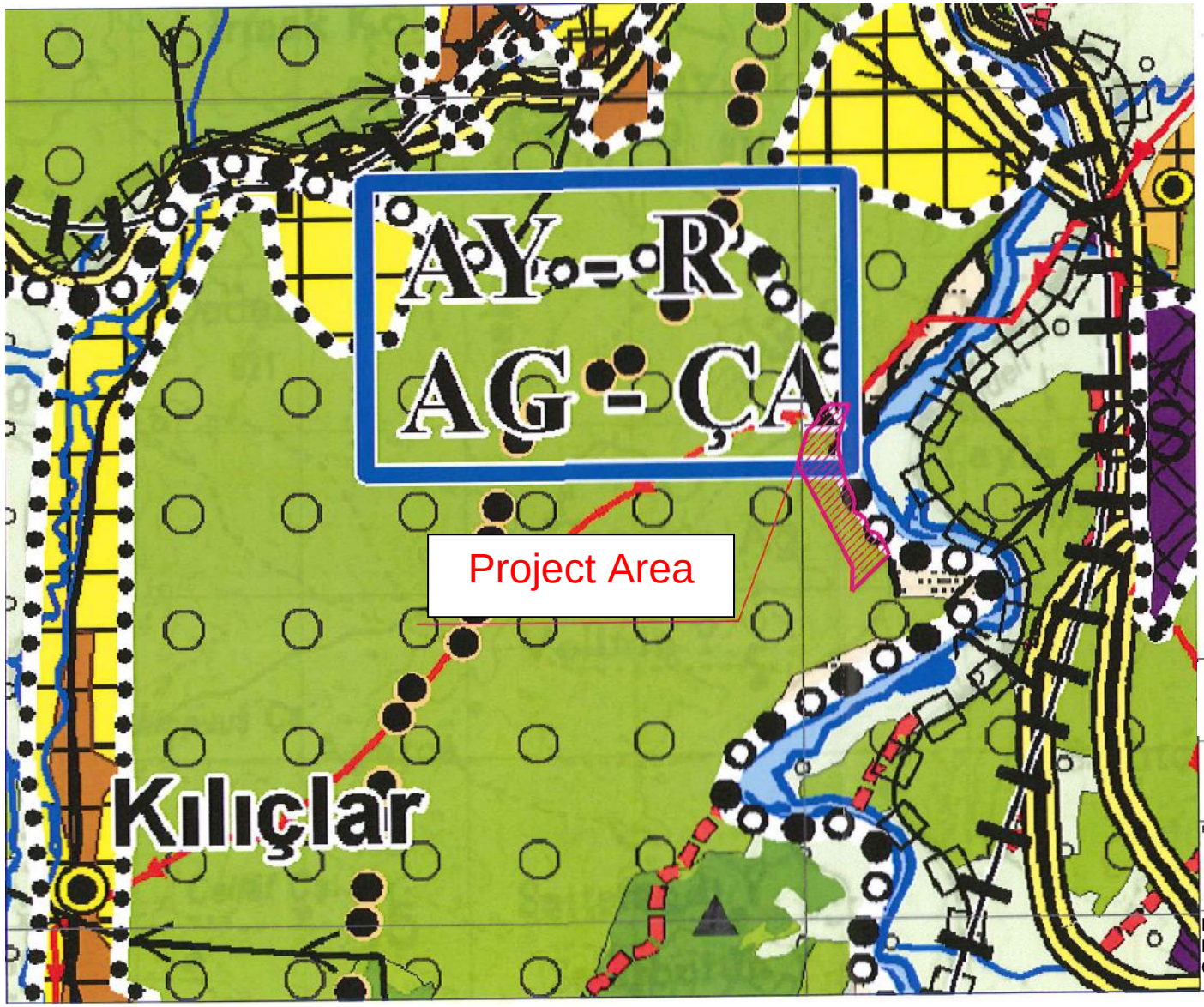
Project Area Coordinates

Coordinate order	:	To right, to up	Coordinate order	:	Latitude, longitude
Datum	:	ED – 50	Datum	:	WGS – 84
Type	:	UTM	Type	:	GEOGRAPHIC
D.O.M.	:	33	D.O.M.	:	—
Zone	:	36	Zone	:	—
scaling factor	:	6 degree	scaling factor	:	—

535261.3924:4418114.1651	39.91072581:33.41221695
535284.9657:4418124.2680	39.91081585:33.41249330
535263.2306:4418063.4297	39.91026862:33.41223572
535242.8524:4418002.7197	39.90972249:33.41199403
535217.8042:4417920.7824	39.90898530:33.41169656
535216.4106:4417851.7497	39.90836340:33.41167654
535246.6471:4417719.5732	39.90717128:33.41202314
535264.1212:4417650.2443	39.90654592:33.41222383
535291.6144:4417593.2402	39.90603119:33.41254239
535315.5763:4417529.9303	39.90545979:33.41281929
535302.2080:4417469.6473	39.90491722:33.41265964
535339.0337:4417459.3058	39.90482251:33.41308989
535380.1473:4417425.0025	39.90451173:33.41356900
535389.4798:4417399.0227	39.90427727:33.41367677
535395.2811:4417351.8556	39.90385207:33.41374208
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535460.3565:4417328.1460	39.90363574:33.41450207
535497.4344:4417270.8897	39.90311833:33.41493271
535520.8740:4417208.0967	39.90255160:33.41520349
535294.7265:4416989.8370	39.90059460:33.41254619
535299.2546:4417139.3372	39.90194136:33.41260724
534969.1660:4417758.1700	39.90753051:33.40877898
535027.3455:4417956.7321	39.90931709:33.40947027
535090.4853:4418020.7135	39.90989093:33.41021240
535115.7425:4418083.8565	39.91045878:33.41051129
535165.4150:4418120.0585	39.91078289:33.41109438

ANNEX – 4

1/100.000 Scale Environment Plan, Plan Report and Plan Provisions



ENVIRONMENT PLAN
WITH SCALE: 1 / 100.000



ESER NATURAL GAS COMBINED CYCLE POWER PLANT PROJECT

ENVIRONMENT PLAN
WITH SCALE: 1 / 25.000

PROJE SAHİBİ
FARCAN
FARCAN ENERJİ ÜRETİM A.Ş.
ADRES : TURAN GÜNEŞ BULVARI CEZAYİR CAD. 718 SK. NO:14
YILDIZ - ÇANKAYA - ANKARA / TURKEY
TEL: 0312 408 00 00 FAX: 0312 408 00 10 e-mail:eser@espm.com.tr

PREPARED BY
DRAWN BY
CHECKED BY

SCALE: 1 / 25.000
DATE: AUGUST 2011
Drawing No.:

KIRIKKALE PROVINCE ENVIRONMENTAL PLAN WITH 1 / 100.000 SCALE

LEGEND

Borders

Administrative borders

Province Border

District Border

Municipality border

Planning Borders

Environment Plan approval border

Border of Approved Urban Development Plans

Private Planning Area

Boundary of sanctuary preservation area

Onanlı İmar Planları Sınırı

Centers of population

Province Centers

District centers

Municipality centers

Village centers

Usage of Land

Built-up area and extension areas

Urban built-up area

Rural built-up area

Urban extension area

Planned areas to be subjected to revision

Working Areas

Industrial Region

Org. Industry Regions

Organized livestock areas

Large and Open Area Utilizations

Large Urban green belts

University Campus Areas

Hospital

Agricultural Areas

Arable lands

Grassland - pastures

Forest & Areas to be afforested

Forest

Area to be afforested

Other land Usage Decisions

Military Area

Mine Extracting Area

Protection areas

Ecological Importance Areas

Plant species under threat

Endemic Plant Species

Areas of which Natural Character to be protected

Maquis Moor Shrub Lands

Rock stony dune areas

Marshy and Swampy Lands

The areas where building of any structure is prohibited

Fault Lines

Disaster areas

Infrastructure

Transportation

Ring road

State Highways

Province roads

Urban roads

Village roads

Railways

High Speed Train route

High Speed Train Stations

Energy and Irrigation

Power Production

Dams – ponds

Refinery

Power Transmission

Energy Transmission Lines

Natural gas Pipeline

Oil Pipe Lines

Water Levels

Rivers

Crooks

Water, Sewage, Garbage

MKE destroy plant

Waste Storage Plant

KA Treatment Plan

KIRIKKALE PROVINCE ENVIRONMENTAL PLAN WITH 1 / 100.000 SCALE

Economic Development Decisions

Sectors
H Service Sector

S Industry Sector

T Agricultural Sector

Supportive Strategic Investment

AY Technical Infrastructure Investments

TR Tourism Investments

R Recreational Investments

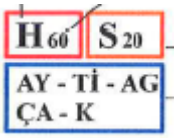
Tİ Agricultural Improvement

AG Forestation

ÇA Environment Research and Protection

K Housing Estate

Primary sector Sectoral ratio



Secondary Sector

Supportive Strategic Investment

T.R.
KIRIKKALE GOVERNORSHIP
PROVINCE ENVIRONMENT AND FOREST DIRECTORATE

Contractor: **HAT Coğrafi Bilgi Sistemleri ve Ticaret A.Ş.**

SCALE: 1 / 100.000

It is required that 1 / 1000 sub province plans and urban design and protection projects have to be prepared at the …… places.

Recommended for this ÖPA area is to constitute to program areas comprise of priority working frame, tourism and recreational activities. The 1 / 25.000 scale plan that has to be handled in the sub region phase is the most appropriate mean to develop these sub program areas throughout the valley. Upon determination of activity in sectoral sense and / investment / program areas, lower scaled planning and project designing studies, at the required points, can be utilized.

3.5. MAIN SERVICE SECTORS:

Within data collection format of the TUİK (Turkish Statistics Institute) oriented to define the general characteristics of settlements, from economical and demographic standpoint, the analysis and assessments, which were carried out at the basis of provincial-wide and county seat have been used. In this format four main sectors are specified. The assessments and definitions of the plan in the sense of economic development is defined according to the level of development of settlements in this sector.

[H] SERVICE SECTOR

[S] INDUSTRY SECTOR

[T] AGRICULTURAL SECTOR

[İ] BUILDING SECTOR

On the Plan, sectoral and functional definitions of which projections have been made are marked on the Plan Drawings. The signs and values regarding primary and secondary sectors are given on the Tables and explanations are made with their symbols used.

3.6 SUPPORTIVE STRATEGICAL INVESTMENTS

True Copy

Signature
Adem CEVİZOĞLU
Deputy Director of
Public works and Town Imp.

By setting out from official data, priority strategic investment areas those have to be implemented, are also defined, within the Planning projection year, in the direction of putting the plan decisions into practice at the base of district and cities except the main sectors where the characteristic structure of settlement have been defined. These investment areas, which might have a full range of contents, are collected under the same title indicated below. It is possible to handle and detail the contents as program areas by state institutions and organizations and local administrations those carry on business.

AY INFRASTRUCTURE INVESTMENTS DIRECTED TO ALL KINDS OF SECTOR

This denotes all kinds of physical infrastructure investments (road, water, electriCİTY, sewerage, treatment, etc.) that would allow raising urban life and environment standards. Those are the investment areas where the state institutions and organizations and local administrations, which carry on business within this framework in province –wide, centre upon.

TR TOURISM INVESTMENTS

This denotes that, especially within sustainable tourism concept, it is required to encourage tourism investments concordant with environment values and potentials of province and to constitute program areas. In provincial-wide, in addition to Cultural activity and organizations, it is required to handle them in ÖPAs.

R INVESTMENTS DIRECTED TO OPEN – CLOSED RECREATIONAL USAGES

This denotes the usages & programs to which priority have to be given and the investments directed to program areas at the points having potential (plateaus, recreation spots, forest areas etc.) by local administrations.

AG INVESTMENTS OF EROSION CONTROL AND AFFORESTATION

The threat areas, within this framework of the province that has little & weak forest areas predominate. Those are the investment issues have to be remained on the agenda at almost each region of the province, budgeted and appropriated as well.

ÇA INVESTMENTS AIMED AT ENVIRONMENT PROTECTION AND RESEARCH

This denotes that it is required to develop detailed and continual programs directed to the protection of essential areas in terms of environment values and budgeting by the concerning administrations.

True Copy

Adem CEVİZOĞLU
Deputy Director of
Public works and Town Imp.

K COLLECTIVE HOUSING INVESTMENTS DIRECTED TO ORGANIZED HABITATION

This denotes that it is required to implement organized housing studies at the areas being under development pressure oriented to regular structuring and settlement of employment.

Tİ ALL KINDS OF INVESTMENT ORIENTED TO AGRICULTURAL IMPROVEMENT

This denotes the intensively continuance of the programs and investments oriented to the development of the province of which large part is formed from agricultural areas, in sectoral basis.

The main sectors took part in plan and the supportive investments are given below at the basis of habitations.

TABLE 4 – MAIN SECTOR AND SUPPORTIVE INVESTMENTS AT SETTLEMENTS

	TYPE	SETTLEMENT	1ST SECTOR	2ND SECTOR	SUPPORTIVE STRATEGICAL INVESTMENTS
1	DISTRICT	CENTER	H	S	AY – ÇA - K
2	DISTRICT	BAHŞILI	H	S	AY – TR – R – Tİ – ÇA - K
3	DISTRICT	BALLIŞEYH	H	T	AY –Tİ - ÇA
4	DISTRICT	ÇELEBİ	T	H	AY –Tİ
5	DISTRICT	DELİCE	H	T	AY – TR – R – Tİ – AG - ÇA
6	DISTRICT	KARAKEÇİLİ	H	T	AY – TR – Tİ – AG - ÇA
7	DISTRICT	KESKİN	H	S	AY –Tİ - AG – ÇA - K
8	DISTRICT	SULAKYURT	T	H	AY –Tİ – AG - ÇA
9	DISTRICT	YAHŞIYAN	H	S	AY – TR – R – K
10	TOWN	AHİLİ			AY –Tİ
11	TOWN	A. MAHMUTLAR			AY –Tİ - AG
12	TOWN	ÇULLU			AY –Tİ – AG - K
13	TOWN	HACILAR			AY –TR – R – Tİ – - AG – ÇA

True Copy

Signature
Adem CEVİZOĞLU
Deputy Director of
Public works and Town Imp.

14	TOWN	HASANDEDE			AY – TR – Tİ - ÇA
15	TOWN	K. AHMETLİ			AY – TR – R – Tİ – AG - ÇA
16	TOWN	KOÇUBABA			AY –Tİ - AG
17	TOWN	KULAKSIZ			AY –Tİ - AG
18	TOWN	B.AVŞAR			AY –Tİ - AG
19	TOWN	B. YAĞLI			AY –Tİ - AG
20	TOWN	ÇERİKLİ			AY – TR – R – Tİ – AG – ÇA - K
21	TOWN	Ç. MÜMİNLİ			AY –Tİ - AG
22	TOWN	KONUR			AY –Tİ - AG
23	TOWN	KÖPRÜKÖY			AY – TR – R – AG – ÇA
24	TOWN	GÜZELYURT			AY –Tİ - AG
25	TOWN	HAMZALI			AY –R – Tİ - AG
26	TOWN	IRMAK			AY –R – AG - ÇA
27	TOWN	KILIÇLAR			AY –TR – R - AG – ÇA

3.7. MANAGEMENT AND ORGANIZATION:

The priority strategic areas for investment, which have to be done with the main sectors in the direction coming to realize in planning projection year take place above of the decisions in the base of districts and towns, are defined. Again, the supportive investment areas having same titles and must have a wide range of contents should be detailed by concerned administrations.

Before all else, the Kırıkkale Province Environmental Plan With 1 / 100.000 Scale designates the framework in which related institutions (special provincial administration, Municipalities) would be therein, intended for structuring / public works activities. The said administrations are obliged, at the domain they have to carry out, within the scope of the Environmental Plan with 1 / 100.000 Scale, to complete or to subject to revision of the sub scaled (with 1 / 25 000, 1 / 5000 and 1 / 1000 scale) planning and application studies which would pave the way for legal structuring, within the Turkish Development Law No. 3194 and concerning other legislation.

True Copy

Signature
Adem CEVİZOĞLU
Deputy Director of
Public works and Town Imp.

3.8 PLAN PROVISIONS

1. OBJECTIVE

The objective and planning aims of the Environmental Plan with 1 / 100.000 Scale prepared for Kırıkkale Province;

1. To provide land usage balances at the area stays within the Planning Borders in the direction of the strategic Plan Decisions and planning decisions based on this plan; to realize bringing the areas, which has investment potential such as industry, tourism, etc into use schemingly.
2. To create sustainable and livable environments, by taking natural, ecological, environmental, cultural, historical and urban values into considerations.
3. At the planning area; City – Environment – Human living quality; To ensure getting necessary measurements for the intention to develop Village - Environment – Human living quality triplications; to keep protection - usage balances.
4. At the planning areas; depending on the data of population and socio – economical data of 2030 plan target year; Technical Urban and Rural infrastructure, Social Infrastructure, Agricultural improvement, Tourism – Recreation, to constitute healthy land utilization and living conditions in pursuant of housing supply development strategies.
5. For the intention to lend impetus to the economical structure of the province and provide input; at the Kızılırmak and Delice valleys; to underlie project production and develop land utilization decision to ensure its performance so as to meet recreation necessity to put them into service for the users inside or outside of province.
6. Prevention of environmental pollution; protection of Natural and Ecological Living; Protection of Archeological History and cultural inheritance; protection of absolute Agricultural Areas; to take improving measures at agricultural areas for increasing productivity; to develop viniculture - building or selling greenhouses – fruit production; to encourage agricultural planting trees (walnut, almond, cherry, etc.); protection of forest areas; to prepare necessary Legal and Administrative ground to increase Forest entity by forming new forestation areas.
7. To ensure protection of underground and ground sources and productive usage of water as well.
8. To underlie planning resolutions, which serve as basis to physical plans those would be prepared at subscales.

2. SCOPE

Planning Area; covers all Province Area within the boundaries of Kırıkkale Province that was established by the Law no. 3578, dated 15 / 06 / 1989.

3. PRINCIPLES

3.1 PROTECTION PRINCIPLES

3.1.1 All natural and cultural values exist at Planning Area.

True Copy

Signature
Adem CEVİZOĞLU
Deputy Director of
Public works and Town Imp.

4.17. **Agricultural Plant**: are the plants not integrated with the integrated ones where agricultural products are processed and manufactured thereafter by changing their physical properties, without treated.

4.18. **Agricultural Structures**: are infrastructure oriented to soil protection and irrigation, non-integrated animal husbandry , (fattening) and water production and maintaining plants and outbuildings, dairy farms (dairy), those are required to be necessarily established, depots in sufficient size and volume, to be needed by the producer, for his / her product he / she has achieved depending on his / her plant production, flour mill, shelters and farm workshops, green houses used for maintaining of agricultural equipment and machinery, the plants for the special products of which quality and nutritional value would possibly lost, being produced in agricultural enterprise, unless those are being processed within two hours after harvest, owing to the produced product's property and other plants which are non – integrated but the Ministry Of Agriculture And Rural Affairs accepts that those are agricultural plants. The non – integrated cold storage depots are within this scope.

4.19. **Pasture Areas**: The areas determined / to be determined according to the Pasture law no.5178 / 4342.

4.20. **Forest Areas**: The areas determined / to be determined according to the Forest Law No.6831 / 3373 by the Ministry Of Environment And Forestry.

4.21. **Maquis moor shrub lands**: are the areas recommended to protect natural vegetation of the region and vegetation structure as complete.

4.22. **Large Urban Greenbelts:** are the areas designed for meeting to satisfy entertainment and recreation requirements of people, sitting and eating & cooking drinking fountain, play ground and sport facilities, rings arranged as open, but can also have semi closed spaces, oriented to satisfy one-day commercial necessities of people, and the areas covered with green vegetation.

4.23. **Plateaus**: the plateaus are the rangelands allocated for and used by farmers, immemorially to spend summer season with their animals, and to take advantage of pastures thereof.

4.24. **Military Zone**: The areas where military facilities exist, within the scope of the law no: 2565 and have a place in country defense.

4.25. **Mining Plants, Provisional Plants, Mining Areas and Pits:** denotes the mines, subjected to the provisions of the Mining Law and concerned regulation and defined by grouping, the mining operation plants, provisional plants, the Mining Areas and Pits.

4.26. **The Areas of which natural Character would be Protected:** are the areas of which present usage is perpetuated due to the properties they have (rocky, stony place, swamp, reed bed, sand dunes, sands, beaches, etc.).

True Copy

Signature
Adem CEVİZOĞLU
Deputy Director of
Public works and Town Imp.

ANNEX – 5

Comment of Kırıkkale Province Special Provincial Administration – Public improvement and Urban Improving Directorate Institution

T.R.
KIRIKKALE PROVINCE SPECIAL PROVINCIAL ADMINISTRATION
– Public improvement
And urban Improving Directorate

Number: M. 71. O.İOİ.O 13.00.00 – 754 - / 5372 – 5427 23 / 12 / 2010

Subject : Landscaping Plan

TO FARCAN ENERJİ ÜRETİM ANONİM ŞİRKETİ
Turan Güneş Bul. Cezayir Cad.
718 Sok. No: 14
Çankaya / ANKARA

Ref. : The petition of Farcan Enerji Üretim A.Ş. dated 22.13.2010

It is understood from your Reference petition that the comment of our Administration is requested according to the provisions of the Landscaping Plan at the area where the Natural gas Combined Cycle Plant is set up on the real property, within the boundaries of our Province, Yahşihan District, Kılıçlar Town, under the property of the Treasury, on 103 island, 6 parcel, 523.212 m^2.

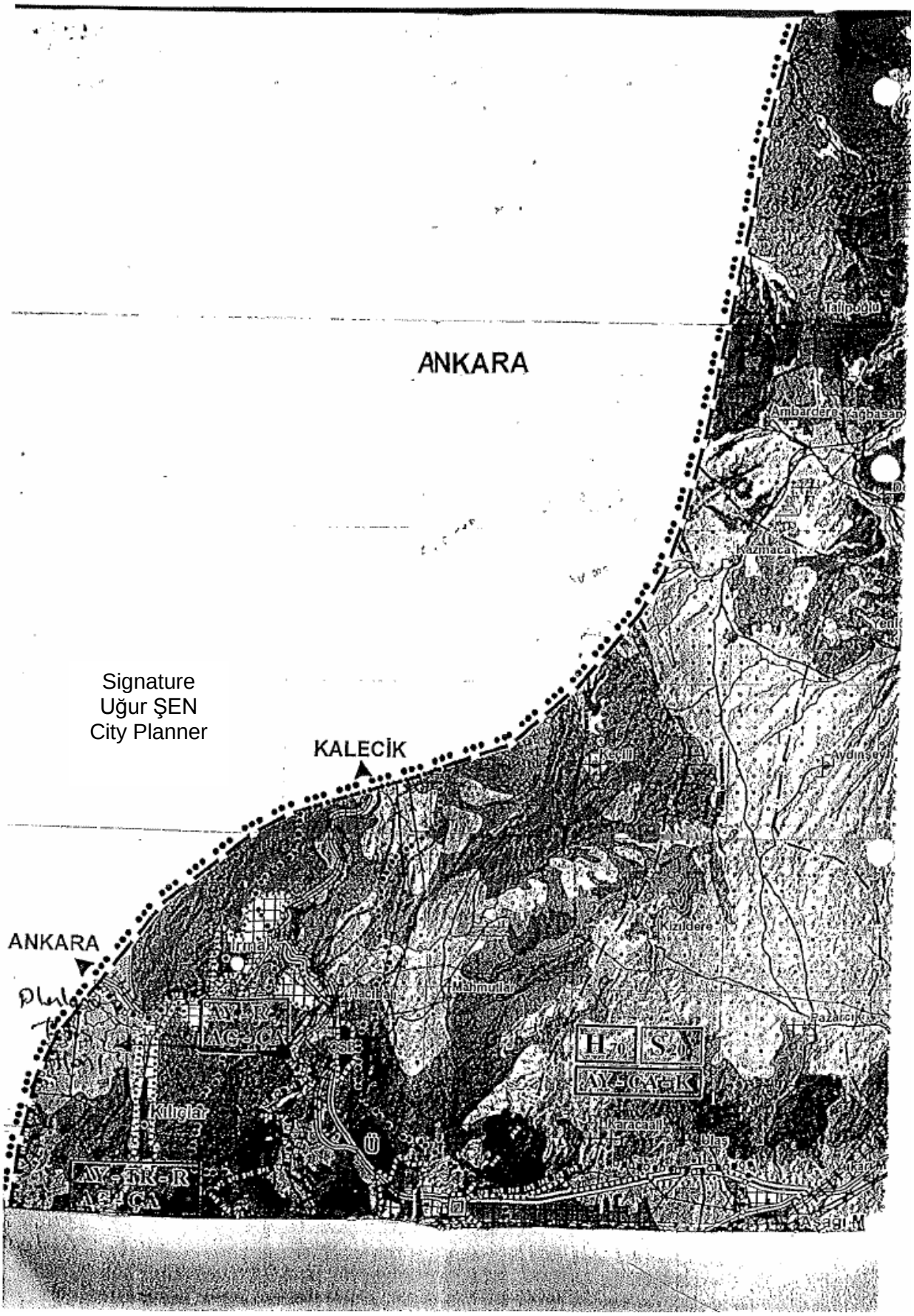
The said area is within the Grass and Pasture on the Kırıkkale Landscaping Plan and there is the provision of "At these areas, application within the Pasture Law No. 5178 / 4342" under the section with the title of 8.19 Pasture areas of the provisions of Landscaping Plan will be made.

Therefore, for our Administration that is not unfavorable, provided that to respect to the provisions of Landscaping, related law and regulations and to get required permissions from the concerned Institutions.

I request that the necessary action be taken.

Signature
Selahattin KAYMAZ
Assistant of General Secretary

ANNEXES:
1 – Sample of Landscaping Plan (1page)


ANKARA
KALECİK
ANKARA
Signature
Uğur ŞEN
City Planner
Talipoğlu
Ambardere
Yağbasan
Kazmaca
Aydınşeyh
Kızıldere
Mahmutlar
Kılıçlar
Karacaali
Ulaş
H70
S20
AY5CA5K

ANNEX – 6

Kılıçlar Municipality - Comment of Institution for Public Improvement

T.R.

KIRIKKALE PROVINCE
YAHŞİHAN DISTRICT
MAYORALTY OF KILIÇLAR

Number: M.71.8. KIL. 0.10 / 549 04 / 07 / 2011
Subject:

ESER PROJE VE MÜHENDİSLİK A. Ş.

REF: Your Letter dated 30.06.2011 and numbered 1243 / 11

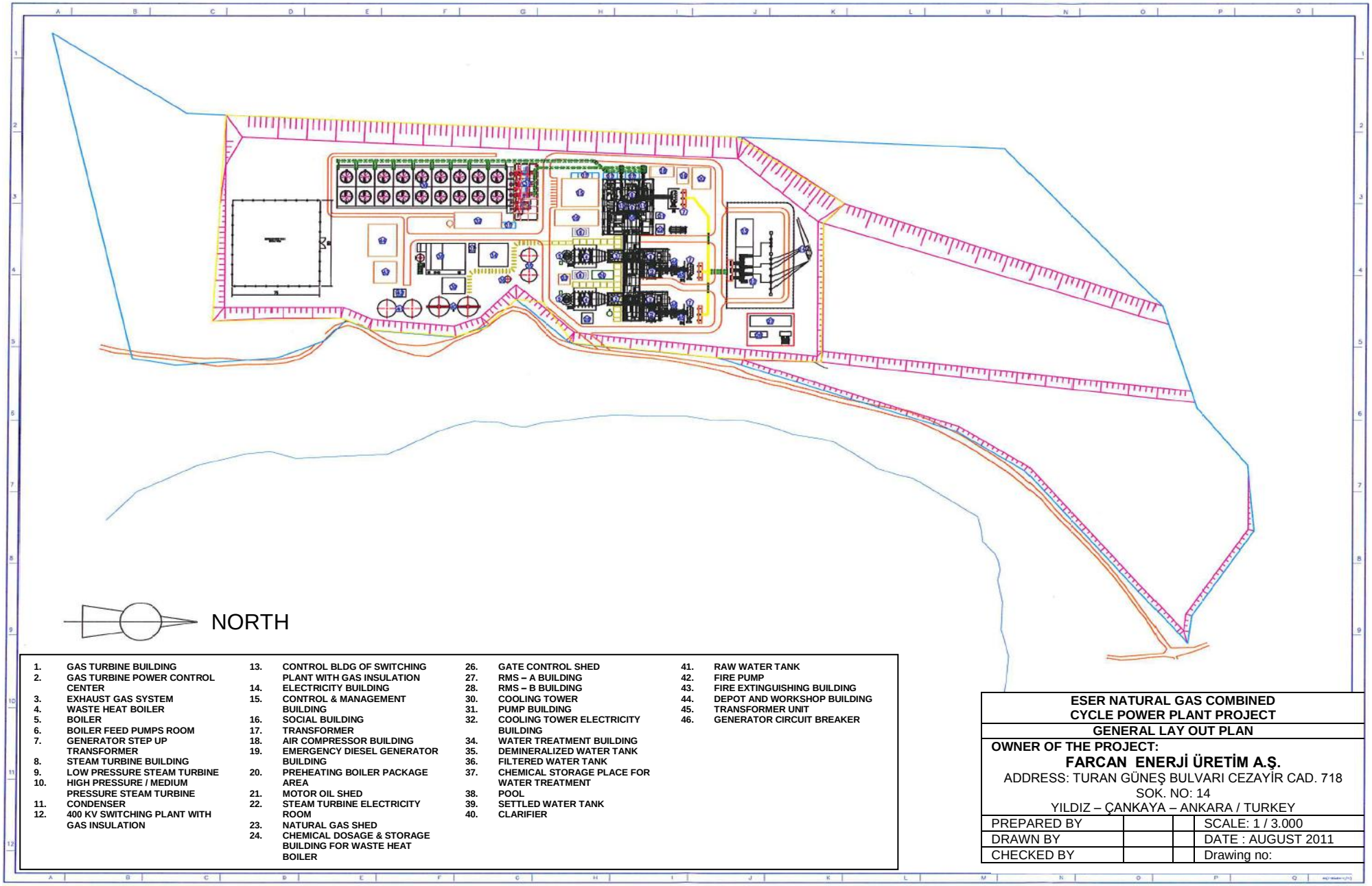
As a requirement of your referenced letter, the EIA studies in respect to the manufacturing of the Natural gas Combined Cycle Plant, with an installed power of 835 Mw, on the said 103 island, 6 parcel are executed by your firm and there is no plan, except the map enclosed with your letter, with a scale of 1 / 25.000, and preparatory works are ongoing due to having no public improvement plan related with the mentioned place.

Kindly request you to do the needful.

Signature
Ömer Faruk ÖNDER
Mayor

ANNEX – 7

Layout Plan



NORTH

1.	GAS TURBINE BUILDING	13.	CONTROL BLDG OF SWITCHING PLANT WITH GAS INSULATION	26.	GATE CONTROL SHED	41.	RAW WATER TANK
2.	GAS TURBINE POWER CONTROL CENTER	14.	ELECTRICITY BUILDING	27.	RMS – A BUILDING	42.	FIRE PUMP
3.	EXHAUST GAS SYSTEM	15.	CONTROL & MANAGEMENT BUILDING	28.	RMS – B BUILDING	43.	FIRE EXTINGUISHING BUILDING
4.	WASTE HEAT BOILER	16.	SOCIAL BUILDING	30.	COOLING TOWER	44.	DEPOT AND WORKSHOP BUILDING
5.	BOILER	17.	TRANSFORMER	31.	PUMP BUILDING	45.	TRANSFORMER UNIT
6.	BOILER FEED PUMPS ROOM	18.	AIR COMPRESSOR BUILDING	32.	COOLING TOWER ELECTRICITY BUILDING	46.	GENERATOR CIRCUIT BREAKER
7.	GENERATOR STEP UP TRANSFORMER	19.	EMERGENCY DIESEL GENERATOR BUILDING	34.	WATER TREATMENT BUILDING		
8.	STEAM TURBINE BUILDING	20.	PREHEATING BOILER PACKAGE AREA	35.	DEMINERALIZED WATER TANK		
9.	LOW PRESSURE STEAM TURBINE	21.	MOTOR OIL SHED	36.	FILTERED WATER TANK		
10.	HIGH PRESSURE / MEDIUM PRESSURE STEAM TURBINE	22.	STEAM TURBINE ELECTRICITY ROOM	37.	CHEMICAL STORAGE PLACE FOR WATER TREATMENT		
11.	CONDENSER	23.	NATURAL GAS SHED	38.	POOL		
12.	400 KV SWITCHING PLANT WITH GAS INSULATION	24.	CHEMICAL DOSAGE & STORAGE BUILDING FOR WASTE HEAT BOILER	39.	SETTLED WATER TANK		
				40.	CLARIFIER		

ESER NATURAL GAS COMBINED CYCLE POWER PLANT PROJECT

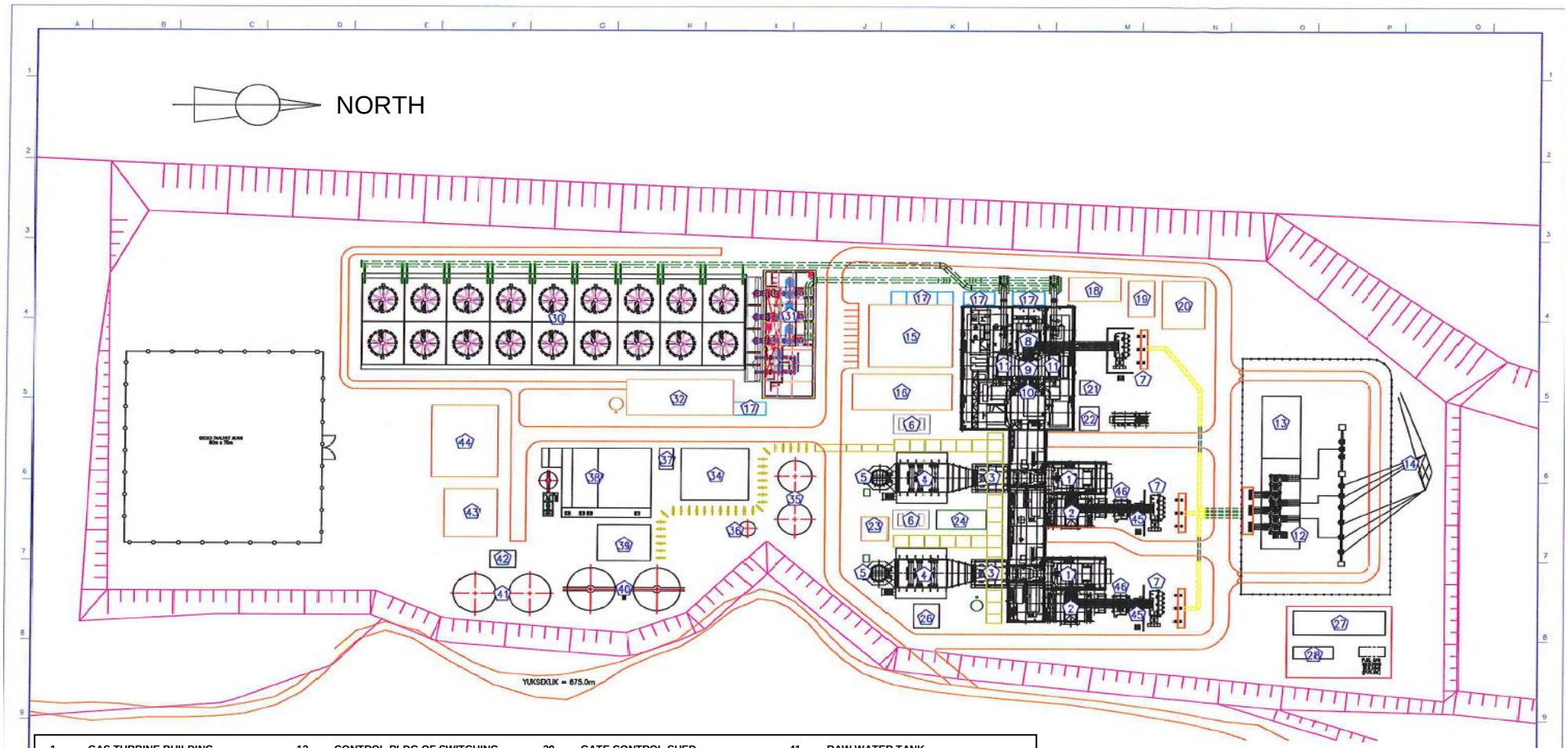
GENERAL LAY OUT PLAN

OWNER OF THE PROJECT:

FARCAN ENERJİ ÜRETİM A.Ş.

ADDRESS: TURAN GÜNEŞ BULVARI CEZAYİR CAD. 718 SOK. NO: 14
YILDIZ – ÇANKAYA – ANKARA / TURKEY

PREPARED BY			SCALE: 1 / 3.000
DRAWN BY			DATE : AUGUST 2011
CHECKED BY			Drawing no:



1. GAS TURBINE BUILDING
2. GAS TURBINE POWER CONTROL CENTER
3. EXHAUST GAS SYSTEM
4. WASTE HEAT BOILER
5. BOILER
6. BOILER FEED PUMPS ROOM
7. GENERATOR STEP UP TRANSFORMER
8. STEAM TURBINE BUILDING
9. LOW PRESSURE STEAM TURBINE
10. HIGH PRESSURE / MEDIUM PRESSURE STEAM TURBINE
11. CONDENSER
12. 400 KV SWITCHING PLANT WITH GAS INSULATION
13. CONTROL BLDG OF SWITCHING PLANT WITH GAS INSULATION
14. ELECTRICITY BUILDING
15. CONTROL & MANAGEMENT BUILDING
16. SOCIAL BUILDING
17. TRANSFORMER
18. AIR COMPRESSOR BUILDING
19. EMERGENCY DIESEL GENERATOR BUILDING
20. PREHEATING BOILER PACKAGE AREA
21. MOTOR OIL SHED
22. STEAM TURBINE ELECTRICITY ROOM
23. NATURAL GAS SHED
24. CHEMICAL DOSAGE & STORAGE BUILDING FOR WASTE HEAT BOILER
29. GATE CONTROL SHED
30. RMS – A BUILDING
31. RMS – B BUILDING
33. COOLING TOWER
34. PUMP BUILDING
35. COOLING TOWER ELECTRICITY BUILDING
34. WATER TREATMENT BUILDING
35. DEMINERALIZED WATER TANK
36. FILTERED WATER TANK
37. CHEMICAL STORAGE PLACE FOR WATER TREATMENT
38. POOL
39. SETTLED WATER TANK
40. CLARIFIER
41. RAW WATER TANK
42. FIRE PUMP
43. FIRE EXTINGUISHING BUILDING
44. DEPOT AND WORKSHOP BUILDING
45. TRANSFORMER UNIT
46. GENERATOR CIRCUIT BREAKER

ESER NATURAL GAS COMBINED CYCLE POWER PLANT PROJECT

GENERAL LAY OUT PLAN

OWNER OF THE PROJECT:

FARCAN ENERGY GENERATION INC. CO.

ADDRESS: TURAN GÜNEŞ BULVARI CEZAYİR CAD. 718 SOK. NO: 14
YILDIZ – ÇANKAYA – ANKARA / TURKEY

PREPARED BY			SCALE: 1 / 1.500
DRAWN BY			DATE : AUGUST 2011
CHECKED BY			Drawing no:

ANNEX – 8

BOTAŞ Institution Comment

PROTOCOL

The Route preliminary Survey was made on 18.05.2011 by the attendance of Botaş Ankara Branch Directorate, the Department of Terrain Construction and Expropriation and the officials of The Consultant Firm, for provision of natural Gas to the RMS – A Station that would be erected for the Natural gas Combined Cycle Plant, with an installed power of 830 MW, of which installation has been planned within the boundries of Kırıkkale province, Yahşihan District, Kılıçlar Town by Farcan Enerji üretim A.Ş.

As per the Route preliminary Survey ;

The 48" Samsun – Ankara DGİH (Natural gas Transmission Line) pipeline that just passes next to the firm land approximately from a suitable point of 365 + 272 Km, , as it is shown on the enclosed Map, and terminates at the RMS – A station that to be set up on one of the points (as a consequence of the revised route survey is to be made subsequent to final determination of the RMS – A location) determined as two alternatives by Hot – Tap system.

Since the whole pipe line route stays within the boundaries of the Firm Land no Expropriation will be made. Should the valve location at the point where the Hot – Tap will be made stays at out of firm land then the property Expropriation will be made for this place.

The Firm after preparation of Expropriation files and have they approved by the cadastral, shall assign servitude of the section through which the line passes at title deed, as free of charge.

During the construction of pipe line route, it is required to follow the "Safety and Environment Regulation for the Construction and Operation of the BOTAŞ Crude oil & natural gas Pipe Line Plants".

Annex: Map with 1 / 25.000 Scale

BOTAŞ

Ankara Branch Directorate

Name Signature
Önal KAYA
Chief Engineer of
Stations

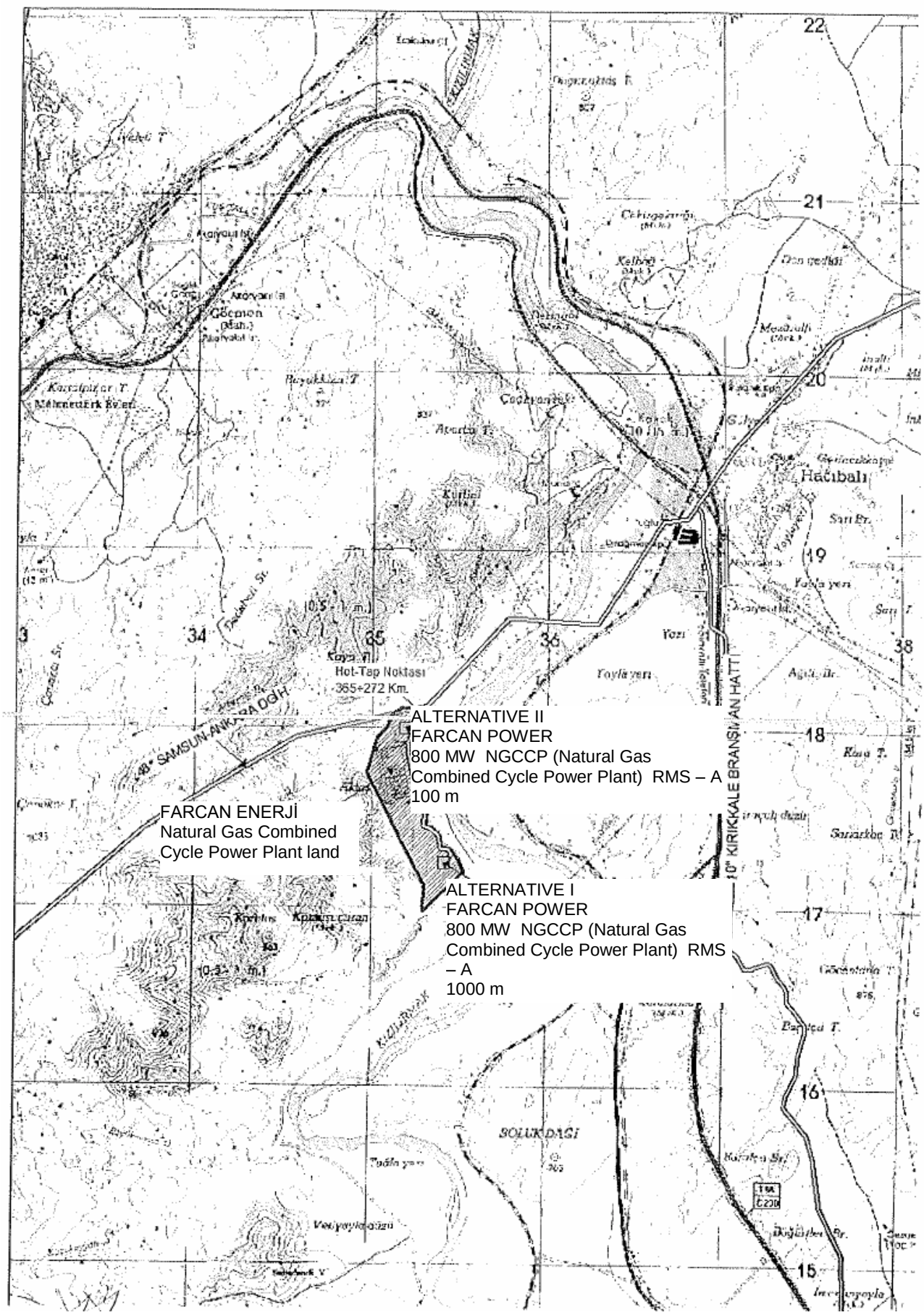
Farcan Enerji Üretim A.Ş.

Farcan Enerji Üretim A.Ş.
Cezayir Cad. 718 Sok. No: 14
Yıldız – Çankaya – Ankara
Tel. (0312) 408 00 00 Fax: (0312) 408 00 50
Segmenler Tax Department : 385 048 9544

Name
İlhan Adiloğlu

Department of Terrain Construction and Expropriation

Adem AKKAYA Signature Signed


ALTERNATIVE II
FARCAN POWER
800 MW NGCCP (Natural Gas Combined Cycle Power Plant) RMS – A
100 m
FARCAN ENERJİ
Natural Gas Combined Cycle Power Plant land
ALTERNATIVE I
FARCAN POWER
800 MW NGCCP (Natural Gas Combined Cycle Power Plant) RMS – A
1000 m
Hot-Tap Noktası
365+272 Km.
10" KIRIKKALE BRANŞMAN HATTI
SOLUKDAĞI
Hacıbalı
Göçmen
Yazı
Yayla yeri

ANNEX – 9

1 / 1.000 Scaled Geology Map and its Legend / Geologic – Geotechnical Study Report on the Development Plan

Farcan Energy Generation Inc. Co.

ESER NATURAL GAS COMBINED CYCLE POWER PLANT

KIRIKKALE PROVINCE,
YAHŞİYAN TOWN, KILIÇLAR MUNICIPALITY,
ISLAND NO. 103, MAP SECTION NO. 6

GEOLOGICAL – GEOTECHNICAL STUDY REPORT



APRIL 2011

ESER PROJECT AND ENGINEERING INC. CO.

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ANNEX-11 : Distribution Map of Dominant Vibration Period

1. SCOPE AND PURPOSE

This Report covers the geological and geotechnical studies based on the municipal development plan for the site where **“ESER Natural Gas Combined Cycle Power Plant”** with an installed power of 835 MW to be situated on an area of 227.000 m2 at Plot no.6, Island No. 103, which will be constructed by Farcan Energy Production Inc Co., within boundaries of Kılıçlar Municipality, Yahşiyan Town, Kırıkkale Province.

The Report is prepared for the purpose of complying with the Circular No. 10337 of 19.08.2008 issued by General Directorate of Disaster Affairs, requiring “Geological – Geotechnical Study Report Based on the Municipal Development Plan” being prepared. It is prepared in accordance with the “Format-3 Geological - Geotechnical Study Report Format”, as annexed to Circular No. 10337 of 19.08.2008, and it will be submitted to Provincial Directorate of Disaster Affairs.

Maps of 1/1000 scale was used in these studies. During the detailed investigation with respect to dwelling construction at the project site with the boundaries shown in the annexed map, we carried out our studies ob the basis of the basic drilling wells, investigation pits, and geophysical studies conducted by **"Eser Project and Eng. Inc. Co.**", and laboratory data obtained by **Akademi Soil and Rock Laboratory "**.

2. INTRODUCTION TO THE STUDY SITE AND METHODS OF STUDY

2.1. Spatial Information - Geographical Position

The site intended for the Natural Gas Cycle Power Plant is situated in Kırşehir İ30-b2 map section with a scale of 1/25.000. The study site can be accessed through Kalecik Junction on Ankara- Kırıkkale highway, by heading towards the former road and then following the left coast of Kızılırmak river to the flow direction.

The closest settlement area of the project site and close surrounding are Hacıbalı village located at approx. 2 km northeast, and Irmak Community located at approx. 2 km northwest.

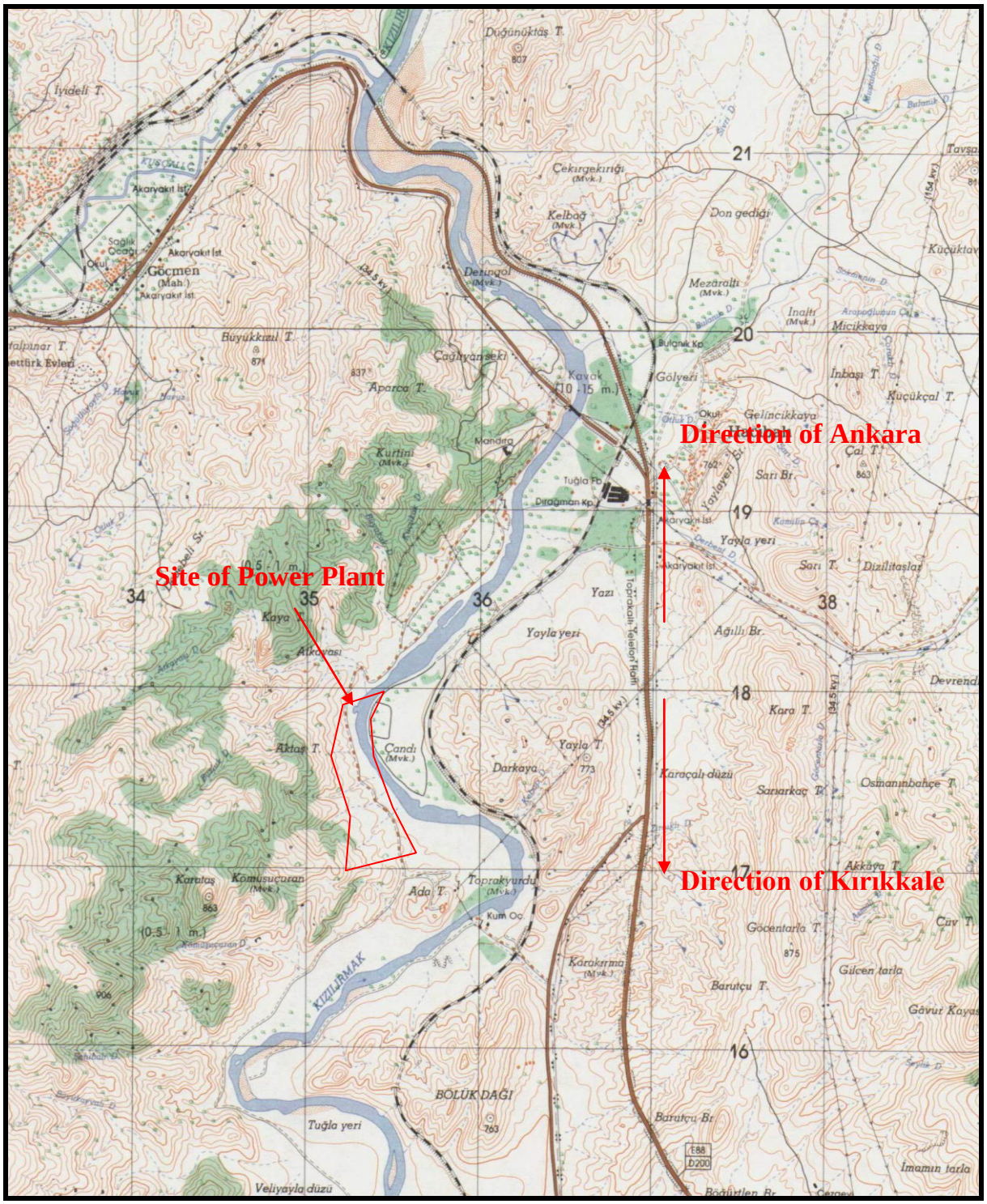


Figure-1 : Site location map

2.2. Climate and Vegetable Cover

Kırıkkale Province is situate in the moderate climate zone, at an elevation of 747 m above sea level. However, since its location is far away from the sea, its climate is mostly of territorial due to daily temperature changes in the surrounding steppes.

As the province of Kırıkkale is under the influence of territorial climate, the governing vegetable cover is of steppe nature. At upper elevations, there are some forest lands containing red oak and partly juniper trees.

2.3. Socio-Economical Information

Kırıkkale Province is an industrial city with mostly public enterprises, and other town centers and rural parts of the province have an agriculture-based economy. The manufacturing industry in Kırıkkale City is comprised of large public industrial enterprises, along with small- and medium-sized private sector organizations.
MKEK Factories and Tüpraş Refinery hold an important place in the economical structure of the City. Workers and white-collar employees of the government in public sector affect the commercial life on the basis of the wages and salaries.

2.4. Methods of Field, Laboratory and Office Works, and Equipments

At the stage of office work within the scope of the project, first, the existing maps and previous works conducted in the close surroundings of the study site were compiled. Then the site was evaluated together with drilling, investigation pit, geophysical studies and laboratory data, and the report was prepared.

A drilling work consisting of a total of 152.5 m drillings made at 7 different locations between the dates of 12.03.2011 and 04.04.2011 was made in the project site for Natural Gas Cycle Power Plant. Of these drillings, 6 had a geotechnical purpose at the plant site, and 1 was planned as a caisson well in order to determine soil permeability.

In addition to these works, investigation pits were opened at 10 spots in the plant site to perform soil investigation.

Besides, seismic measurements were made at 10 points and resistivity measurements at 20 points.

Laboratory tests were conducted on the collected samples in order to determine index and physical properties of the units constituting the foundation soil. In this scope; water content, sieve analysis and Atterberg limits were analyzed on the SPT samples and on the samples obtained from the investigation pits. Single-axis pressure resistance and point loading tests were performed on the core samples obtained.

3. EXISTING DEVELOPMENT PLAN, SETTLEMENT STATUS AND OTHER WORKS ON THE STUDY SITE

3.1. Existing Plan Status and Existing Settlement at All Scales

A current map of 1/1000 scale was prepared for the project site, and the area covering the project site is under belongs to Turkish Treasury, with no settlement or agricultural activities on it.

3.2. Geological Studies Based on the Existing Plan, Undesirable Regions, and Regions Subjecting to Disaster

No landslide, flowing, avalanche or similar natural disasters have been encountered in the study site until now. There are no Decree of Council of Ministers taken for the study site involving a “Region Subjecting to Disaster”. As there are no development plans for the study site, there are not any geological study under such plans.

3.3. Flood Regions, Archeological Sites, Protected Zones

No decisions have been so far taken by the relevant official bodies as to flood region, archeological site and protected one etc. in relation to the study site. The locations where power plant structures and energy switchyard site are to be locate within the scope of the Natural Gas Cycle Power Plant are above the flood zone altitude of Kızılırmak River. Structural design shall be of a nature unique to the project.

3.4. Studies of Varying Purpose and Their Data

There exist some studies conducted by MTA General Directorate in and close surroundings of the project site. A current map of 1/1000 scale was prepared for the locations of the buildings & facilities belonging to Natural Gas Cycle Power Plant project.

4. GEOMORPHOLOGY

When the geomorphologic structure is examined in this region, it can be seen that Kızılırmak river and its close surroundings are largely flat – with low inclination, and the land gets more elevated away from the river, reaching more than 40% gradient after altitudes of 700 – 705 m. The land is barren with no vegetable cover. There are some cultivated lands near Kızılırmak river bed, belonging to private persons.

5. GEOLOGY

5.1. General Geology and Stratigraphy

Concerning the General Geology of the Project Site, the report prepared in 1980 by MTA and titled “Explanation Report for Land Usage Map of Ankara Metropolitan Area”, and the study prepared in 1990 by also MTA and titled “Surrounding Geology and Natural Resources Project for Ankara Province” were utilizes as the basis of the studies in the scope.

Project Site is situated in Kılıçlar geological groups, defined as sedimentary, volcano-sedimentary and volcanic rocks of Cenomanian - Campanian age with horizontal and vertical intersections.

KILIÇLAR GROUP

There are widely available ophiolitic and olistostrome units derived from older rocks in this group. The most widely observed group in the region is separated into Hisarköy and Karadağ formations. Hisarköy formation is divided into Cengizpınar volcanite member, Kocatepe limestone member and Radiolarite member, and Karadağ formation is separated into Kurşunludüz limestone member. All of these units are observed around Kılıçlar village.

Hisarköy Formation (Kkh):

The unit shows a spreading towards northeast – southwest direction in the region. It consists of rock types with particles varying between coarse gravel to fine sand size. Sediment rocks of the unit are comprised of partly insufficiently sized volcanic-grained pebble-stone, sandstone and mudstone intercalations, and consequent series of limestone units. Pebble-stone and sandstone units are mostly grayish, brown and red color, loosely bound, with insignificant layering.

In general sorting and gradation are observed roughly. Mudstones are red, grey and fine-medium layered. Variously-sized ophiolitic and olistostrome units derived from Eldivan ophiolite agglomerate are frequently observed in Hisarköy formation.

Hisarköy formation superimposes discordantly on the Eldivan ophiolite agglomerate in the north of the area. The age of this unit is determined to be Cenomanian-Campanian.

Hisarköy formation is deposited in deep sea medium and in the continental hillside that has a higher slope generally. Although the most important source of the depositions are the sediments in the continent and in the shelves, spilite and diabase (member of Cengizpınar volcanites) that are the product of the contemporaneous volcanism constitute an important section of the rock.

The tectonic activity present in the basin intensified due to the effect of the volcanism, and the disintegrated and dislocated contemporaneous volcanic material got mixed with the materials deriving from the shore, thus depositing by mainly debris flow processes. Pelagic sedimentation occurred during the periods when the area is quiet, and radiolarite, mudstone and clayed-limestone deposited.

Cengizpınar Volcanite Member (Kkhc):

The unit is distinguished inside Hisarköy formation according to rock type feature. Cengizpınar volcanite member consists of spilite (basalt) and diabase elements that occurred at various phases in Hisarköy formation and that preserved their pillow lava property, well as dikes and silica associated with them. Spilites are dark, purplish and grey while diabase units are grey and green in color. It was observed that spilites are primarily associated with volcanic sandstones, marl and sandy-clayed limestone elements.

Volcanites at dyke position are observed as intersecting through the units forming Kılıçlar group. Cengizpınar volcanite member spread as a product of deep sea volcanism of Hisarköy formation at various levels of the depositions during the period from Cenomanian until Campanian, and affected the rock types it was associated, tough a little degree, by seeping inside the sediments and also by flowing over the sediments.

Kocatepe Limestone Member (Kkhk):

It is distinguished inside Hisarköy formation according to rock type feature. Kocatepe limestone member is comprised of the sequels of pelagic clayed limestone, radiolarite - mudstone and Calciturbidite sequels that can be observed over long distances, despite having a disintegrated sausage structure.

Pelagic clayed limestone is red and grey in color, fine – medium layered, and with mussel brittleness. Calciturbidite particles are shallow sea or reef limestone with slightly-volcanic rock particles. In some sections, primary relations of Kocatepe limestone member and Cengizpınar volcanite member are observed. The age of the unit is Cenomanian – Campanian stage.

Radiolarite Member (Kkhr):

It is distinguished inside Hisarköy formation according to rock type feature. It consists of radiolarite and mudstone intercalations. Radiolarites are red, green color and in fine layer. Serpentine olistolites are partly observed inside radiolarites. The unit exist inside Hisarköy formation as a vertical and horizontal intersecting element and in lens shapes. Radiolarites demonstrate partial crossings with calciturbiditis. The unit contains plenty of radiolarites. The age of the unit is considered to be between Cenomanian-Campanian, contemporaneous with the main formation and its members.

Karadağ Formation (Kkk):

Karadağ formation starts with the volcanic-grained sandstone and pebble stone intercalations at the lower part and continues with sandstone –mudstone intercalations towards the upper part. Pebble stone and sandstone are in green, brown, grey and scarlet color, tightly bound and with fine-medium layered elements. There are gradation, parallel lamination, flow cross lamination, and convolute layering in sandstones. Mudstones are grayish, brown and grey color, tightly bound, with fine layers and needle-shaped fractures.

Mudstones are located over the sandstone layers. In mudstones, parallel laminations are widely observed. Clayed limestone units are in grayish, grey and red color, fine-middle layered, and with mussel brittleness. Karadağ formation intersects with Hisarköy formation. In this transition zone, volcanites and Calciturbidite of Hisarköy formation are observed together with the sandstone - silt stone intercalation of Karadağ formation. Karadağ formation is also laterally interlaced with Hisarköy formation. The age of the unit is defined a to be Cenomanian - Campanian. In addition, the age of Karadağ formation over Akbayır formation that is located in Aşağı Yurtçu village to the west of Ankara was considered to be Cenomanian - Turonian.

Kurşunludüz Limestone Member (Kkkk):

It is distinguished in Karadağ formation according to rock type feature in accordance with the map scale. The member is comprised of clayed limestone that is in yellowish, white, gray and red color, with a surface of mussel brittleness and containing silica bands and lumps. Kurşunludüz limestone member has transitions with Karadağ formation at the bottom and top. The age of the unit was Cenomanian-Turonian.

Ophiolitic and Olistostromes inside Kılıçlar Group

The ophiolites and olistostromes derived from Eldivan ophiolite agglomerates and shown with “Keo” mark are the sections containing the melange of serpentinites, gabbro, diabase, and volcanic rocks, and/or one of them is in majority. After the settlement of the Eldivan ophiolite agglomerate in the region during Albigen – Aptien period, they were formed by mass flow and gravity dislocations inside the Cenomanian-Campanian aged units, and by joining into the sediments at various times.

Ilıcapınar Formation (Kı):

The units was formed by irregular intercalation of conglomerate and sandstone. Conglomerates are brown, grey and scarlet color, medium bound and thick -very thick layered. Layer bases are corroded. Partial synclinal cross layering of large size are observed in conglomerates. They are middle-sized. Sandstones are green, brown color, medium bound, medium-thick layered. Graded layering, parallel lamination and small-sized flow cross-laminations are observed in the sandstones. There are little or none cement in conglomerates and sandstone.

Lower boundary of the Ilıcapınar formation has a faulty structure in the project site. There is a very strong relation between the observed lower layers of the unit, and the rock types and formation mediums that forms Kılıçlar Group. There are gravels belonging to rock types forming Kılıçlar Group inside the channel sediments in Ilıcapınar formation. Therefore, it is thought that Ilıcapınar formation has overlapped over Kılıçlar Group by surface erosion, that is, the channel sediments at the lowest part may have deposited in the concavities opened over the Kılıçlar Group.

No fossils were encountered in the unit, but it was considered to be contemporaneous (Maastrihtien) with the Haymana formation which it is interweaved. Ilıcapınar formation has deposited mainly over Hisarköy formation at the upper undersea fan following the decrease of the volcanism during Upper Cretaceous period.

Dizilitaşlar Formation (Td):

Dizilitaşlar formation is comprised of conglomerate, sandstone, shale, clayed-limestone and fragmented limestone units. It also contains numerous single, hundreds of meter sized contemporaneous olistolites of reef-limestone nature that were derived from Çaldağ formation.

Conglomerates are yellow, brown, grey color, loosely bound, and medium-thick layered units. There are two types of pebble stones: those conglomerates with rough matrix support, very badly sized, and those with little gravels, grain supported and medium-sized gravels.

Although the lower boundary of Dizilitaşlar formation is mostly faulted due to younger tectonics, there are some transitional zones with Haymana formation when rock type and sedimentary properties are taken into account. Despite its contact with the Mahmutlar formation in Çankırı basin is a faulty structure, there are transitional sections as well. At Haymana basin, Dizilitaşlar formation adaptively overlaps Eskipolatlı formation. The age of Dizilitaşlar formation was determined to be Paleocene.

Mahmutlar Formation (Tmk):

It is generally observed in east sections widely. The unit is distinguished into these members; a) Karagedik member consisting of shale, sandstone, marl and conglomerate; b) Taşlıdere member consisting of sandstone, mudstone, trass sandstone, and tuffite; and c) Kabaktepe member consisting of pebble-stone and lesser sandstone, shale and trass. Sections that can not be clearly distinguished are shown as Mahmutlar formation. The dominant rock type is comprised of conglomerate, sandstone, marl and trass. When the Dizilitaşlar formation and its sedimentary properties are taken into account, it is thought that it is transitional at the bottom. At the top, Miskincedere formation covers Mahmutlar formation adaptively. The age of the unit was determined to be Iprecian-Lutetian, using the fossils obtained from the sandy limestone and sandstone in Karagedik member, and from Taşlıdere member forming Mahmutlar formation.

Karagedik Member (Tmka):

It is distinguished on the basis of rock type properties and sediment medium at the south east section of the area. The member is comprised of shale, sandstone marl and conglomerate units. Gravels are located as intermediate planes of lens geometry. Shale are gray, dark green and black, medium bound, fine-thick layered. Partially parallel laminations are observed. Sandstones are green, brown, loosely bound, and thin-thick layered. Where the sandstone is observed in thick layer, large and small scale cross layering, gradation and parallel lamination are observed.

Due to the fact that Dizilitaşlar formation is formed of convergent turbiditis, and that Karagedik member is formed of shelve and delta sediments, the unit is transitional with Dizilitaşlar formation, and transitional and interlocked with Taşlıdere member at the top and side. The age of the formation is determined to be Ypresian-Lutetian.

Taşlıdere Member (Tmt):

It is distinguished with the rock types and sediment types at the east section of the area. Taşlıdere member is comprised of sandstone, mudstone, trassed sandstone, and tuffite. Sandstone are white and yellow color, medium-tight bound, with fine – thick layers. No sediments are observed at the lover section of the member. At the upper sections, small and large sized cross layering, parallel lamination, and planar cross layering of low angle are observed. Trassed sandstones are yellow, tightly bound, with fine and middle layered. Small scale crossed lamination and parallel lamination are ordinary. Tuffites are yellow and red in color, tightly bound, fine-medium layered, and partially laminated. Mudstones are gray, loosely bound, and with fine and thick layered. Mudstones contain coal interlayer of maximum centimeter thickness, and charred plant fossils.

Taşlıdere member is transitional and interleaved with Karagedik member at the bottom, and with Kabaktepe member at the top. The age of the member is determined to be Ypresian-Lutetian.

Old Alluvium (Terrace Material) and Alluvium (Qe, Qa):

Protected old alluviums are observed at various heights compared to the river bed. It is comprised of unbound or little bound sand, silts and gravels. Alluvium is the today's sediments occurring along Kızılırmak river and its branches, consisting of silts, sands and gravels.

The geological map of the study area and close surroundings are given in Figure 2, and the generalized stratigraphic column section is given in Figure-3.

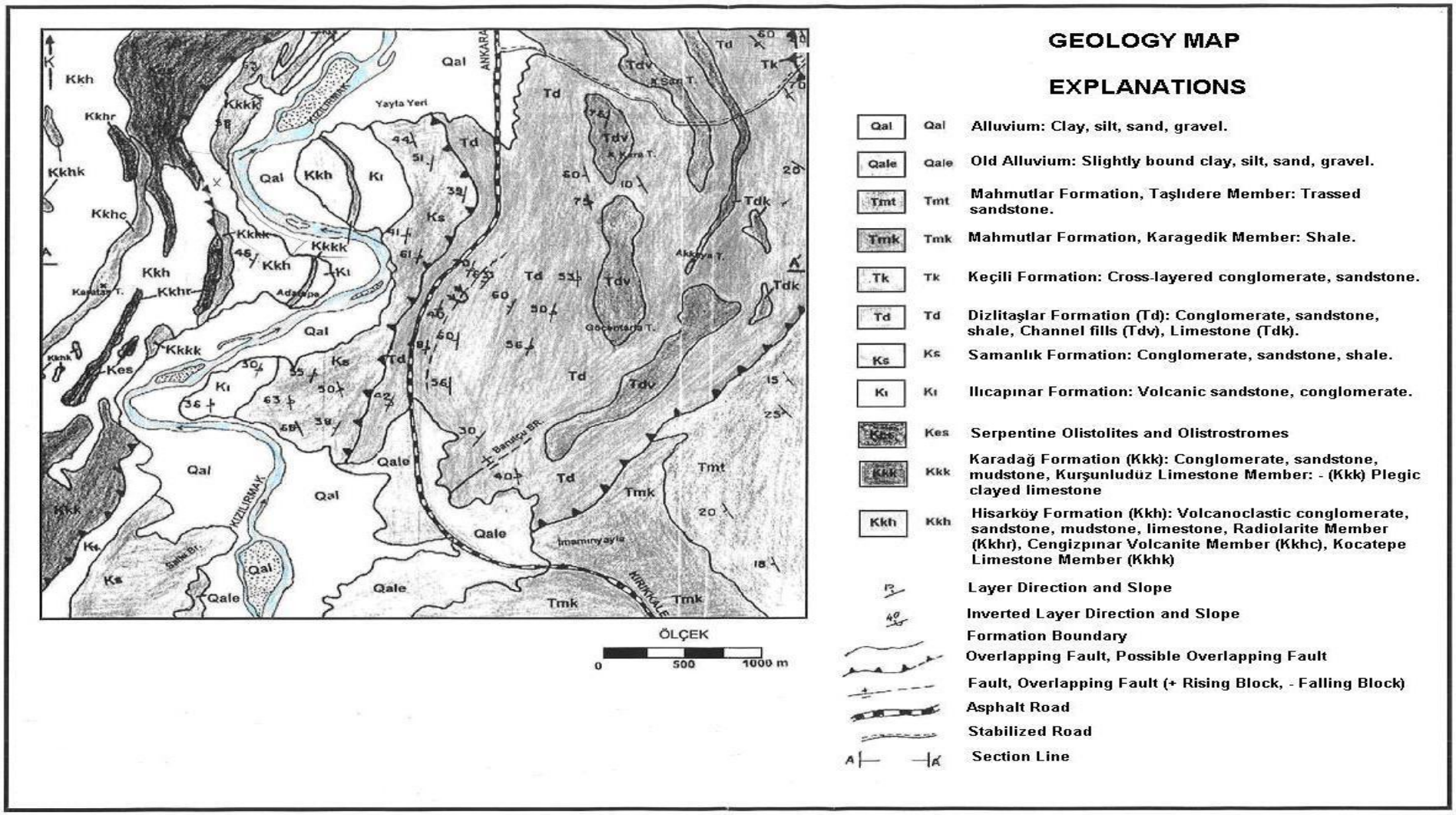


Figure – 2 : Geological map of the study area and its close surroundings (MTA – Geology of Kızılırmak Adatepe Surroundings)

OROGENESIS	UPPER SYSTEM	SYSTEM		SERIES		LITHOLOGY	EXPLANATIONS
Young Alpine	**Cenozoic**	Quaternary					Alluvium (gravel, sand, silt)
Middle Alpine		Tertiary	Neocene	Pliocene	Upper		Conglomerate with loose cement, red sandy silty clay, nodular lime red clays
					Lower		Pink marl and lava gravels and trasses mixed with clays
				Miocene			Silty – clayed lacustrine limestone, marl, claystone, conglomerate, andesite, basalt, agglomerate and trasses
			Paleocene	Oligocene			Conglomerate, sandstone, marl, gypsum
				Eocene			Sandy limestone and sandstones with plenty fossils
				Paleocene			Flysch (Conglomerate, sandstone, silt sand, marl, limestone)
Middle Alpine	**Mesozoic**	Kratese		Upper			Flysch (Conglomerate, sandstone, silt sand, marl and olistostrome)
				Lower			Ophiolitic melange (serpentine, radiolarite, spilitis, basalt, diabase, limestone, sandstone, mudstone, marl, Flintstone, gabbro and olistostrome)
		Jura		Upper (malm)			Limestone with ammonite, silica sandy clayed limestone, and plated nodular limestone
				Middle (Dogger)			
				Lower (Lias)			Base conglomerate, sandstone, silt stone, and fossil calcarenite
		Triase					Mixed (Blocks) series: Spilitis – basalt blocks in pillow structure, Grovaks and meta-grovaks containing Permo-Carbonifer and Triase aged blocks.
Hersinian	**Paleozoic**	Permo-Carbonifer					Epimeramorphic schists (fililt, praphite-schists, mica- schists, chlorite-schists, quartz-schists)

Figure 3: Generalized Stratigraphy Section of Ankara City and its surroundings (Kasapoğlu, 2000)

5.2. Structural Geology

The Study Area is situated in the Anatolia tectonic belt, south of North Anatolian Fault (NAF). It has acquired its tectonic structure by the Alpine Orogenic phase. The signs of Paleotetis Ocean are encountered in the rock types forming Ankara Group, and the signs of Neotetis Ocean are encountered are observed in the rock types constituting Eldivan ophiolite agglomerate observed in the region widely.

I- Inconsistencies:

The first inconsistency in the region is observed between the Trias aged Ankara Group and Jura aged Hasanoğlan formation. The inconsistency observed between Eldivan ophiolite agglomerate whose internal regulation seems protected and/or Dereköyü ophiolite mixture, and between Hisarköy formation forming Kılıçlar Group and/or Karadağ formation show the rocky remnants of Neotetis Ocean.

The inconsistency between Oligocene aged Miskincedere formation and Miocene aged volcanites and sediments indicates that the marine sedimentation is over in the region and that the terrestrial regime is dominant.

The inconsistency between Bozdağ basalt, which is the latest product of the volcanism in the region, and Gölbaşı formation, which is the sediments developed over the basin, is not observed everywhere.

II- Faults:

Low-angled overlaps, reverse faults, strike slip fault (likely) and vertical faults were detected.

Overlaps : The overlaps widely observed in northeast-southwest direction in the region are found in the following locations: at Eldivan month in the north, among the units forming Eldivan ophiolite agglomerate to the south of Beynam village in the south; between Eldivan ophiolite agglomerate and Hisarköy formation; between Jura aged Hasanoğlan and Akbayır formations and Dereköyü ophiolitic melange to the east of Oyaca in the southwest; to the north Deveciköyü, between Ankara Group units and Dereköyü ophiolitic melange; to the south of Dereköyü, between Dereköyü ophiolitic melange and Karadağ formation, and between Haymana formation and Eskipolatlı formation.

Reverse faults : The units forming Triase aged Ankara group to the west of Deveciköyü are observed as pushed over Akbayır and Hasanoğlan formations, and all these units together, over Dereköyü ophiolitic melange.

Strike slip faults: It is thought that the northeast-southwest fault lying between Dereköyü ophiolitic melange at the south of Beynam village and Bozdağ basalt, and between the pelagic interlayered volcanites of Eldivan ophiolite agglomerate and Dereköyü ophiolitic melange is very likely to be a strike slip fault. In addition, a strike slip fault is also encountered at the north of Karaali.

Vertical faults : Vertical and closely vertical faults are observed in the region and they are differentiated. From these, emerged Oğulbey dacite at Kabasinan Hill from the fissures of north-south direction fault located to the east of Oyaca. They are also observed between Tertiary aged Tekke volcanites Hançili formation, and between Mamak formation and Gölbaşı formation at the northwest.

5.3. Geology of the Study Area

The lithology governing at the hillsides where ESER Natural Gas Combined Cycle Power Plant is to be set up is Hisarköy Formation (Kkh). The formation is comprised rock types that are formed by grains with the sizes ranging from coarse pebble to the fine sand. The sediment rocks of the unit comprise partially insufficiently sized volcanic granular pebble stone, sandstone, mudstone intercalation, and the limestone observed in between. Pebble stones and sandstones are mostly grey, brown and red color, loosely bound, and with an undefined layering. The sizing and gradation of the unit is observed as rough.

Beside this, serpentines are also observed in a part of the site (Kes).

Over the both units, there a thick layer of hillside rubbles and terrace materials (old alluvium) whose thickness were exactly determined by means of drilling and geophysical studies. This unit is named as tr+ym. At the Kızılırmak river plain, current alluvium sediments (Qal) are observed.

In the drilling works performed in the power plant site, the thickness of the terrace material is measured to be between 12-19 m. Under these depths, main rock was reached. Well logs and core pictures for the foundation drilling wells that were opened are provided in ANNEX-1.

6. GEOTECHNICAL PURPOSE INVESTIGATION PITS, DRILLING WORKS AND FIELD TESTS

6.1. Investigation Pits

A total of 10 Investigation Pits were opened by means of tractor shovel at the Natural Gas Power Plant site inside the Study Area. The samples obtained in the pits opened at 3.00-3.50 m depths in the dry creek beds between the hillsides were send to the length for tests aiming the identification of the ground / soil properties.

Table – 1 : Information on the Investigation Pits

Investigation Pits		
Pit No.	**Depth (m)**	**Soil Class**
AÇ-1	3.00	SC
AÇ-2	3.00	SC
AÇ-3	3.00	SC
AÇ-4	3.00	SC
AÇ-5	3.50	SC
AÇ-6	3.00	GM
AÇ-7	3.00	SW-SC
AÇ-8	3.00	GC
AÇ-9	3.00	CL
AÇ-10	3.00	SC

Soil profile in the Investigation Pits is as follows:

In Nos.AÇ-1, 2, 3, 4 and 5 pits; under 0.20m thick top soil, there exists a layer of sandy clay with low amount of gravels down to 3.00 m.

In AÇ-6; brown silt containing gravels under 0.20m thick top soil.

In AÇ-7; light brown, sandy clay under 0.20m thick top soil.

In AÇ-8; brown, sandy clay under 0.20m thick top soil.

In AÇ-9; pebbly, sandy clay containing silt with low plasticity under 0.20m thick top soil.

In AÇ-10; brown, sandy clay under 0.20m thick top soil.

The logs of Investigation Pits are presented in ANNEX-3, and the results of the samples obtained from the Pits are given in ANNEX-4.2.



Photo-1 : A view from the Investigation Pits opened at the power plant site.

6.2. Drillings

6.2.1. Shallow Drillings

Geotechnical drilling wells were opened in the project site in order to determine lithological and geological conditions of the rocks or grounds in the project site, as well as the engineering parameters (March-April-2011). At levels where the ground is penetrated during the boring, progress was made using the auger system, and wet drilling was applied in rocks to ensure progress using core drilling. Apart from this, 1 (one) each foundation drilling well (SK-7; 12.00 m) was opened at the coastal bank of Kızılırmak river in order to determine water supply possibilities for the plant.

Drilling locations are shown in ANNEX-1, drilling logs in ANNEX-2, geological sections penetrated during the drilling in ANNEX-5, and the information on the drilling works are presented in Table-2 and Table-3.

Table – 2 : Information on the drillings

Drilling No	Depth (m)	Field Tests	
		SPT (Each)	Permeability Test (each)
SK-1	21.00	9	-
SK-2	25.00	11	-
SK-3	21.50	9	-
SK-4	25.00	8	-
SK-5	25.00	12	-
SK-6	23.00	8	-
SK-7	12.00	1	8
TOTAL	152.50	58	8

Table – 3 : UGWL* and Lithology data obtained from the soil drillings

Drilling No	Location	Depth (m)	Elevation (m)	UGWL* (m)	Lithology
SK-1	Power Plant Site	21	686	14	0.20 - 13.50m Terrace Material 13.50 - 15.50m Silt stone, Schist 15.50 - 21.00m Limestone
SK-2	Power Plant Site	25	691	17.20	0.20 - 18.00m Terrace Material 18.00 - 25.00m Conglomerate
SK-3	Power Plant Site	21.5	678	7.10	0.20 - 13.50m Terrace Material 13.50 - 21.50m Limestone
SK-4	Power Plant Site	25	678	10.20	0.20 - 13.50m Terrace Material 13.50 - 25.00m Conglomerate
SK-5	Power Plant Site	25	690	yok	0.20 - 19.00m Terrace Material 19.00 - 25.00m Limestone
SK-6	Power Plant Site	23	680	yok	0.20 - 18.00m Terrace Material 18.00 - 19.50m Conglomerate 19.50 - 23.00m Limestone
SK-7	Kızılırmak Coast	12	674	3	0.20 - 9.00 Alluvium 9.00 - 12.00m Clayed SILT

*** UGWL = Underground Water Level**



Photo – 2 : A view from drilling works

Soil profile in the drilling works is summarized below:

SK-1 drilling was made at 686 m altitude, vertically at 21.00m depth. Along the drilling section, terrace material and hillside rubble were cut down to 13.50 m depth from the surface. Terrace material is composed of gravel, clay, silt and sand. SPT was made at each 1.5 m in the unit and a SPT sample was taken. Soil was classified as SC-GC-CL by soil classification. Between 13.50m - 15.50m depths, silt stone and sandstone were entered. From this depth downwards, the main rock limestone was entered. Limestone has a fractured and fragmented structure, and the drill core percentage was determined to be 26-66%, RQD to be 0-10%, and disintegration as W3-W2. At the end of the drilling work, underground water level (UGWL) was measured to be 14.00m.

SK-2 drilling was made at 691 m altitude, vertically at 25.00m depth. Along the drilling section, terrace material and hillside rubble were cut down to 18.00m depth from the surface. Terrace material is composed of gravel, clay, silt and sand. SPT was made at each 1.5 m in the unit, and a SPT sample was taken. Soil was classified as SC-CL-SP by soil classification. Conglomerate was cut between 18.00-25.00m. Gravels of the conglomerate have origins of serpentine and radiolarite. The conglomerate are fragmented, with drill core percentage being determined to be 50-100%, RQD to be 0-20%, and disintegration as W3. At the end of the drilling work, underground water level (UGWL) was measured to be 17.20m.

SK-3 drilling was made at 678m altitude, vertically at 21.50m depth. Along the drilling section, terrace material and hillside rubble were cut down to 13.50m depth from the surface. Terrace material is composed of gravel, clay, silt and sand. SPT was made at each 1.5 m in the unit, and a SPT sample was taken. Soil was classified as SC-GM-GW by soil classification. Main rock limestone was cut through between 13.50-21.50m. Limestone has a fractured and fragmented structure, and the drill core percentage was determined to be 50-95%, RQD to be 0-30%, and disintegration as W3-W2. At the end of the drilling work, underground water level (UGWL) was measured to be 7.10m.

SK-4 drilling was made at 678m altitude, vertically at 25.00m depth. Along the drilling section, terrace material and hillside rubble were cut down to 13.50m depth from the surface. Terrace material is composed of gravel, clay, silt and sand. SPT was made at each 1.5 m in the unit, and a SPT sample was taken. Soil was classified as SC-SW-SM-SP by soil classification. Conglomerate was cut through between 13.50-25.00m. Gravels of the conglomerate have origins of serpentine and radiolarite. The conglomerate are fragmented, with drill core percentage being determined to be 60-100%, RQD to be 0-35%, and disintegration as W3-W2. At the end of the drilling work, underground water level (UGWL) was measured to be 10.20m.

SK-5 drilling was made at 690m altitude, vertically at 25.00m depth. Along the drilling section, terrace material and hillside rubble were cut down to 18.00m depth from the surface. Terrace material is composed of gravel, clay, silt and sand. SPT was made at each 1.5 m in the unit, and a SPT sample was taken. Soil was classified as SC-CL-CH by soil classification. Limestone was cut through between 18.00-25.00m. Limestone has a fractured and fragmented structure. Drill core percentage of the Limestone layer was determined to be 13-100%, RQD to be 0-10%, and disintegration as W3. No underground water was observed at the end of the drilling work.

SK-6 drilling was made at 680m altitude, vertically at 23.00m depth. Along the drilling section, terrace material and hillside rubble were cut down to 18.00m depth from the surface. Terrace material is composed of gravel, clay, silt and sand. SPT was made at each 1.5 m in the unit, and a SPT sample was taken. Soil was classified as ML-CL-SM by soil classification. Conglomerate was cut through between 18.00-19.50m. Gravels of the conglomerate have origins of serpentine and radiolarite. The conglomerates are fragmented, with drill core percentage being determined to be 40%, RQD to be 0%, and disintegration as W4-W3. A limestone layer penetrated through between 19.50-23.00 meters. For this layer, core percentage was determined to be 80-86%, RQD to be 10-35%, and disintegration as W3-W2. No underground water was observed at the end of the drilling work.

SK-7 drilling was made at 665m altitude, vertically at 12.00m depth. Along the drilling section, alluvium was cut down to 12.00m depth from the surface. Alluvium material is generally composed of gravel, clayed silt and sand. Between 9.00-12.00m, clayed silt was penetrated. Core drill percentage for the soil is between 0-66%. Seepage tests were made at each 1.5 m to determine soil permeability, and the first 3 m was determined to be poorly permeable while the depths between 3-10.50m to be very

permeable. At the end of the drilling work, underground water level (UGWL) was measured to be 3.00m.

6.2.2.Deep Drillings

Since it was possible to reach to the necessary data by shallow drillings, it was not necessary to drill deep wells.

6.3. Field Tests

Standard Penetration Tests (SPT) were performed at each 1.50 m in order to determine compactness and consistency properties of the soils in the study site, and Permeability Tests were performed outside the field to determine permeability in drilling.

6.4. Geophysical Studies

Seismic Refraction measurements were performed in order to determine physical parameters of the soil, within the scope of the geological geotechnical study to be used as the basis for Municipal Development in Yahşihan Town of Kırıkkale Province. Layout plan showing measurement points are given in Figure-4 and in ANNEX-1, and the coordinates of the measurement points are given in Table-1. Curves, graphs, sections etc. for the geophysical studies are given at the annexes of the report.

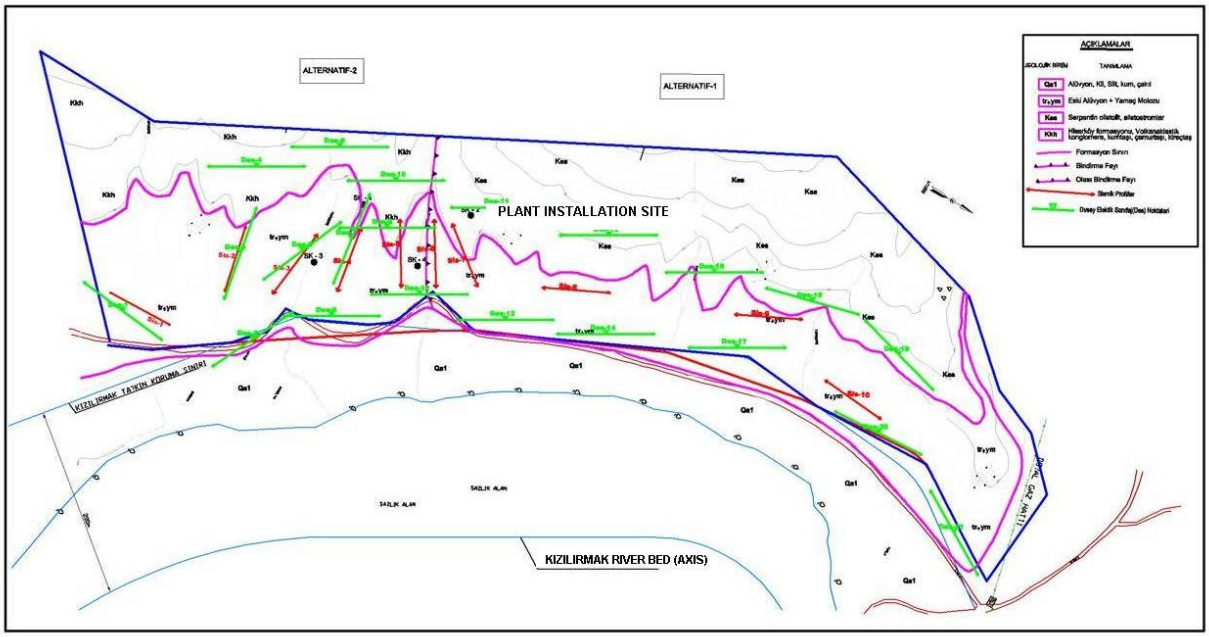


Figure -4 : Sketch of the study site and profile geometry

Table – 1 : Seismic profile coordinates

Point No	Sequence Start		Sequence End	
	X	Y	X	Y
Sis-1	535035.3	4419338.1	535097.2	4419307.9
Sis-2	535178.6	4419401.1	535156.4	4419339.8
Sis-3	535254.4	4419392.2	535208.2	4419337.2
Sis-4	535299.7	4419398.4	535277.5	4419339.8
Sis-5	535340.4	4419407.3	535345.0	4419343.4
Sis-6	535378.3	4419406.4	535379.3	4419344.3
Sis-7	535397.8	4419403.7	535425.5	4419346.0
Sis-8	535567.0	4419340.7	535494.8	4419345.2
Sis-9	535769.5	4419318.5	535698.3	4419320.3
Sis-10	535853.6	4419224.4	535795.4	4419260.8

Table – 2 : Coordinates of Vertical Electrical Drilling Points (Des)

Point No	X	Y	Point No	X	Y
Des-1	535046.6	4419321.9	**Des-12**	535362.6	4419338.9
Des-2	535182.9	4419296.1	**Des-13**	535454.2	4419317.6
Des-3	535170.0	4419376.5	**Des-14**	535561.4	4419303.4
Des-4	535182.9	4419457.9	**Des-15**	535562.3	4419395.8
Des-5	535241.5	4419381.6	**Des-16**	535675.2	4419361.1
Des-6	535278.5	4419477.4	**Des-17**	535700.1	4419291.0
Des-7	535287.7	4419391.3	**Des-18**	535778.7	4419336.3
Des-8	535267.4	4419317.6	**Des-19**	535872.1	4419287.5
Des-9	535330.3	4419401.1	**Des-20**	535850.8	4419212.9
Des-10	535341.3	4419445.5	**Des-21**	535940.5	4419120.6
Des-11	535446.8	4419420.6			

6.4.1.Seismic Refraction Work

Refraction work was carried out using a 12-channel Geode model engineering seismograph in 10 profiles in the study site (Photo-3).



Photo - 3 : Engineering seismograph used during the study.

Technical Specifications of the engineering seismograph;

-A/D Converter: 24-bit, Crystal Semi-conductor sigma-delta converters, and high converters property of Geometrics are used.

-Dynamic Range: 144 dB (system); 110 dB @2 ms (instant, measured), 24 dB

-Distortion: 0.0005% @ 2ms; 1.75 to 208.

-Bandwidth: 1.75 Hz-20 kHz. Options 0.6 and lower DC frequency available.

-Common Mod Response (CMR): If lower or equal to 100 Hz > 100dB, 36 dB.

-Mixing: -125 dB, 24 dB, 2 ms @23.5 Hz.

-Noise: 0.20 µV, 2 ms'de RFI, 36 dB, between 1.75 - 208 Hz.

-Accumulation Trigger Sensitivity: 1/32 of the selected sample range.

-Maximum Input Signal: from top to top 2.8V PP, 0 dB.

-Input Impedance: 20 kΩhm, 0.02 µf.

-Pre-amplifier gain: Standard factory configuration, 24 and 36 dB selectable optionally from the software 12 and 24 dB, or can be converted to 0dB as a single fixed gain in a 4 channel block for high voltage devices.

-Anti-alias Filters: -3 dB at 83% of Nyquist frequency; below, 90 dB.

-Data Collection and Display Filters:

Low Cut: OUT, 10, 15, 25, 35, 50, 70, 100, 140, 200, 280, 400 Hz, 24 or 48 dB/oktav, Butterworth.

Notch: 50, 60, 150, 180 Hz and OUT, at 50 dB response bandwidth, 2% of the center frequency.

High Cut: OUT, 32, 64, 125, 250, 500 or 1000 Hz, 24 or 48 dB/ oktav.

-Sampling Frequency: 0.02, 0.03125, 0.0625, 0.125, 0.25, 0.5, 1.0, 2.0, 4.0, 8.0, 16.0 ms.

-Correlation: Each Geode has an optional high speed hardware correlator for each cycle time, together with the vibrators and pseudo-random (MiniSosie) resources. It can perform correlation of 16K record in unlimited number of channel within a period less than 1 second.

-Record Length: 16,384 samples standard, 65,536 samples optional2.

- Pre-Triggering Data: Until the entire record length.

-Delay: At 0-100 seconds increments at 1 sampling interval.

-Data transfer: Standard Ethernet transfer protocol over CAT5 copper cable or multi-mode fiber optic cable. standard Ethernet transmission.

Distance between boxes: up to 0.25 km with CAT 5 cable; up to 1.5 km with fiber optic cable.

-Intelligent Self Triggering: Earthquake, Explosion and Vibration monitoring2

-Continuous Recording: Available for vibration display.2

-Auxiliary Channels: All Geode channels can be programmed as AUX or DATA. Fixed data or auxiliary channels are available in NZ.

-Data Format: SEG-2 standard. SEG-D and SEG-Y is also possible2.

-SIPQC and SeisImager is set up for preliminary analysis in the field and requires connection to an instrument for operation. It is possible to find full desktop version of such packages in Geometrics.

-Data Storage: Stores the data in a laptop / personal computer in SEG2. In

SEG2/D/Y, there are drivers to store on a tape/disk 2.

-Power supply: Requires 12V external battery. Uses 0.65 W/channel during data collection; in sleep mode reduces power consumption by 70%.

-Ambient Conditions: Between -30- 70 ^{o}C. Resistant to water. Resistance to drop over its 6 face and 8 corners on a concrete floor from 1m altitude.

Passes MIL810E/F vibration tests.

-Dimensions: 10" Length x 12" Width x 7" Height (25.4cm x 30.5cm x 17.75cm). Weight 8 lb. (3.6 kg). It uses single sided, weather resistance Bendix 61 pod connector for geophone plugging.

As a general application, profile geometries are selected in a manner to perform a total of 70 m sequence, with the geophone range being 5.0m and offset distance being 5.0m. Seismic recording inside the boundaries of study site is shown in Photo-3.

As a seismic source, a sledgehammer weighing 8kg was used. The measured values was modeled as 1B using a "Seisimager". Seismic tracks, time-distance graphs and underground velocity sections for Seismic profiles are provided in ANNEX-7.1.1.

6.4.1.1. Analysis of Dynamic - Elastic Parameters

Values of respectively density (ρ), maximum shear modulus (G_{max}), young modulus (E_d), Poisson ratio (ν), bulk modulus (k), seismic velocity ratio (V_p/V_s) were calculated in order to determine dynamic – elasticity parameters of the soil according to calculated V_p and V_s velocities. The calculated engineering parameters are given in Table–3. The program developed by Özçep (2005) was used in the calculation.

Table 3. Soil dynamic-elastic engineering parameters calculated according to Vp and Vs wave speeds.

SEQ. NO	Tbk	V_p (m/s)	V_s (m/s)	h (m)	V_{s30}	Vp/Vs	ρ (gr/cm3)	G_{max} (kg/cm2)	E_d (kg/cm2)	V	q_u (kg/cm2)	K (kg/cm2)	Geologic Unit
Jfsis-1	1	691	250	2	957	2.76	1.6	992	2826	0.42	4.1	6255	Tr+Ym
	2	1938	818	13		2.37	2.1	13742	38246	0.39	59.4	58811	Kkh
	3	3634	2009	-		1.81	2.4	96996	248295	0.28	451.2	188040	Kkh
Jfsis-2	1	610	403	11	709	1.51	1.5	2498	5560	0.11	12.0	2393	Tr+Ym
	2	1619	1265	-		1.28	2.0	31419	45010	0.28	158.8	9572	Kkh
Jfsis-3	1	646	190	7	498	3.40	1.6	563	1637	0.45	2.2	5761	Tr+Ym
	2	1854	630	10		2.94	2.0	8061	23132	0.43	32.9	59066	Kkh
	3	2252	1717	-		1.31	2.1	62861	101308	0.19	316.5	24323	Kkh
Jfsis-4	1	546	436	12	640	1.25	1.5	2844	3527	0.38	14.3	668	Tr+Ym
	2	1727	930	-		1.86	2.0	17258	44725	0.30	79.3	36502	Kkh
Jfsis-5	1	892	561	11	715	1.59	1.7	5324	12487	0.17	25.3	6361	Tr+Ym
	2	1401	849	-		1.65	1.9	13650	33027	0.21	64.6	18970	Kkh
Jfsis-6	1	408	264	7	743	1.55	1.4	970	2210	0.14	4.6	1023	Tr+Ym
	2	1138	851	3		1.34	1.8	13019	22541	0.13	64.9	5923	Kes
	3	3283	1935	-		1.70	2.3	87726	216479	0.23	414.5	135558	Kkh
Jfsis-7	1	525	420	11	600	1.25	1.5	2612	3143	0.40	13.2	583	Tr+Ym
	2	1994	797	-		2.50	2.1	13138	36917	0.40	56.0	64721	Kes
Jfsis-8	1	419	337	6	730	1.24	1.4	1590	1858	0.42	8.0	338	Tr+Ym
	2	2181	1031	-		2.12	2.1	22484	60982	0.36	100.1	70638	Kes
Jfsis-9	1	708	245	5	777	2.89	1.6	958	2745	0.43	3.9	6726	Tr+Ym
	2	2133	1372	-		1.55	2.1	39596	90844	0.15	190.8	42908	Kes
Jfsis-10	1	447	263	7	656	1.70	1.4	984	2432	0.24	4.6	1531	Tr+Ym
	2	2088	1204	-		1.73	2.1	30331	75883	0.25	142.0	50779	Kes

(tr+ym) Vs_1 Velocities range between 190 m/s – 561 m/s in the old alluviums and hillside rubbles located in the east section of the study site. Vs velocities take values

ranging between 630 m/s - 1935 m/s in Hisarköy Formation (Kkh) located under the tr+ym formation, which is in the south-east of the area. Vs velocities range between 797 m/s and 1294 m/s in the Serpentine Olistolites (Kes) situated under tr+ym formation to the north-west of the area.

As a result of Salem (2000) laboratory tests and field measurements, V_p/V_s ratio was calculated between 1.28-2.11 (average value 1.74) in alluvium soils, between 1.97-2.65 (average value 2.30) in partially saturated soils, and between 2.30-3.20 a (average value 2.75) in fully saturated soils. Though it not possible to generalize these values, which are obtained in a certain region, the results indicate that the locations where V_p/V_s ratio is greater than 3.00 the soil may have been saturated with water (Başokur et al. 2002). In this respect, V_p/V_s sections may provide quantitative information on the water contents of soils (Başokur et al. 2002).

As a result of the consideration of Vp/Vs ratios in the study site, we think that, as Vp/Vs ratios in all the alluviums and hillside rubbles (tr+ym) in the study site is 3.40 at Sis-3 location, these units are saturated with water, and the other sections of the study site is not water saturated since Vp/Vs rates are between 1.20-2.50 in those sections.

Table – 4 : Compactness of Soil / Rock Mediums (Ercan,2001) According to Poisson's Ratio and Vp/Vs Ratio.

Poisson's Ratio	Soil / Rock Compactness	Vp/Vs
0.5	Squish – Fluid	Infinite
0.4-0.49	**Very Loose**	**Sonsuz-2.9**
0.3-0.39	**Loose**	**2.49-1.87**
0.2-0.29	**Tight – Solid**	**1.87-1.71**
0.1-0.19	Solid	1.71-1.5
0-0.09	Strong	1.5-1.41

When Poisson's ratio and the Vp/Vs ratios calculated from seismic velocities in the study site are examined by taking into account Table-4; the old alluviums and hillside rubbles (tr+ym) located in the east section of the site are classified as **Very Loose / Loose / Solid Soil;** the sections where Hisarköy Formation (Kkh) are situated under tr+ym formation in the south-east of the site are classified as **Tight – Solid / Solid / Strong Soil;** and the Serpentine Olistolites (Kes) located under the tr+ym formation at the north-east of the site are classified as **Tight – Solid / Solid Soil.**

Average slip wave velocities for 30 m depth (Vs_{30}) are between the range of 498 m/s≤Vs_{30}≤957 m/s. Relative soil amplifications were calculated by soil classifications used as the basis of for earthquake regulations (DBYBHY (2006), NEHRP-UBC, TS EN 1998-1) and by Vs_{30} value changes, and they are provided in the coming chapters.

Vs_{30} distribution map for the study site is given at the annex of the report. In addition, slip wave velocity changes near the surface were mapped and given in ANNEX-9.

The definitions made using Vs30 values according to soil classification in international standards titled “National Earthquake Hazards Reduction Program-Uniform Building Code (NEHRP–UBC)” and “TS EN 1998-1 (Eurocode 8)” are given Table – 5.

Table – 5 : NEHRP – UBC and TS EN 1998-1 (Eurocode 8) Definitions

Measurement No.	**Jfsis-1**	**Jfsis-2**	**Jfsis-3**	**Jfsis-4**	**Jfsis-5**
NEHRP-UBC	B	C	C	C	C
TS EN 1998-1	A	B	B	B	B
Measurement No.	**Jfsis-6**	**Jfsis-7**	**Jfsis-8**	**Jfsis-9**	**Jfsis-10**
NEHRP-UBC	C	C	C	B	C
TS EN 1998-1	B	B	B	B	B

According to NEHRP-UBC definition, the sections of the site where Jfsis-1 and Jfsis-9 seismic profiles exist are in Class “B”, and other parts in Class “C”.

According to TS EN 1998-1 (Eurocode 8) definition, the region where Jfsis-1 seismic profiles exist are in Class “A”, and other part of the site are Class “B”.

Table – 6 : Classification according to Vs velocities in cohesive and non-cohesive soils (Özaydın, 1982).

In Non-Cohesive Soils		**In Cohesive Soils**	
S Wave Velocity**(m/s)**	Soil Status	S Wave Velocity (m/s)	Soil Status
<300	Loose	<200	Soft – Middle Solid
300-600	Medium Tight	200-300	Solid
600-800	Sıkı	300-500	Very Solid
800-1000	Çok sıkı	500-750	Strong

When the distribution of Vs_1 (1^{st} layer slip wave velocity) in the site is examined taking into account the classification in Table – 6, and since Vs_1 velocity is between 190-264 m/s at the Jfsis-1-3-6-9-10 obtained over old alluviums and hillside rubbles (tr+ym) located at the east sections of study site, they are observed as loose soils; and the Vs_1 velocities at the other sections of the site is between 337-561 m/s , these sections are classified as medium – tight class.

Table -7 : Definitions of soil properties according to maximum shear modulus [Kramer (1996)] and dynamic elasticity modulus [Bowles (1988)].

Gmax (kg/cm^2)	**Soil Property**	**Ed(kg/cm^2)**	**Soil Property**
0-600	Loose Soils	0-2000	Loose Soils
600-3000	Medium Strong Soils	2000 – 10000	Medium Strong Soils
3000 – 10000	Strong Soils	10000 – 30000	Strong Soils
> 10000	Very Strong Soils	> 30000	Very Strong Soils

Table – 8 : Classifications made in the study site on the basis of slip wave velocity, maximum shear modulus and dynamic elasticity modulus

SEQUENCE NO	**Kramer** (1996)	**Bowles** (1988)
Jfsis-1	Medium Strong Soils	Medium Loose Soils
	Very Strong Soils	Very Strong Soil
	Very Strong Soils	Very Strong Soil
Jfsis-2	Medium Strong Soils	Medium Loose Soils
	Very Strong Soils	Very Strong Soil
Jfsis-3	Loose Soils	Loose Soils
	Strong Soils	Strong Soils
	Very Strong Soils	Very Strong Soil
Jfsis-4	Medium Strong Soils	Medium Loose Soils
	Very Strong Soils	Very Strong Soil
Jfsis-5	Strong Soils	Strong Soils
	Very Strong Soils	Very Strong Soil
Jfsis-6	Medium Strong Soils	Medium Loose Soils
	Very Strong Soils	Strong Soils
	Very Strong Soils	Very Strong Soil
Jfsis-7	Medium Strong Soils	Medium Loose Soils
	Very Strong Soils	Very Strong Soil
Jfsis-8	Medium Strong Soils	Loose Soils
	Very Strong Soils	Very Strong Soil
Jfsis-9	Medium Strong Soils	Medium Loose Soils
	Very Strong Soils	Very Strong Soil
Jfsis-10	Medium Strong Soils	Medium Loose Soils
	Very Strong Soils	Very Strong Soil

When maximum shear modulus (G_{max}) values are considered in the study site; it is seen that the soil can be classified as strong at the (tr+ym) Jfsis-3 location in the old alluviums and hillside rubbles at the east part; as loose at (tr+ym) Jfsis-3 location in the east of the site; as strong at Jfsis-5 location; as medium strong in section where the other points are located; as very strong at the sections where Hisarköy Formation (Kkh) is located under tr+ym formation in the south-east; and as very strong in Serpentine Olistolitis (Kes) located under tr+ym formation in the north-east of the field.

When dynamic elasticity modulus (E_d) values are examined according to Bowles (1988) and Kramer (1996); it is seen that the soil can be classified as loose at (tr+ym) Jfsis-3 location in the old alluviums and hillside rubbles situated in the east part of the site; as strong in Jfsis-5 location; as middle loose in sections where other points are; very strong soils in the sections where Hisarköy Formation (Kkh) is under tr+ym formation in the south-east; and very strong in Serpentine Olistolites (Kes) located under tr+ym formation in the north-east of the site (Table-8).

In order to be able to prevent structural damages that may originate from the soil , it is obligatory that the principles of “Design of Structures Resistant to Earthquake” should be strictly complied with.

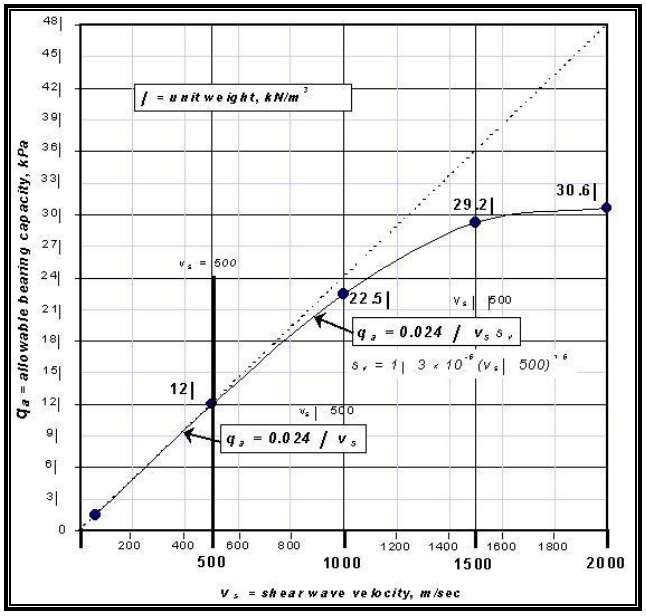
Below are the distribution maps according to values of shear modulus (G_{max}) and dynamic elasticity modulus (E_d).

6.4.1.2. Permissible Bearing Strength Calculation Based on Slip Wave Velocity for Shallow Foundations

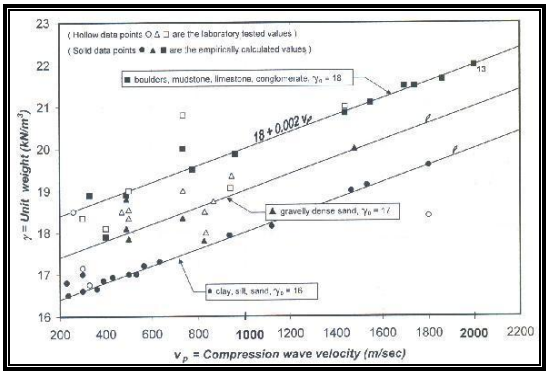
In order to obtain an idea about permissible bearing capacity of the soils in the study site, slip wave velocity (V_s) values are taken as the basis, and the relations provided by Tezcan and Özdemir (2006), Tezcan et al. (2006a), Tezcan et al. (2006b) (Figure 8.9) were used and and permissible bearing capacity values were calculated.

Soil allowable stresses calculated from the slip wave velocities are regular with respect to distribution and do not show any irregular changes. In addition, it contains a reliable coefficient against slip collapses and intolerable settlements (Tezcan and Özdemir 2006,Tezcan et al. 2006a, Tezcan et al. 2006b).

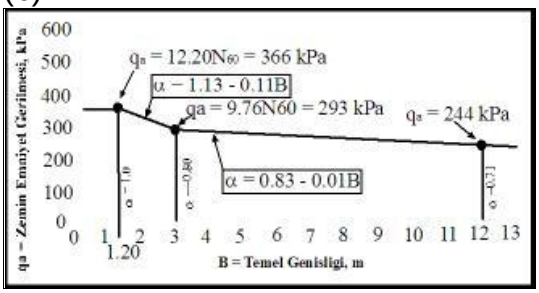
Figure-4 : (a) Permissible bearing capacities of soils based on slip wave velocity value (Tezcan et al., 2006a) (b) Unit volume weight values based on lengthwise wave velocity values (Tezcan et al., 2006a) (c) Effect of foundation width on the bearing strength (Tezcan et al., 2006)



(a)



(b)



(c)

There is a direct relation between the average unit volume weight of a soil layer and V_p lengthwise wave velocity. The relation between field-measured V_p lengthwise wave velocity values and unit volume weight values (Figure 8.9) provides a reliable value for the design (Tezcan et al. 2006a, Tezcan et al. 2006b). The slip wave velocity measured at the site reflects such parameters as natural water content, effective stress, environment pressure, relative compactness, gap ratio, deviation from uniformity, discontinuity, heterogeneity, slip and pressure strength properties, contribution of geologic age etc., and real soil conditions to the calculation of soil allowable stress (Tezcan et al. 2006a, Tezcan et al. 2006b, Tezcan and Özdemir 2006).

B foundation width was accepted as 2.00m. As the excavation layer to be removed from the study site is approximately 10-15 m thick, separate permissible bearing capacity values were calculated for 1st layer velocities and 2nd velocities.

Table - 9 : Permissible Bearing Strength values calculated for soil using slip wave velocity.

Meas. No	q_a (kPa)		Meas. No	q_a (kPa)	
	1st Layer	2nd Layer		1st Layer	2nd Layer
Jfsis-1	95	379	**Jfsis-6**	97	363
Jfsis-2	151	514	**Jfsis-7**	156	372
Jfsis-3	72	296	**Jfsis-8**	124	469
Jfsis-4	162	415	**Jfsis-9**	94	566
Jfsis-5	217	372	**Jfsis-10**	97	520

The permissible bearing capacity values (qa) calculated according to slip wave velocity values range between 72 kPa ≤ qa ≤ 217 kPa for old alluviums and hillside rubbles at the near-surface zones, and between 296 kPa ≤ qa ≤ 566 kPa for 2nd Layers. The results of the analysis performed for each profile is given in Table 9. These values are foresighted values only and should not be used in settlements.

6.4.1.3. Analysis of soil amplification and governing soil vibration period values, and soil classes calculated pursuant to the "Regulations on the Buildings to be Constructed in Earthquake Zones – (2007)"

Relative soil amplification values in the study site were calculated using slip (Vs) wave velocities and the equation proposed by Midorikawa (1987), and are given in Table-10. The calculated amplifications are non-dimensional.

$A_k = 68\ V_1^{-0.6}$ (V_1 < 1100 m/s)

$A_k = 1$ (V_1 > 1100 m/s)

V_1 = Average S wave velocity for foundation depth

The dominant vibration period of the soil is the "period" occurring when the soil mass over the main rock gets into "free oscillation", and depends on the dynamic properties of the soil layers (Aytun, 2001). It is calculated by utilizing thickness and slip wave velocity of the nondurable units lying over the durable soil. The software program prepared by Özçep (2005) was used in the calculations.

Dominant vibration period of the soil (Kanai, 1983) was calculated using the following equation, and given in Table 8.10;

$$T_0 = \Sigma\ 4H_i / Vs_i$$

Table -10 : Relative soil amplification factors and soil dominant vibration periods, calculated in seismic profiles.

Meas. No	**Sis-1**	**Sis-2**	**Sis-3**	**Sis-4**	**Sis-5**
Ak	1.1	1.3	1.6	1.4	1.3
To	0.17	0.23	0.29	0.27	0.26
Soil Group	Z1	Z1	Z1	Z1	Z1
Meas. No	**Sis-6**	**Sis-7**	**Sis-8**	**Sis-9**	**Sis-10**
Ak	1.3	1.5	1.3	1.3	1.4
To	0.20	0.30	0.24	0.21	0.25
Soil Group	Z2	Z1	Z2	Z2	Z2
To: Soil dominant vibration periods (sec) **Ak:** Relative soil amplification (non-dimensional)					

Table - 11. (a) Micro-zoning criteria according to soil dominant vibration periods; (b) Micro-zoning criteria according to spectral amplifications (Ansal et al., 2004)

(a)		**(b)**	
Range of soil dominant vibration periods	**Definition of the Criteria**	**Spectral Amplification**	**Level of Risk**
0.10 – 0.30 s	**A**	**0.0 – 2.5**	**A (Low)**
0.30 – 0.50 s	B	2.5 – 4.0	B (Medium)
0.50 – 0.70 s	C	4.0 – 6.5	C (High)
0.70 – 1.00 s	D		

Calculated values of dominant vibration period are between 0.17-0.30. According to Ansal et al. (2004) criteria, the values of dominant vibration period changes of the study site are in class “A” for low risk level (Table -11). When the map of dominant vibration period distribution given in Annex is examined, it is thought that those parts of the study site where Jfsis-3 and Jfsis-7 location are situated have higher values, that is, these parts bear higher risks compared to the other sections.

Relative soil amplification factors are between 1.1-1.5. According to the criteria of Ansal et al. (2004), spectral amplification value changes in the study site are generally in class “A low risk level” (Table-11). When the soil amplification values presented in the Annex are examined, it is thought that those parts of the study site where Jfsis-3 and Jfsis-7 location are situated have higher values, that is, these parts bear higher risks compared to the other sections.

From this point of view, attention should be paid to the geotechnical problems that may originate from amplification, structure size and foundation analyses should be made accordingly, and the design principles for earthquake resistant structures should be complied with.

Slip wave velocities (Vs) in the study site and Vs1 values calculated using Uchiyama et al. (1984) are taken as the basis, and Soil groups and local soil classes were identified pursuant to “Regulations on the Buildings to be Constructed in Earthquake Zones – (2007)”, which are given in Table-12 and 13.

Table -12. Soil Groups

Soil Group	Soil Group Definition	Standard Penetration (N/30)	Relative Compactness (%)	Free Pressure resistance (kPa)	Slip Wave Velocity (m/s)
A	1- Massive and volcanic rocks, non-disintegrated metamorphic rocks, sediment rocks with hard cement 2- Very tight sand, gravel 3- Solid clay and silty clay	- >50 >32	- 85-100 -	>1000 - >400	>1000 >700 >700
B	1- Loose volcanic rocks such as trass and agglomerate, disintegrated, cemented sedimentary rocks with discontinuity planes 2- Tight sand, gravel 3- Very solid clay and silty clay	**-** 30-50 16-32	**-** 65-85 -	500-1000 - 200-400	700-1000 400-700 300-700
C	1- Excessively disintegrated metamorphic rocks and cemented sedimentary rocks, containing soft discontinuity planes 2- Medium tight sand, gravel 3- Solid clay and silty clay	- 10-30 8-16	- 35-65 -	<500 - 100-200	400-700 200-400 200-300
D	1- Soft, thick alluvium layers where underground water level is high 2- Loose sand 3- Soft clay, silty clay	- <10 <8	- <35 -	- - <100	<200 <200 <200

Table -13 : Local Soil Classes According to Earthquake Regulation

	Vs (m/s)	T_A-T_B (s)	V_P/V_S	G_S (kg/cm^2)	E_d (kg/cm^2)	Qs (kg/cm^2)
Z1(very tight hard)	>700	0,10-0.30	1,5-2,0	>10.000	>30.000	10-100
Z2 tight hard	400-700	0,15-0,4	2,0-2,5	3.000-10.00	10.000-30.000	5-10
Z 3 medium tight, disintegrated	200-400	0,15-0,60	2,5-3,0	600-3000	2.000-10.000	1,5-5
Z4 loose-soft	>200	0.20-0,90	3-10	>600	>1700	>1,5

When determining soil group, local soil class and spectrum characteristic periods, slip wave velocity (Vs) calculated along the seismic profiles - the velocities immediately under the depth where the structure foundations will set inside the layer thickness. Table - 14 provides soil group and local soil classes. These values are provided a general foresight.

Table -14 : Soil classes in the study site

Meas. No	Soil Group	Local Soil Class	Spectrum Characteristic Periods (s) Ta-Tb	Soil Dominant Vibration Period (To s)
Jfsis–1	A	Z1	0.10-0.30	0.17
Jfsis–2	B	Z1	0.10-0.30	0.23
Jfsis–3	B	Z1	0.10-0.30	0.29
Jfsis–4	B	Z1	0.10-0.30	0.27
Jfsis–5	B	Z1	0.10-0.30	0.26
Jfsis–6	C	Z2	0.15-0.45	0.20
Jfsis–7	B	Z1	0.10-0.30	0.30
Jfsis–8	C	Z2	0.15-0.45	0.24
Jfsis–9	C	Z2	0.15-0.45	0.21
Jfsis–10	C	Z2	0.15-0.45	0.25

Soil group and local soil classes; the measurements taken demonstrate that the sections containing Jfsis-1 location of the 2nd layer study site where the thickness of the layer near surface areas is below 3m, fall in Soil Group **A** and local soil class **Z1**; the sections containing Jfsis-6-8-9-10 locations fall in Soil Group **C** and local soil class **Z2**; and the other parts of the site fall in Soil Group **B** and local soil class **Z1**.

6.4.2.Electrical Resistivity Study

A Vertical Electrical Drilling (VED) study carried out in the study site at 21 point using the “Schlumberger Electrode Array”, and the data obtained was assessed single dimensionally (1D) using Cagniard spinners and in IPI2WIN software in computer environment. The Resistivity (res) values calculated as a result of the evaluation, layer depth, and possible lithology definitions are given in table-15, modeled VED curves are provided in Annex. AB/2 Electrode intervals were selected as 60 m, 70 m and 100 m at the measurement points.

Table -15 : Resistivity, layer depth values and possible lithology definitions determined in VED measurement points

Meas. No	Layer Depth (m)	Resis-tivity (Ωm)	Possible Lithology Definitions	Meas. No	Layer Depth (m)	Resis-tivity (Ωm)	Possible Lithology Definitions
VED-1	3 14 42	800 130 20 50	Block gravel Sand gravel silt Ophiolitic series Ophiolitic series	**VED-12**	4,5 16 32	120 230 540 55	Sand, gravel Block, sandy gravel Limestone Ophiolitic series
VED-2	2 4 16	210 85 320 50	Sandy gravel Clayed sand gravel Block sand-gravel Ophiolitic series	**VED-13**	1,5 12 29 38	90 180 20 350 40	Sand clay gravel Block, sandy gravel Ophiolitic series Limestone Ophiolitic series
VED-3	3 14 35	70 190 1200 75	Sandy silty clay Block, sandy gravel Limestone Ophiolitic series	**VED-14**	3 16 23 70	100 27 95 21 90	Sand, gravel Sandy silty clay Ophiolitic series Ophiolitic series Ophiolitic series
VED-4	2,5 8 26 38	44 105 42 260 27	Sandy silty clay Sandy gravel Ophiolitic series Ophiolitic series Ophiolitic series	**VED-15**	3 9 29 75	90 28 62 30 110	Clay sand gravel Sandy silty clay Ophiolitic series Ophiolitic series Ophiolitic series
VED-5	2,5 6 8,5 15 23	150 60 420 85 360 55	Sand, gravel Clayed sandy gravel Block gravel Clayed sandy gravel Limestone Ophiolitic series	**VED-16**	1,5 8 42	100 80 16 80	Sand gravel Sandy clayed gravel Ophiolitic series Ophiolitic series
VED-6	1,5 7 32	100 160 65 29	Sand, gravel Block sand gravel Ophiolitic series Ophiolitic series	**VED-17**	5 16 13 25	82 32 13 25	Clayed sandy gravel Pebbly sandy clay Ophiolitic series Ophiolitic series
VED-7	4 6 12 24	120 280 68 540 88	Sand, gravel Block sand gravel Clayed sandy gravel Limestone Ophiolitic series	**VED-18**	1,5 6 29	180 110 29 40	Sand, gravel, blk Sandy clayed gravel Ophiolitic series Ophiolitic series
VED-8	4,5 14 45	750 280 20	Block, sand, Sandy gravel block Ophiolitic series	**VED-19**	4 34	290 21 40	Block sand gravel Ophiolitic series Ophiolitic series

	60	190 15	Ophiolitic series Ophiolitic series				
VED-9	2 6 13 30	120 200 90 340 60	Sand, gravel Block, sandy gravel Clayed sandy gravel Limestone Ophiolitic series	**VED-20**	3 17	350 17 25	Block sand gravel Sandy silty clay Ophiolitic series Ophiolitic series
VED-10	2 4 12 38	100 250 140 55 85	Sand, gravel Block gravel Clayed sandy gravel Ophiolitic series Ophiolitic series	**VED-21**	4 18 30	190 28 90 25	Block sand gravel Sandy silty clay Ophiolitic series Ophiolitic series
VED-11	8 23 28 46 65	65 26 120 19 90 15	Clay, sand, gravel Ophiolitic series Ophiolitic series Ophiolitic series Ophiolitic series Ophiolitic series				

By means of the results obtained, the Resistivity characteristics of the units forming the study site and the units were assessed from geotechnical aspect. Examining the calculated Resistivity values, we can summarize the information on the profiles given in the Annex, taking into account the geology map and mechanical drilling data of the area, as follows:

A-A' Profile: It passes through bottom side of the study site, along the road from measurement point nos. 2, 8, 12, 13, 14, 17, 20 and 21. Sequencing is made in these 8 points such that AB/2 is 100 m. In line with the measurements, there is an alluvial fill layer of average 16 - 18 m thick exist at the top. As can be seen in the profile, the block sand gravel with a resistivity value between 100-750 Ωm has a thickness ranging between 100-750 Ωm. The lower sections of the fill has developed into the mixture of sand-gravel-silt at measurement point nos. 2, 8, 12, and 13, and into little gravel clay-silt-sand mixture at measurement point nos. 14, 17, 20 and 21. Main rock is composed of ophiolitic series. There are limestone blocks with chert inside the ophiolitic unit. These limestone layers were cut at measurement point nos. 8, 12, and 13 immediately after alluvium layers. Inside ophiolitic series, disintegrated and clayed levels and mudstones giving resistivity values between 10-25 Ωm are more commonly observed. Levels producing high resistivity values (25-55 Ωm) are defined as serpentine, radiolarite, gabbro, and diabase.

B-B' Profile:
Measurement point nos. 4, 6, 10, 11, 15, 16, 18, and 19 pass from the upper side of the study site. The sequencing in B-B' profile was made to ensure AB/2 is maximum 60 – 70 m due to topographic conditions. As can be seen in the profile, the thickness of the top alluvial fill layer varies between 4 – 12 m, with the thickest point (12 m) occurring at measurement point no.10. In line with the measurements taken, the fill layer has developed more in hillside rubble, clayed sandy gravel, and clayed block. Main rock is composed of ophiolitic series. Inside the ophiolitic series, disintegrated and clayed levels and mudstones giving resistivity values between 15-25 Ωm are more commonly observed. Levels producing high resistivity values (25-110 Ωm) are defined as serpentine, radiolarite, gabbro, and diabase.

C-C' Profile: This profile has NW – SE direction extending towards the middle section of the study site, and VED measurements were taken at 5 points to ensure AB/2 is 70 – 100 m. In line with the measurements taken, there is an alluvial fill layer at the top with a thickness changing between 12-15 m. Alluviums have developed more as sand gravel with blocks and as clayed sandy gravel. In this C-C' profile passing from measurement point nos. 1, 3, 5, 7, and 9, there exists limestone units with chert immediately after alluvium in all measurement points except no.1, which produce a resistivity value between 340 – 1200 Ωm. At measurement point no.1, there are disintegrated and clayed levels and mudstones giving resistivity values between 15-25 Ωm inside the ophiolitic series, after the alluvium unit. Levels producing high resistivity value (25-110 Ωm) such as serpentine, radiolarite, gabbro, and diabase are more commonly observed.

D-D' Profile: The D-D' profile of the study site in the east-west direction passes from point nos. 4, 3, and 2. The thickness of the top alluvial filler layer varies between 8 – 16 m. VEM measurement were taken to ensure AB/2 is 100. In line with the measurements taken, the thickness of the top alluvial fill layer varies between 2 - 4 m on average containing sandy silt and sandy clay levels with blocks and some gravels, which produces resistivity values of 40-85 Ωm. Under this layer, lie sand gravel levels with blocks demonstrating continuity, which produce resistivity values of 100-320 Ωm. At measurement point no.3, a limestone layer containing chert with a resistivity value of 1200 Ωm is encountered immediately after the alluvial fill. In other measurement points, levels producing a high resistivity value (25-260 Ωm) such as serpentine, radiolarite, gabbro, and diabase are more commonly observed.

7. GEOTECHNICAL LABORATORY TESTS

Soil and rock mechanic tests performed on the SPT anc core drill samples obtained during drilling works, as well as the original test sheets for the obtained results are presented in ANNEX-4.

7.1. Determining Soil Index – Physical Properties

A hillside rubble layer of 12.00-19.00 m thickness was penetrated during the foundation drilling works made in the power plant site in the study area. In SPT tests, soil identification was performed on the soil samples obtained. Hillside rubble has blocks, is pebbly, sandy, clayed and with poor gradation.

It is not yet clear where and at what altitude the building foundations are to be set in the study site. Therefore, Standard Penetration Tests (SPT) were applied, which will aid in the determination of soil bearing strength in all the drilling works.

Besides, several Investigation Pits were opened at certain points of the site, and samples to identify the soil were taken.

Results of laboratory tests on SPT samples and on the samples obtained from Investigation Pits are summarized in Tables-4 and 5.

Table – 4: Results of Standard Penetration Tests (SPT)

Pit / Drilling No.	Sample No	Depth (m)	Water content (%)	Sieve Analysis		Atterberg Limits			Soil Class
				No. 4 Retained (%)	200 Passing (%)	LL (%)	PL (%)	PI (%)	
SK-1	SPT-2	3.00-3.45	13.7	25.9	28.6	28.6	14.6	14.0	SC
"	SPT-4	6.00-6.45	7.8	46.0	17.8	32.0	16.8	15.2	GC
"	SPT-6	9.00-9.45	16.1	16.3	54.6	36.7	18.0	18.7	CL
SK-2	SPT-2	3.00-3.45	10.1	22.8	28.2	30.4	15.5	14.9	SC
"	SPT-4	6.00-6.45	13.6	1.7	75.3	44.2	21.6	22.6	CL
"	SPT-6	9.00-9.45	9.6	40.2	15.7	33.0	19.6	13.4	SC
"	SPT-8	12.00-12.45	11.6	1.2	75.3	36.2	18.5	17.7	CL
"	SPT-11	16.50-16.95	16.7	1.5	1.9		NP		SP
SK-3	SPT-1	1.50-1.95	8.0	31.9	20.1	29.8	15.3	14.5	SC
"	SPT-3	4.50-4.95	6.4	68.6	7.8		NP		GM
"	SPT-5	7.50-7.95	6.0	84.0	3.1		NP		GW
"	SPT-8	12.00-12.13	14.5	10.7	48.5	27.3	16.7	10.6	SC
SK-4	SPT-1	1.50-1.95	10.9	12.4	35.2	29.4	18.3	11.1	SC
"	SPT-3	4.50-4.95	9.4	23.6	10.9		NP		SW-SM
"	SPT-5	7.50-7.95	9.0	23.4	2.4		NP		SP
"	SPT-7	10.50-10.95	10.0	27.0	6.8		NP		SP-SM
SK-5	SPT-1	1.50-1.95	15.9	8.0	53.8	35.3	18.4	16.9	CL
"	SPT-3	4.50-4.95	16.7	1.4	75.3	37.3	19.6	17.7	CL
"	SPT-5	7.50-7.95	14.5	21.3	35.0	31.2	17.3	13.9	SC
"	SPT-7	10.50-10.95	14.5	2.6	71.7	37.9	19.6	18.3	CL
"	SPT-9	13.50-13.95	21.9	2.5	69.6	54.3	21.4	32.9	CH
"	SPT-11	16.50-16.95	27.0	3.2	58.0	31.9	18.6	13.3	CL
SK-6	SPT-2	3.00-3.45	11.4	14.2	60.2		NP		ML
"	SPT-4	6.00-6.45	20.3	6.2	53.1	27.7	16.5	11.2	CL
"	SPT-6	9.00-9.18	9.4	23.8	13.0		NP		SM

Table – 5: Results of the Samples of Investigation Pits

Pit / Drilling No.	Sample No	Depth (m)	Water content (%)	Sieve Analysis		Atterberg Limits			Soil Class
				No. 4 Retained (%)	200 Passing (%)	LL (%)	PL (%)	PI (%)	
AÇ-1	NUM-1	3.00	8,6	28,5	15,8	30,6	15,9	14,7	SC
AÇ-2	NUM-1	3.00	10,2	28,1	19,0	29,9	16,4	13,5	SC
AÇ-3	NUM-1	3.00	12,9	20,3	31,8	31,6	16,6	15,0	SC
AÇ-4	NUM-1	3.00	13,6	21,1	32,5	34,0	17,8	16,2	SC
AÇ-5	NUM-1	3.50	9,0	23,9	39,2	30,8	15,6	15,2	SC
AÇ-6	NUM-1	3.00	6,2	51,6	16,0		NP		GM
AÇ-7	NUM-1	3.00	3,6	41,0	8,3	30,5	18,6	11,9	SW-SC
AÇ-8	NUM-1	3.00	8,5	46,7	31,9	26,7	13,4	13,3	GC
AÇ-9	NUM-1	3.00	14,9	6,6	53,1	33,7	19,5	14,2	CL
AÇ-10	NUM-1	3.00	8,2	8,7	13,8	29,5	16,2	13,3	SC

7.2. Determining Mechanical Properties of the Soil

As a result of the single-axis pressure and point loading tests performed on the rock samples obtained during the drilling work, the unit was determined to be ***medium-strong and weak rock (R2-R3) (SK-1-SK-2-SK-3-SK-4-SK-5-SK-6) class,*** according to the soil strength classification made.

7.3. Rock Mechanic Tests

Single-axis pressure resistance tests were made on the drilling core samples obtained from the foundation drilling wells opened in the study site. Point loading test was performed only one sample that is not in appropriate size and length, with all results being summarized in Table-6 together.

Table -6 : Single Axis Pressure Tests for Drilling Core Samples

Drilling No	Sample No	Depth (m)	Sample Length (mm)	Sample Diam. (mm)	Sample Weight (g)	Natural Unit Volume Weight (kN/m^3)	Sample Section Area (cm^2)	Tipping Load P (kg)	Single Axis Pressure Test q_u (kg/cm^2)	Point Loading Test I_s (kg/cm^2)
SK-1	DRILLING CORE-1	16,80-16,95	121	59	906,75	26,89	27,34	19821	725	
SK-2	DRILLING CORE-1	23,70-24.00	125	62	961,57	25.00	30,19	11563	383	
"	DRILLING CORE-2	24.50-24,70	128	62	936,35	23,77	30,19	8423	279	
SK-3	DRILLING CORE-1	16.50-16,65	59	58	421,20	26,51	26,42	2062		61,3
"	DRILLING CORE-2	18,30-18.50	126	59	913,56	26,02	27,34	15857	580	
SK-4	DRILLING CORE-1	16,70-16,90	123	61	908,36	24,79	29,22	11865	406	
"	DRILLING CORE-2	24,80-25.00	125	61	882,58	23,70	29,22	6429	220	
SK-5	DRILLING CORE-1	22,20-22,40	123	61	900,82	24,58	29,22	9849	337	
SK-6	DRILLING CORE-1	20.00-20,15	120	58	851,91	26,36	26,42	18759	710	
"	DRILLING CORE-2	21,80-22.00	121	60	897,38	25,73	28,27	16625	588	

8. GEOTECHNICAL PROPERTIES OF SOIL AND ROCK TYPES

8.1. Classification of Soil and Rock Types

The dominant Lithology emerging in the surface in the drillings opened in Power Plant Site is Hisarköy Formation. Between 12.00m ile 19.00m from the surface, terrace material and hillside rubble were penetrated, which are composed of grains having varying sizes from gravel, sand, silt, to clay.

Under these units, conglomerate and limestone main rock were encountered. As a result of the single-axis pressure and point loading tests performed on the rock samples obtained during the drilling work, the unit was determined to be ***medium-strong and weak rock (R2-R3) (SK-1-SK-2-SK-3-SK-4-SK-5-SK-6) class*** according to the soil strength classification made.

Table-6: Rock classification according to single-axis pressure resistance

Class of the Rock	Single-axis pressure test **(kgf/cm^2)**
Very highly resistant	>2000
Highly resistant	***2000-1000***
Medium resistant	***1000-500***
Low resistant	***500-250***
Very Low resistant	<250

Deere and Miller, 1996; Calculation of Safe Bearing Strength (qem)

8.2. Engineering Zones and Soil Profiles

Several geological sections passing through drillings and Investigation Pits were extracted in the power plant installation site, and submitted at the report annex.

8.3. Soil Dynamic - Elastic Parameters

The data obtained in the geophysical studies in order to determine soil dynamic and elastic parameters of the soils of study site are presented in details in geophysical studies section.

8.4. Swelling – Sitting - Bearing Strength - Liquefaction Analysis and Evaluation

Swelling – Sitting Analysis

The hillside rubble or terrace materials of sandy – pebbly nature, that will constitute the foundation of the power plant, and the foundation rocks are problem-free soils. Such risks are not to be expected in soils of these types.

Bearing Strength Calculations

Bearing Strength Calculation with Single Axis Compressive Strength in Soils;
SPT-N values obtained from soils of hillside rubble and terrace materials situates at the upper levels is minimum N=10, and at lower depths the values increase depending on the depth and may reach up to N=40.
As there is not any information available on the size and depth of the foundation of the planned structures at this stage, the following calculations are made for N=10 (N' = 8 is used by depth correction);
From
q_{em} = N x 11 (Peck, 1974) equation;
q_{em} = 8 x 11 = 88 kPa = 0,8 kg/cm^2

For N = 40 (taking N'=34)
q_{em} = 3,4 kg/cm^2 is found.

Calculation of Bearing Strength for the rocks forming the foundation is made by selecting minimum (SK-4 drilling core-2) and maximum (SK-1 drilling core-1) values. Figures -5 and 6 were used in the calculations.

q_{limit} = Nms x C_0
For Safety coefficient GS=3, safe Bearing Strength
Rock type =D
Middle rock, Nms=0.069

SK-1 (Drilling core -1; Depth: 16.80-16.95m)
Single Axis Pressure Test qu =725 kgf/cm^2
q_{limit} = Nms x C_0
Taking C_0 =qu= 725 kgf/cm^2
q_{limit} = 0.069 x 725 = 50.02 kgf/cm^2
Safety coefficient GS=3, safe Bearing Strength
q_{safe} = 50.02 / 3 = 16,67 kgf/cm^2 = 1.667 kPa can be taken.
(1 kgf/cm^2 = 98 kpa)

In studies related with the project design, It is recommended that the values of permissible Bearing Strength in this region be taken as **q = 16 kg/cm^2** depending on disintegration, resistance, and other conditions associated with discontinuity of the geologic unit,

SK-4 (Drilling core -2; Depth: 24.80-25.00m)
Single Axis Pressure Test qu =220 kgf/cm^2
q_{limit} = Nms x C_0
taking C_0 =qu= 220 kgf/cm^2
q_{limit} = 0.069 x 220 = 15.18 kgf/cm^2
For safety coefficient GS=3, safe Bearing Strength
q_{safe} = 15.18 / 3 = 5.06 kgf/cm^2 = 506 kPa can be taken.
(1 kgf/cm^2 = 98 kpa)

These values are intended to determine general characteristic features of other soil in the study area. They should be revised according to such parameters as Foundation type, foundation depth, foundation sizes etc.

Rock Category	General Description	Rock Type	C_o (1)	
A	Carbonate rocks with well-	Dolostone	700- 6,500	4,800-45,000
	developed crystal cleavage	Limestone	500- 6,000	3,500-42,000
		Carbonatite	800- 1,500	5,500-10,000
		Marble	800- 5,000	5,500-35,000
		Tactite-Skarn	2,700- 7,000	19,000-49,000
B	Lithified argillaceous rock	Argillite	600- 3,000	4,200-21,000
		Claystone	30- 170	200- 1,200
		Marlstone	1,000- 4,000	7,600-28,000
		Phyllite	500- 5,000	3,500-35,000
		Sihstone	200- 2,500	1,400-17,000
		Sbalc<2)	150- 740	1,000- 5,100
		Slate	3,000- 4,400	21,000-30,000
C	Arenaceous rocks with strong	Conglomerate	700- 4,600	4,800-32,000
	crystals and poor cleavage	Sandstone	1,400- 3,600	9,700-25,000
		Quartzite	1,300- 8,000	9,000-55,000
D	Fine-grained igneous	Andesite	2,100- 3,800	14,000-26,000
	crystalline rock	Diabase	450-12,000	3,100-83,000
E	Coarse-grained igneous and	Amphibolite	2,500- 5,800	17,000-40,000
	metamorphic crystalline rock	Gabbro	2,600- 6,500	18,000-45,000
		Gneiss	500- 6,500	3,500-45,000
		Granite	300- 7,000	2,100-49,000
		Quartzdiorite	200- 2,100	1,400-14,000
		Quartzrnonzonite	2,700- 3,300	19,000-23,000
		Schist	200- 3,000	1,400-21,000
		Syenite	3,800- 9,000	26,000-62,000

Figure – 5: Rock Types (AASHTO,2002)

Rock Mass Quality	**General Description**	**RMR(1) Rating**	**NGI(2) Rating**	**RQD(3) (%)**	**A**	**B**	**N_{ms}(4) C**	**D**	**E**
Excellent	Intact rock with joints spaced > 10 feet apart	100	500	95-100	3.8	4.3	5.0	5.2	6.1
Very good	Tightly interlocking, undisturbed rock with rough unweathered joints spaced 3 to 10 feet apart	85	100	90-95	1.4	1.6	1.9	2.0	2.3
Good	Fresh to slightly weathered rock, slightly disturbed with joints spaced 3 to 10 feet apart	65	10	75-90	0.28	0.32	0.38	0.40	0.46
Fair	Rock with several sets of moderately weathered joints spaced 1 to 3 feet apart	44	1	50-75	0.049	0.056	0.066	0.069	0.081
Poor	Rock with numerous weathered joints spaced 1 to 20 inches apart with some gouge	23	0.1	25-50	0.015	0.016	0.019	0.020	0.024
Very Poor	Rock with numerous highly weathered joints spaced < 2 inches apart	3	0.01	<25	Use q_{uh} for an equivalent soil mass				

Figure-6: N_{ms} Values according to rock type and quality (AASHTO, 2002)

Liquefaction Analysis

Andrew and Martin (2000), who re-evaluate these values by considering USA liquefaction cases (accepting upper size of the clay particles as 0.002 mm), proposed that if clay ratio of the soil is less than 10% and liquid limit of the No.40 under-sieve material is equal to or greater than 32%, it is likely that the soil can liquefy; that in cases where the clay ratio is higher than 10% and liquid limit is greater than 32%, cyclic liquefaction is not very likely, and that the soils falling between these two limits should be tested (Seed v. d., 2001, DRM, 2004).

9. HYDRO GEOLOGIC PROPERTIES

9.1. Underground Water Status

According to the data obtained from soil study drillings and Investigation Pits, underground water levels are as follows;

Drilling No:	Underground Water Level (UGWL)
SK-1	14.00 m
SK-2	17,20 m
SK-3	7,10 m
SK-4	10.20 m
SK-5	None
SK-6	None
SK-7	3.00 m

However, the underground water levels measured during drillings are instant levels showing seasonal changes.
No underground water is encountered in the Investigation Pits opened during the study.
The most important water resource is Kızılırmak River. There are also various surface streams and dried creek beds with seasonal flow in the surrounding area.

Kızılırmak River enters the provincial territory in the south, in Çelebi Town, flows towards north, heads northwest in the central town, and then leaves the provincial territory setting the Çankırı -Kırıkkale provincial boundary in the north.

9.2. Supply of Plant Usage Water

Within the scope of the activities under the project, water will be needed to obtain steam in order to operate the steam turbine during the operation phase of the power plant, and to use in the wet type cooling tower. Approximately 382 lt/s water supply is required, and it planned to obtain the necessary water from Kızılırmak River and/or from caisson wells.

The studies carried out indicates that deep well drilling for water supply is not very likely since the formations do not have aquifer properties. Instead of this adverse situation, it is recommended to use shallow drilling with caisson wells rather than geological studies. For this purpose, No. SK-7 drilling (at 12 m depth) was bored, as can be seen in the map section in ANNEX-1. Alluvium layer of 12 m thick was penetrated in the drilling, with the last 3m is clayed silt.

As can be seen in the log for SK-7 drilling in Annex-2, k= 10^{-4} (less permeable) and k= 10^{-2} (very permeable) values were determined according to the free permeability tests. As a result, it is recommended to open caisson wells of minimum 5 m diameter and 10 m deep in order to provide water to the plant.

In the light of the drilling works made in the field, it was understood that usage water needed for the plant can be provided by multi caisson wells. Various alternatives

are examined by optimizing alternative diameters and location ranges for caisson wells. Detailed works made for this purpose are given below in relative order.

A) Alternative – I : Water supply system with caisson wells

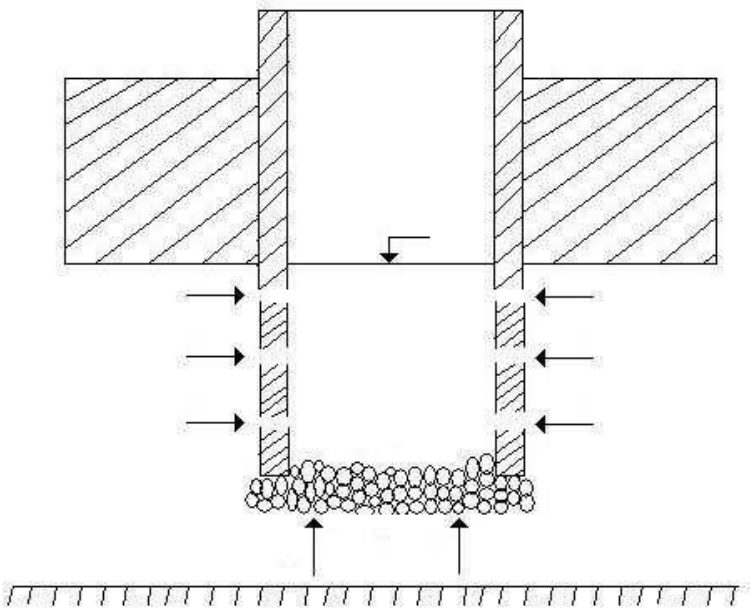


Figure: 7 – Wells receiving water both from the base and from the sides

The proposed caisson well type is one that can receive water from both the base and the sides.
Calculation of water to be received by such wells is made according to Darcy Law.
Calculations are made according to diameters of 5m and 6m, and to the distances of the wells to the river (L=30, 40 m), and their schematic layouts are given in Figure-8.

For a well of 5m diameter and 10m depth (L= the distance of the wells to the river, 40m);
The flow is calculated by the following formula:
Q= A.i.k
Where,
Q: flow rate
i: hydraulic gradient
k: permeability coefficient
A: area.
$A= \pi.r^2 + 2\ \pi.r.h$
i=h/L
Accordingly:
$Q= \pi.r^2 + 2\ \pi.r.h.\ h/L.k$
Q=3.14 x 6.25 + 2 x 3.14 x 2.5 x 10 x 10 /40 x 43.2
$Q= 1907.5\ m^3$/day (available flow of a well)
For a total water supply need of 33004 m^3/day, the number of wells required is calculated as 17.

For a well of 5m diameter and 10m depth (L= the distance of the wells to the river, 30m);
The flow is calculated by the following formula:
Q= A.i.k
$A= \pi.r^2 + 2\ \pi.r.h$
i=h/L
Accordingly;
$Q= \pi.r^2 + 2\ \pi.r.h.\ h/L.k$
Q= 3.14 x 6.25 + 2 x 3.14 x 2.5 x 10 x 10 / 30 x 43.2
Q= 2543.33 m^3/day (available flow of a well)
For a total water supply need of 33004 m^3/day, the number of wells required is calculated as 13.

For a well of 6m diameter and 10m depth (L= the distance of the wells to the river, 30m);
The flow is calculated by the following formula:
Q= A.i.k
$A= \pi.r^2 + 2\ \pi.r.h$
i=h/L thus accordingly,
$Q= \pi.r^2 + 2\ \pi.r.h.\ h/L.k$
Q= 3.14 x 9 + 2 x 3.14 x 3 x 10 x 10 / 30 x 43.2
Q= 3088.70m^3/day (available flow of a well)
For a total water supply need of 33004 m^3/day, the number of wells required is calculated as 11.

For a well of 7m diameter and 9.50m depth (L= the distance of the wells to the river, 30m);
The flow is calculated by the following formula:
Q= A.i.k
$A= \pi.r^2 + 2\ \pi.r.h$
i=h/L thus accordingly,
$Q= \pi.r^2 + 2\ \pi.r.h.\ h/L.k$
Q=3.14 x 12.25 + 2 x 3.14 x 3.50 x 9.50 x 9.50 / 30 x 43.2
Q= 3386.28m^3/day (available flow of a well)
For a total water supply need of 33004 m^3/day, the number of wells required is calculated as 10.

For a well of 8m diameter and 9.50m depth (L= the distance of the wells to the river, 30m);
The flow is calculated by the following formula:
Q= A.i.k
$A= \pi.r^2 + 2\ \pi.r.h$
i=h/L thus accordingly,
$Q= \pi.r^2 + 2\ \pi.r.h.\ h/L.k$
Q= 3.14 x 16 + 2 x 3.14 x 4 x 9.50 x 9.50 / 30 x 43.2
Q= 3956.04m^3/day (available flow of a well)
For a total water supply need of 33004 m^3/day, the number of wells required is calculated as 8.

For a well of 8m diameter and 9.50m depth (L= the distance of the wells to the river, 25m);

The flow is calculated by the following formula:
Q= A.i.k
A= $\pi.r^2 + 2\ \pi.r.h$
i=h/L thus accordingly,
Q= $\pi.r^2 + 2\ \pi.r.h.\ h/L.k$
Q= 3.14 x 16 + 2 x 3.14 x 4 x 9.50 x 9.50 / 25 x 43.2
Q= 4742.25m^3/day (available flow of a well)
For a total water supply need of 33004 m^3/day, the number of wells required is calculated as 7.

For a well of 8m diameter and 9.90m depth (L= the distance of the wells to the river, 30m);
The flow is calculated by the following formula:
Q= A.i.k
A= $\pi.r^2 + 2\ \pi.r.h$
i=h/L thus accordingly,
Q= $\pi.r^2 + 2\ \pi.r.h.\ h/L.k$
Q= 3.14 x 16 + 2 x 3.14 x 4 x 9.90 x 9.90 / 25 x 43.2
Q= 5113.68m^3/day (available flow of a well)
For a total water supply need of 33004 m^3/day, the number of wells required is calculated as 7.

For a well of 8m diameter and 9.90m depth (L= the distance of the wells to the river, 20m);
The flow is calculated by the following formula:
Q= A.i.k
A= $\pi.r^2 + 2\ \pi.r.h$
i=h/L thus accordingly,
Q= $\pi.r^2 + 2\ \pi.r.h.\ h/L.k$
Q= 3.14 x 16 + 2 x 3.14 x 4 x 9.90 x 9.90 / 20 x 43.2
Q= 6393.8m^3/day (available flow of a well)
For a total water supply need of 33004 m^3/day, the number of wells required is calculated as 6.

As a result of the above calculations made for water supply by wells, the alternative option involving a well diameter of D=8m, depth 9.90 m, L= 25 m distance to the river, and number of the wells to be opened 7 is recommended.

However, during the final project stage, first the properties of alluvium units should be demonstrated by opening pumping, observation or caisson wells, and the number of the wells with the diameter and depth recommended in this study should be verified.

During the operation stage, the grains around the wells will displace as the water is withdrawn, and a natural filtration will occur, which will positively contribute to the water extraction in the wells.

When the wells are constructed, a filter layer should be formed inside the well base with a thickness of no less than 25cm, with the particle size getting bigger from the well base upwards.

Pump suction pipe should be at least 1m above the well base.

Water height in the well during the operation should not be allowed to drop below 2m.

Alternative: I

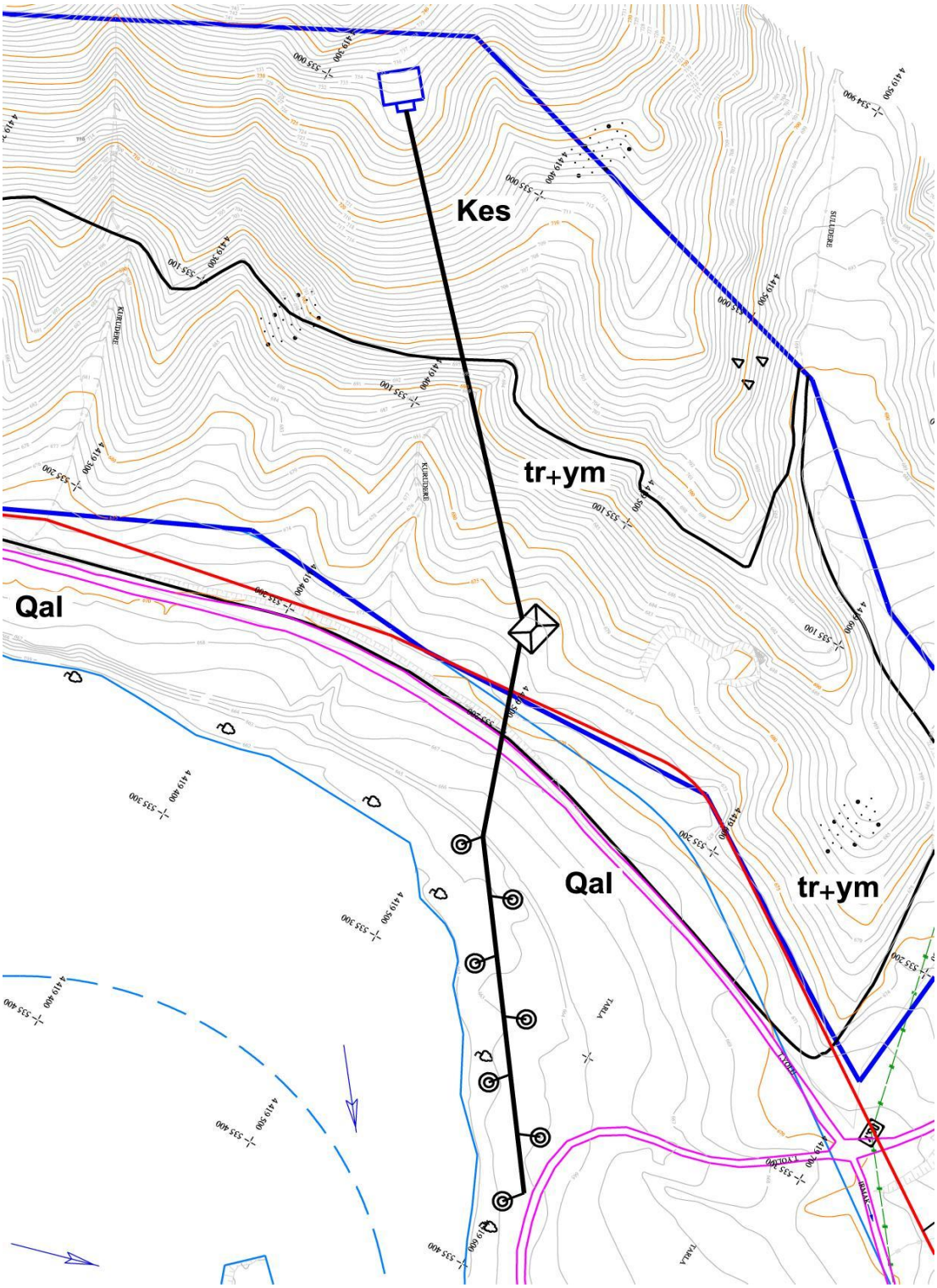
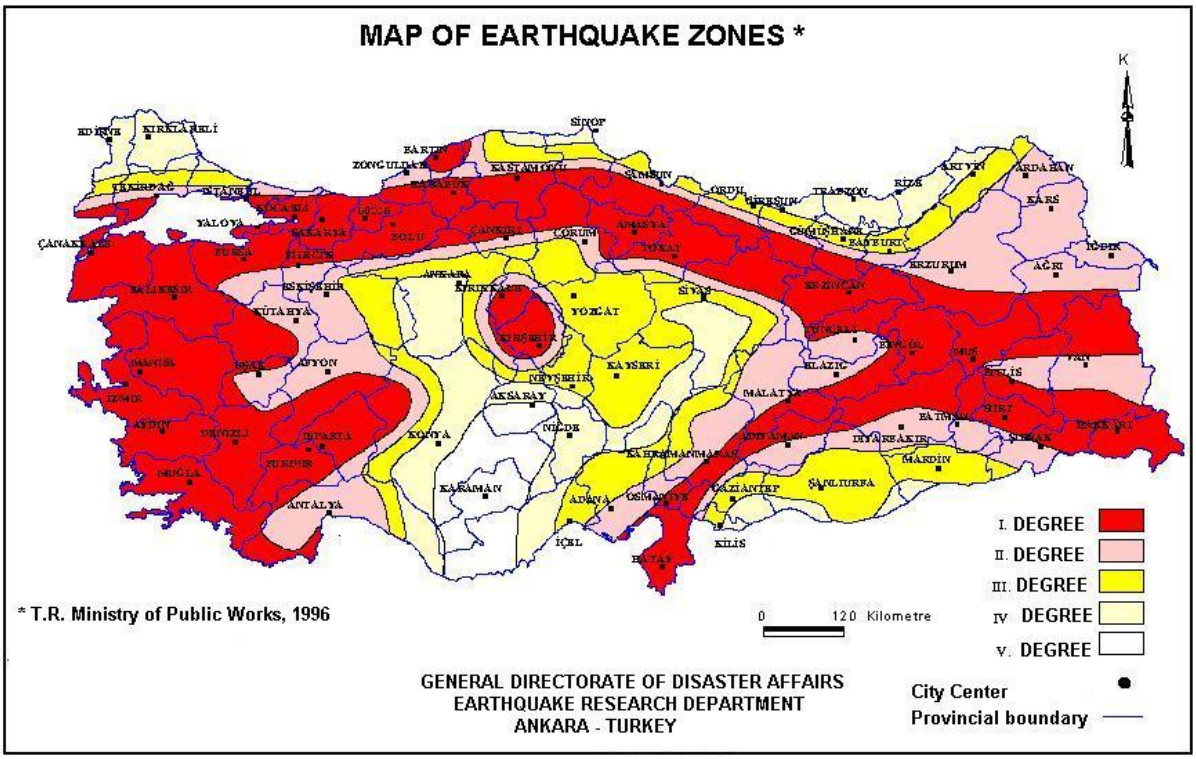


Figure – 8: The alternative involving multi caisson wells

10. ASSESSMENT OF NATURAL DISASTER HAZARDS

10.1. Earthquake Status

With respect to earthquake risks, the center of Kırıkkale City is within Degree I earthquake zone while earthquake risks decreases towards the west gradually, and falls down to Degree IV. Project site remains Degree II earthquake zone (Figures-10 and 11). Provisions of "Regulations on the Buildings to be Constructed in Earthquake Zones" should be complied with regarding the works to be carried out under the project.



Figure–9: Earthquake Map of Turkey

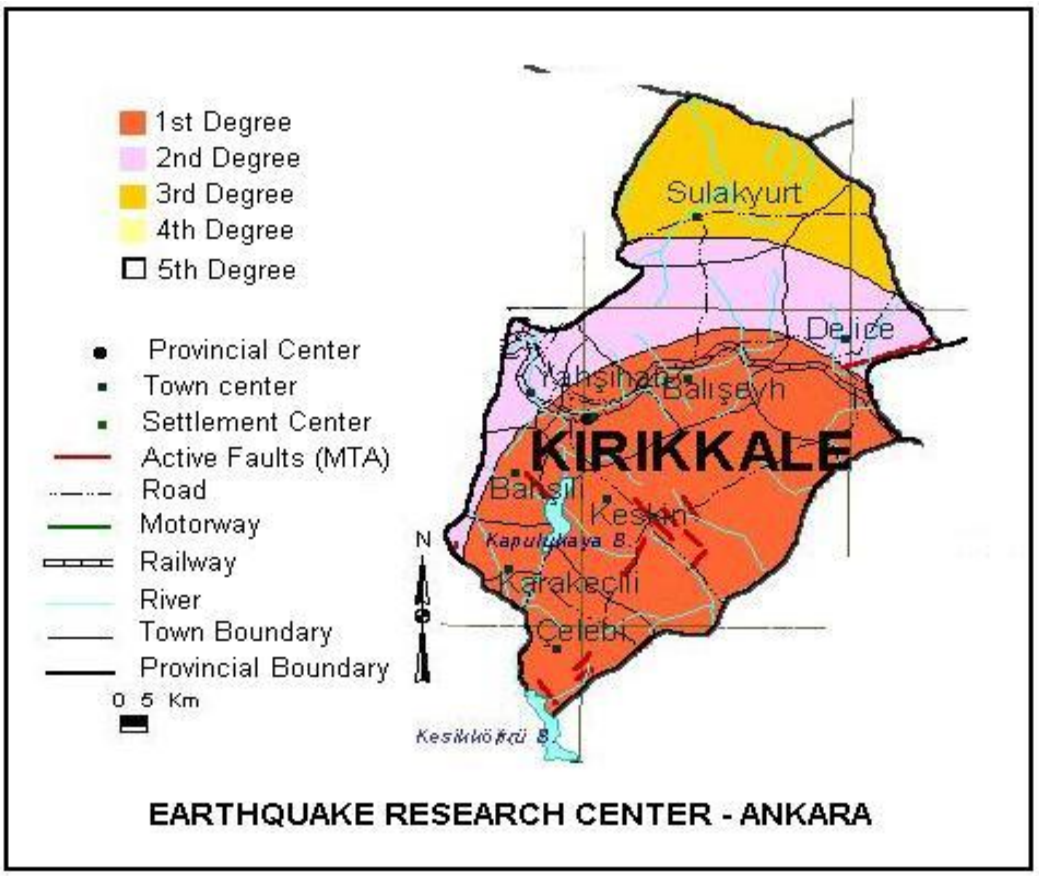


Figure – 10 : Earthquake map of Kırıkkale province.

11. ASSESSMENT OF THE STUDY AREA WITH RESPECT TO THE HOUSING SETTLEMENT

The study area is one which is suitable for settlement when its geological and geotechnical properties are taken into account.

It is inevitable to deal with sloped excavations since the project site is inclined. Therefore, the loose parts covering the upper sections of the soil that is comprised of hillside rubble and terrace materials should be removed absolutely, and the upper part should be fixed to the lower sections that are tighter using an appropriate foundation system, or methods such as socket-fixing it to the main rock with a stake system should be selected.

It is recommended that a slope ratio of 1/1 should be applied in the excavations to be made in the soils that is comprised of tight hillside rubble + terrace materials. Suitable materials obtained from excavation works can be used in filling works.

There are not any active adverse conditions governing in the study site that will affect the unit to be constructed in the project site (such as landslide, fault etc.).

12. CONCLUSION AND RECOMMENDATIONS

This Report covers the geological and geotechnical studies based on the municipal development plan for the site where **"ESER Natural Gas Combined Cycle Power Plant"** with an installed power of 835 MW to be situated on an area of 227.000 m2 at Plot no.6, Island No. 103, which will be constructed by Farcan Energy Production Inc Co., within boundaries of Kılıçlar Municipality, Yahşiyan Town, Kırıkkale Province.

A total of 152.5 m drilling work was made at 7 different locations between 12.03.2011 - 04.04.2011 in the Natural Gas Cycle Power Plant site covered by the study area. Six (6) of these drilling works was geotechnical drillings made in the project site, and one (1) was planned outside the plant site, as a caisson well aiming to determine soil permeability.

In addition to these works, Investigation Pits were also opened at 10 points in the Power Plant Site. Also, seismic measurements were made at 10 points and resistivity measurements at 20 points.

The geologic structure of the study site is comprised of current alluviums in Kızılırmak river bed, of hillside rubble and terrace materials in almost all of the study area, and of Hisarköy formation (Kkh) and serpentines above the elevation of 700-705 m. Upper levels of hillside rubble and terrace materials are loose-medium texture while lower levels are tight – very tight in texture. Soil Bearing Strength in the loose-medium texture soil is around 0,88 kg/cm^2, this value goes up to qem = 3,4 kg/cm^2 in the tight textured soils. In rocks, Bearing Strength value varies between 5 – 16 kg/cm^2.

Vs_1 velocities are between 190 m/s and 561 m/s range at the terrace material (old alluviums) and hillside rubbles located at the each section of the study site. In the Hisarköy Formation (Khk) under Tr+ym formation in the south-east part of the study site, these Vs velocities get values between 630 m/s and 1935 m/s. These velocities range between the values of 797 m/s and 1294 m/s in Serpentine Olistolites (Kes) located under Tr+ym formation in the north-east of the study site.

When the Vp/Vs ration in the study site is examined closely, it can be seen that the entire old alluviums and hillside rubble are saturated with water since Vp/Vs ratio is 3.40 at Sis-3 location, and that the other parts of the site are not water saturated as Vp/Vs rates are between 1.20-2.50 in those parts.

When Poisson's ratios and Vp/Vs ratios calculated from the seismic velocities are considered by taking into account Table - 4, the terrace and hillside rubbles (tr+ym) at the east part of the study site fall into very loose - loose - solid class, parts containing Hisarköy Formation (Kkh) under the Tr+ym formation in the south-east part of the study site fall into tight solid – solid – strong soil class, and the Serpentine Olistolites (Kes) located under tr+ym formation in the north-east fall into tight solid – solid soil class.

According to NEHRP-UBC definitions, the soils at the sections where the Jfsis-1 and Jfsis-9 seismic profiles are located are class "B", and in the other parts of the study site, the soils are class "C".

According to TS EN 1998-1 (Eurocode 8) definition, the region where Jfsis-1 seismic profiles are fall into Class "A", and the other parts of the site fall into Class "B".

When Vs_1(1^{st} layer slip wave velocity) distribution in the site is considered taking into account the classification in Table – 6, the study site falls into Loose Soils since Vs_1 velocity varies between 190-264 m/s at Jfsis-1-3-6-9-10 location obtained over terrace and hillside rubbles (tr+ym) in the east of the site, and the other parts of the site fall into medium tight soils class since Vs_1 velocities are between 337-561 m/s in those parts.

When maximum shear modulus (G_{max}) values are considered; the soils in (tr+ym) Jfsis-3 location in terrace and hillside rubbles in the east part of the site are in Loose, and in Jfsis-5 location fall in strong soils class, while the other parts fall in Medium Strong Soils class. The parts where Hisarköy Formation (Kkh) are located under tr+ym formation in the south-east of the site fall into Very Strong Soils class, and the Serpentine Olistolites (Kes) under the tr+ym formation in the north-east of the site fall into Very Strong Soils class.

When dynamic elasticity modulus (E_d) values are examined; according to Bowles (1988) and Kramer (1996), the Jfsis-3 location in the terrace material and hillside rubbles (tr+ym) located in the east part of the site fall into Loose, the Jfsis-5 location fall into strong soils, and the parts containing other points fall into medium Loose Soils class. The parts where Hisarköy Formation (Kkh) are located under tr+ym formation in the south-east fall into Very Strong Soils class, and the Serpentine Olistolites (Kes) located under tr+ym formation in the north-east of the site fall into Very Strong Soils class (Table – 8).

The permissible bearing capacity values (qa) calculated according to the slip wave velocity values of the soils vary between 72 kPa ≤ qa ≤ 217 kPa in old alluviums and hillside rubble close to the surface in the study site, and for 2^{nd} layers between 296 kPa ≤ qa ≤ 566 kPa. The results of each profile of the analysis are given in Table – 9. These data should be seen as a foresight and not used for public settlements purposes.

Calculated dominant vibration period values for soil are 0.17-0.30 s. According to criteria by Ansal et al. (2004), the value changes for the dominant vibration period are low for the entire study site, class “A”, falling into low hazard class (Table - 11). When the dominant vibration period distribution map given in Ek-14 is examined, it is thought that the parts of the site where Jfsis-3 and Jfsis-7 locations have higher values, that is, they bear more risks compared to other parts.

Relative soil amplification factors are between 1.1-1.5. According to the criteria by Ansal et al. (2004), the spectral amplification values fall into class “A – Low Hazard Level” in the site generally (Table - 11). When the soil amplification values provided in the Annex for study site are examined, it is observed that the vales for the parts containing Jfsis-3 and Jfsis-7 locations have higher values, that is, they bear more risks compared to other parts.

The measurements for soil group and local soil classes at the near-surface areas with layer thickness below 3m show that the part containing Jfsis-1 location of 2^{nd} layer study site falls into Soil Group **A** and local soil class **Z1** category, the parts containing Jfsis-6-8-9-10 locations falls into Soil Group **C** and local soil class **Z2** category, and other parts of the study site fall into Soil Group **B** and local soil class **Z1** category.

Water will be needed in order to obtain steam during the operation of the steam turbine for the activity within the scope of the Project, and for the wet type cooling

tower. Approximately 382 lt/s water is needed, and it is planned to supply this water from Kızılırmak river and/or caisson wells. The studies carried out indicate that it is not possible to supply water by opening deep drilling wells due to absence of formations of aquifer nature. Considering this adverse situation, No. SK-7 drilling well was opened (at 12 m depth). Alluvium layer of 12m thick was penetrated in the drilling work, with the final 3 m being silty clay. According to free permeability tests performed in the drilling, it is around k= 10^{-4} (less permeable) and k=10^{-2} (very permeable).

An alternative well comprised of 8m well diameter, 9.50m depth and L= 25m river distance for the supply of usage water to the plant is found appropriate and recommended in this study. However, during the final project stage, the properties of alluvium units should be determined first by opening pumping, observation or caisson wells, and the number of the wells with the diameter and depth recommended in this study should be verified.

During the operation stage, the grains around the wells will displace as the water is withdrawn, and a natural filtration will occur, which will positively contribute to the water extraction in the wells.

When the wells are constructed, a filter layer should be formed inside the well base with a thickness of no less than 25cm, with the particle size getting bigger from the well base upwards.

Pump suction pipe should be at least 1m above the well base.

Water height in the well during the operation should not be allowed to drop below 2m.

The study area is suitable for settlement when the geologic and geotechnical properties of the foundation soil are taken into account.

It is inevitable to deal with sloped excavations since the project site is inclined. Therefore, the loose parts covering the upper sections of the soil that is comprised of hillside rubble and terrace materials should be removed absolutely, and the upper part should be fixed to the lower sections that are tighter using an appropriate foundation system, or methods such as socket-fixing it to the main rock with a stake system should be selected. It is recommended that a slope ratio of 1/1 should be applied in the excavations to be made in the soils that are comprised of tight hillside rubbles + terrace materials. Suitable materials obtained from excavation works can be used in filling works.

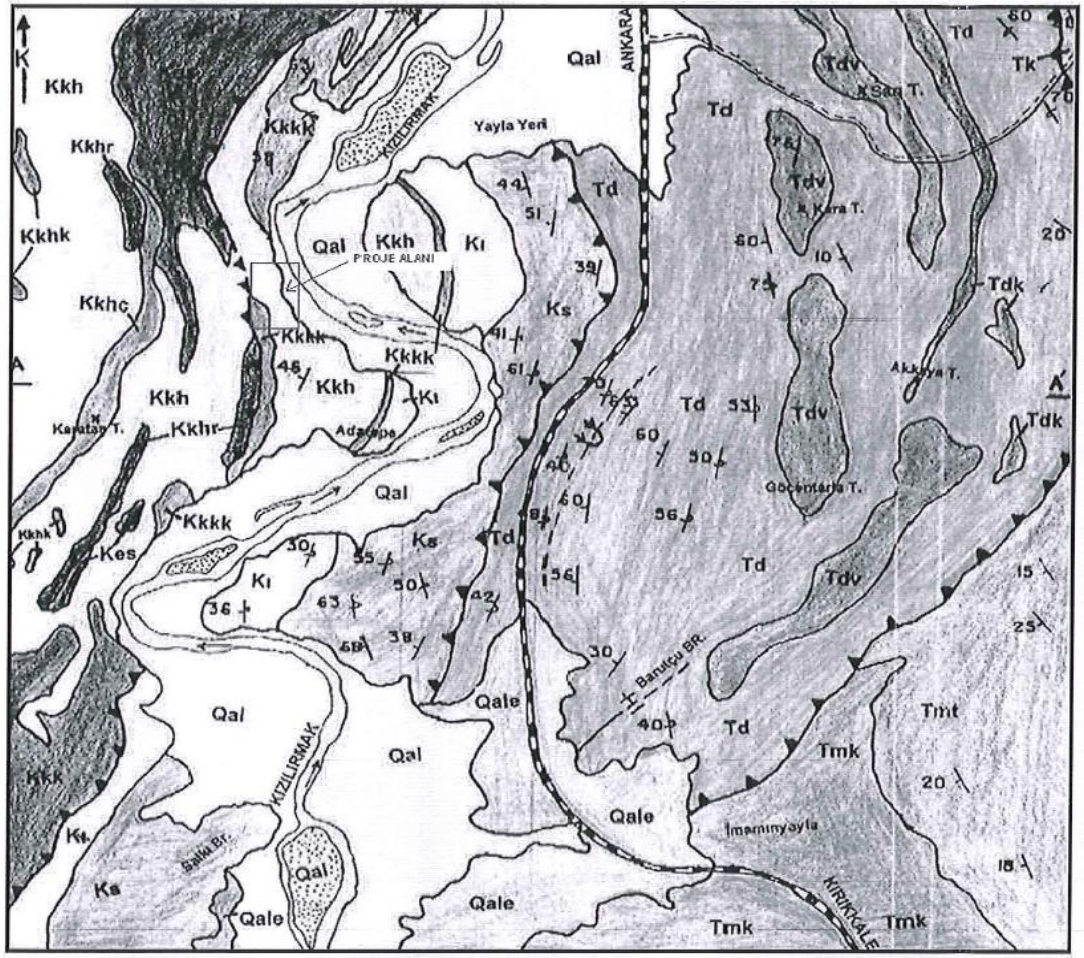
There are not any active adverse conditions governing in the study site that will affect the unit to be constructed in the project site (such as landslide, fault etc.).

Project area lies in Degree II earthquake zone (Figures-7 and 8).

Provisions of “Regulations on the Buildings to be Constructed in Earthquake Zones” should be complied with regarding the works to be carried out under the project.

The sandy-pebbly hillside rubbles or terrace materials as well as foundation rocks that will constitute the foundation in the power plant site are problem-free soils with respect to swelling, sitting and liquefaction properties of the soil. Such risks are not expected in these types of soils.

GEOLOGY MAP AND SECTIONS OF KIZILIRMAK – ADATEPE VICINITY





LEGEND

Qal	Qal	Alluviums, clay, sand, gravel
Qale	Qale	Old Alluvium,: insufficiently attached clay, silt, sand, gravel
Tmt	Tmt	Mahmutlar Formation, Taşlıdere Member ; sand stone with tufa
Tmk	Tmk	Mahmutlar Formation, Karagedik Member; shale
Tk	Tk	Keçili Formation, cross bedding, conglomerate, sand stone
Td	Td	Dizilitaşlar Formation (td): conglomerate, sand stone, shale Channel fills (Tdv), Lime stone (Tdk)
Ks	Ks	Samanlık Formation: conglomerate, sand stone, shale
Ki	Ki	Ilıcapınar Formation: Volcanic sand stone, conglomerate
Kes	Kes	Serpentine ophiolitic and olistostromes
Kkk	Kkk	Karadağ Formation (Kkk): conglomerate, sand stone, mudstone, Kurşunludüz Lime stone member - (Kkkk) pelagic argillaceous limestone
Kkh	Kkh	Hisarköy Formation (Kkh): volcano classic conglomerate, sand stone, mud stone, lime stone, radiolaritine member (Kkhr), Cengizpınar vulcanite member (Kkhc), Kocatepe Lime stone member (Kkhk)

- Layer strike and Inclination
- Overturned Layer strike and Inclination
- Formation limit
- thrust fault, possible thrust fault
- Fault, possible fault (+ Rising Block, - Falling Block)
- Asphalt Road
- Stabilized Road
- A — A Section Line

ANNEX – 10

The Institution Comment of DSİ 5th Regional Directorate of State Hydraulic Works

T.C.
MINISTRY OF ENVIRONMENT AND FORESTRY
General Directorate of State Hydraulic Works 5th Regional Directorate

Number: B.18.1 DSİ .05.03.00.0 – 754 – 130440 14 / 04 / 2011
Subject: Public Works

FARCAN ENERJİ ÜRETİM A.Ş.
Turan Güneş Bul.
Cezayir Cad.
718. Sok. No.14
Yıldız / ÇANKAYA
ANKARA

Ref: Your Letter dated 15.03.2011

In your reference correspondence, our view is requested concerning ESER Natural Gas Cycle Power Plant with an installed power to be installed by FARCAN Energy Generation Inc. Co., on the land parcel no.6, island no. 103, situated inside Kılıçlar Muncipality, Yahşihan Town, Kırıkkale Province.

As a consequence of the in situ inspection by our Regional Directorate, it is determined that the said real property of which location has been marked on the enclosed 1 / 25000 scale map does not take part within the scope of the DSİ Projects, and does not locate in the dam and lake protection area from which potable and service water are obtained, there is no YAS enterprise owned by our Institution: But, it is required to protect that against the polluting effects of underground water.

Further; provided you to strictly follow the decree no 2008 / 13558 dated 15.04.2008 published in the Official gazette that is enclosed to our letter, to protect dry crook beds with insignificant low drainage site passing through the said parcel as dry condition, to take measures against possible flood measures by the concerning persons and to solve the rain waters coming from the slopes in infrastructure, we see no harm to have local zoning plan carried out, for the said purpose.

I kindly submit for your information.

Signature
Sabahattin ÇAPKINOĞLU
Deputy Region Director

ANNEXES:
1) – 1 / 25000 scaled map (1 piece)
2) – circular (1 piece)
3) – Protocol ((1 piece)

DISTRIBUTION:
To:
FARCAN ENERJİ ÜRETİM A.Ş.
Turan Güneş Bul.
Cezayir Cad.
718. Sok. No.14

Yıldız / ÇANKAYA
ANKARA

cc:
DSİ 56th branch office
KIRIKKALE

AGREEMENT FOR THE MEASUREMENT OF WATER RESOURCE BY PLANT PLACES, SAND – GRAVEL, QUARRIES AND ALL KINDS OF STUDY REQUESTS ARE TO BE MADE BY THE MINISTRY OF ENVIRONMENT AND FORESTRY - DSİ (GENERAL DIRECTORATE OF STATE HYDRAULIC WORKS)

(PROTOCOL)

PARTIES TO AGREEMENT:
Article 1) This Protocol has been drawn up between GENERAL DIRECTORATE OF STATE HYDRAULIC WORKS, on the one hand and FARCAN ENERJİ ÜRETİM A.Ş. on the other hand on the following written conditions: In the Agreement, GENERAL DIRECTORATE OF STATE HYDRAULIC WORKS, hereinafter referred to as the "DSİ V. Region Directorate Ankara" and the party requested for study hereinafter referred to as FARCAN ENERJİ ÜRETİM A.Ş. ….. .

DEFINITION AND PERFORMING OF THE WORK:
Article 2) A commission to be constituted by the "DSİ V. Region Directorate" shall evaluate water resource, locations of the Plant, sand – gravel, quarry and all kinds of leasing requests by performing office and land works. The land works shall be realized by showing study place by means of a vehicle to be provided by the requester or DSİ. As a consequence of these studies, DSİ shall prepare a reasoned report pertains to water resource, locations of the Plant, sand – gravel, quarry and all kinds of leasing requests, by examining the effects which might be realized to present and aforethought projects, plants, dam and other DSİ structures of DSİ, including emphasizing the feasibility and rentability or operability conditions for plant construction.

AMOUNT AND PRICE:
Article 3) Within the scope of this Agreement a fixed price has been determined for performing of this work, by considering the fees of the technical staff in the Commission who would do the works specified in the Article 2 and the prices of the equipments and tools used in performing of this work. **The study fees have been determined as 249, 53 TL including VAT for water resource, locations of the Plant, sand – gravel, quarry and all kinds of leasing report until 31 / 12 / 2011.**

PROVISION FOR PAYMENT:
Article 4) A protocol will be drawn up, after the water resource, locations of the Plant, sand – gravel, quarry and all kinds of leasing requests have been communicated to the DSİ V. Region Directorate, between the requesters or their proxies and DSİ on fulfillment of demand.

Subsequent to signing the said protocol, the requester shall deposit the amount that was determined as **249, 53 TL** to the No I Accountancy Directorate of our Region against receipt or to the **correspondent account no. 1000 – 6170** of Ankara I. Accountancy Directorate for institutions at **T.R. Ziraat Bank Heykel / ULUS Branch.** After the mentioned payment transaction has been implemented by the requester, DSİ will do study work as regard with the water resource, locations of the Plant, sand – gravel, quarry and all kinds of leasing requests, drawn up a report and send that to the authorized body.

TAXES, DUTIES AND CHARGES
Article 5) All kinds of taxes, duties and charges and similar expenses being arisen from this Protocol shall be born by the requester.

SETTLEMENT OF DISPUTES
Article 6) the disputes, which might be arisen due to the performance of the protocols are to be made with state institutions and organizations shall be resolved within the framework of the provisions of the Law no 3533.

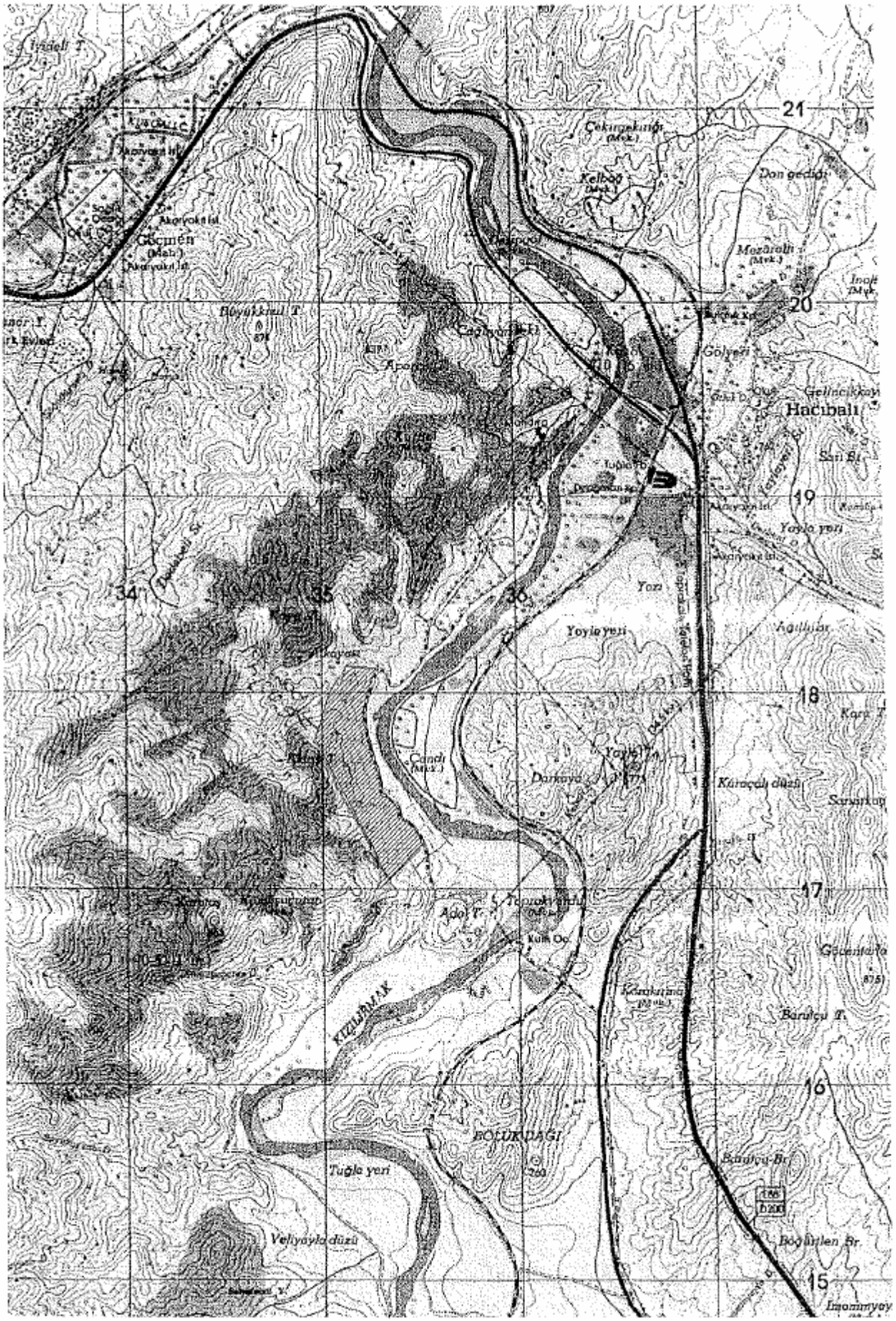
The disputes, which might be arisen due to the performance of the protocols, are to be made with the Private Enterprises are governed & settled by the Ankara Courts.
Article 7) This Agreement comprises of Seven Articles
is drawn up and signed on 11 / 04 / 2011 as 5 (five) copies.

NOTE: The fee has been collected from the requester with a breakdown dated 11 / 04 / 2011 No FO1927.

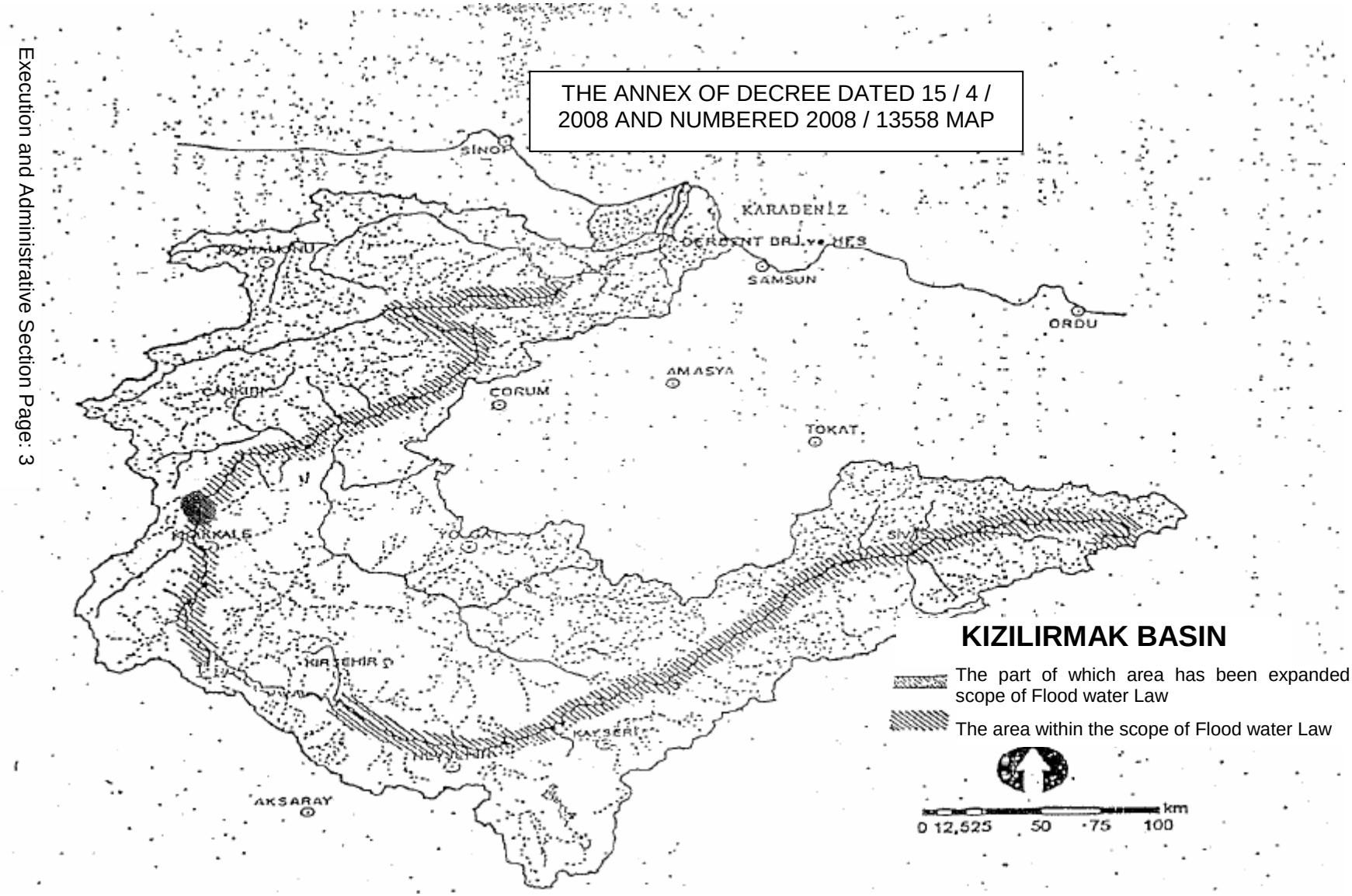
FARCAN Enerji Üretim A.Ş.

FARCAN ENERJİ ÜRETİM A.Ş.
Turan Güneş Bul. Cezayir Cad. 718. Sok. No.14
Yıldız / ÇANKAYA - ANKARA
Segmenler Tax Dept: 385 013 9544

DSİ V. BRANCH OFFICE
On behalf of
DSI V. BRANCH DIRECTOR
Seal and Signature of
Deputy Branch Director


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Hacıbalı
Gölyeri
Yayla yeri
Yazı
Yayla yeri
Ağıllıar
Kürecali düzü
Darkaya
Candı
Kelbağ
Çakırgeçidi
Mezarallı
Don geçidi
Güçmen
Akaryaka ist.
Tuğla yeri
Veliyayla düzü
BÖLÜKDAĞI
KIZILIRMAK
Barutçu Tr.
Boğazlıen Br.
İmamyay

Execution and Administrative Section Page: 3



No. of Resolution: 2008 / 13558

It has been decided, on 15 / 4 / 2008 by the Council of Ministers based on the letter of the Ministry Of Environment And Forestry dated 26 / 3/ 2008 and numbered 18807, according to the Article I of the Law no 4373 dated 14 / 1/1943,

To determine the following area as the area that can be stay under water by water flood or might be subjected to water floods;

The area near the Kızılırmak River as shown on the attached map;

- At the section up to the Derbent Dam Bridge from the Bridge where the Zara – Bolucan road intersects the Kızılırmak, so as to be the strip area has total 400 meters wide by being 200 m at right and 200 m at the left, from the bed axis;

- At the section stays between the Derbent Dam Bridge and Black sea; so as to be the strip area has total 700 meters wide by being 350 m at right and 350 m at the left, from the bed axis.

Abdullah GÜL
PRESIDENT

Recep Tayyip ERDOĞAN
Prime Minister

C. ÇİÇEK Secretary of state & Vice prime minister	H. YAZICI Secretary of state & Vice prime minister	N. EKREN Secretary of state & Vice prime minister	M. AYDIN Secretary of state
M. BAŞESKİOĞLU Secretary of state	B. YILDIRIM Deputy of Secretary of state	N. ÇUBUKÇU Secretary of state	F. N. ÖZAK Deputy of Secretary of state
M. S. YAZICIOĞLU Secretary of state	M. A. ŞAHİN Minister of Justice	F. ÇELİK Deputy Minister of National Defense	B. ATALAY Minister of Internal Affairs
A. BABACAN Minister of External Affairs	K. UNAKITAN Minister of Finance	H. ÇELİK Minister of National Education	F. N. ÖZAK Minister Of Public Works And Settlement
R. AKDAĞ Minister of Health	B. YILDIRIM Minister Of Transport And Communication	M.M. EKER Minister Of Agriculture And Rural Areas	F. ÇELİK Minister Of Labor And Social Security
M.Z. ÇAĞLAYAN Minister Of Industry And Trade	M.H. GÜLER Minister Of Energy And Natural Resources	E. GÜNAY Minister of Culture & Tourism	M. AYDIN Minister of Environment and Forest

ANNEX – 11

Kızılırmak Water Analysis

T.C. Çevre ve Orman Bakanlığı **Qualification Certificate No:** **Y-06/031/2008**	ÇINAR ENVIRONMENTAL LABORATORY **ÇINAR ENVIRONMENTAL MEASUREMENT and ANALYSIS LABORATORY**	TÜRKAK Test TS EN ISO/IEC 17025 AB-0038-T **Report No: 1155/11** **Report Date: 12.07.2011**

ÇINAR Laboratory is accredited by Turkish Accreditation Agency and have been certified by Ministry of Environment and Forestry "Environmental Analysis Competence Certificate"

Test Report

Customer Name / Address	:	Eser Proje ve Mühendislik A.Ş. Turan Güneş Bulvarı Cezayir Caddesi 718. Sokak No: 14 Yıldız Çankaya / ANK
Name and Sampling Date of the Sample	:	1022/11 – Surface Water – 24.06.2011
Sampling Location	:	Kızılırmak Project Area located in Kırıkkale province
Collected by	:	Çınar Çevre ve Ölçüm ve Analiz Laboratuarı (Hakan BÜYÜKOĞLU – Selahattin AYMAYA)
Number of Project	:	762/11
Date of Sample Acceptance	:	24.06.2011
Delivery Conditions of the Sample	:	Sample, TS EN 5667-3-Water Quality – Sampling – Section 3: it was received in conformity with Samples Protection and Transportation Rules, as being sealed.
Way of Sampling	:	Instantaneous
Scope of Analysis	:	Analysis request according to Water Pollution Control Regulation Table 1
Aim of Sampling	:	Quality Purpose (For Determining the Present Condition)
Date of Test	:	24.06.2011 – 11.07.2011
Remarks	:	-
Number of the Pages of the Report	:	5 (Annex: Environmental Industrial Laboratory Analysis Results, 2 pages)
Coordinates	:	K: 535370,4739 – D: 4417846,7077
Meteorological Condition	:	Air Clear / Temperature : 22°C

The test and / or measurements results, the uncertainties with confidence probability and test methods are given on the following pages.

Person in charge of Test	**Approved by**	**Head of Laboratory**
(Signed) Yılmaz ŞİMŞEK / Chemist	(Signed) Salim Sercan MERCAN Deputy Laboratory Manager	(Signed) Zeynep H. GÖZEN Laboratory Manager
(Signed) Bünyamin DUYGUCU / Chemical Technician		

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T.C. Çevre ve Orman Bakanlığı **Qualification Certificate No:** **Y-06/031/2008**	**ÇINAR ENVIRONMENTAL MEASUREMENT and ANALYSIS LABORATORY**	TÜRKAK Test TS EN ISO/IEC 17025 AB-0038-T **Report No: 1155/11** **Report Date: 12.07.2011**

ÇINAR Laboratory is accredited by Turkish Accreditation Agency and have been certified by Ministry of Environment and Forestry "Environmental Analysis Competence Certificate"

Test Report

PROJECT NUMBER:

762/11 – Surface water sample belonging to Eser Proje ve Mühendislik A.Ş. taken instantaneously for quality purpose from Kızılırmak project area located in Kırıkkale (Water Pollution Control Regulation Table 1)

Parameter	Test Result	Water Quality Class	Uncertainties	Test Method
Dissolved Oxygen (mg/L)	5,46	III	% +/- 0,1	TS 5677 EN 25814:1996
Oxygen Saturation (%)	71,4	II		
pH	7,26	I	+/- 0,32	TS 3263 ISO 10523:1999
Temperature (°C)	18,7	I	% +/- 6	SM 2550 B:2005
**Total Dissolved Solid (mg/L)	556	II	% +/- 12	SM 2540 C:2005
Fecal Coliform (KOB/100 mil)	300	III	% +/- 17,5	TS EN ISO 9308-1 2004
Total Coliform (KOB/100 ml)	1000	II	% +/- 19,13	TS EN ISO 9308-1:2004
KOI (mg/L)	<10,0	I	% +/- 5,63	SM 5220 B:2005
BOI (mg/L)	<4,0	I	% +/- 6,70	SM 5210 B:2005
Free Chlorine	<0,02	-	% +/- 3,94	SM 4500 I G:2005
Nitrite Nitrogen (mg/L)	0,015	III	% +/- 5,33	SM 4500-NO_2 B:2005
Nitrite Nitrogen (mg/L)	0,777	I	% +/- 6,37	EPA 352,1
Ammonium Nitrogen mg/L)	<0,1	I	% +/- 7,09	SM 4500-NH3 B-C-F:2005
Copper (mg/L)	<0,01	I	% +/- 8,01	SM 3111 B:2005
Iron (mg/L)	0,198	I	% +/- 8,67	SM 3111 B:2005
Mangham (mg/L)	0,02	I	% +/- 8,36	SM 3111 B:2005
Zink (mg/L)	0,005	I	% +/- 8,83	SM 3111 B:2005
Nickel (mg/L)	<0,2	I	% +/- 8,40	SM 3111 B:2005
Cadmium (mg/L)	0,011	I	% +/- 8,21	SM 3111 B:2005
Lead (mg/L)	0,014	I	% +/- 3,22	SM 3113 B:2005
Cobalt (mg/L)	<0,01	I	% +/- 9,85	SM 3111 B:2005
Sodium (mg/L)	154,1	III	% +/- 8,16	SM 3111 B:2005
Aluminum (mg/L)	<0,1	I	% +/- 8,26	SM 3111 B:2005
T. Chromium (mg/L)	<0,02	I	% +/- 8,48	SM 3111 B:2005
Selenium (mg/L)	<0,002	I	% +/- 4,51	SM 3111 B:2005

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T.C. Çevre ve Orman Bakanlığı **Qualification Certificate No:** **Y-06/031/2008**	**ÇINAR ENVIRONMENTAL MEASUREMENT and ANALYSIS LABORATORY**	TÜRKAK Test TS EN ISO/IEC 17025 AB-0038-T **Report No: 1155/11** **Report Date: 12.07.2011**

ÇINAR Laboratory is accredited by Turkish Accreditation Agency and have been certified by Ministry of Environment and Forestry "Environmental Analysis Competence Certificate"

Test Report

Parameter	Test Result	Water Quality Class	Uncertainties	Test Method
Barium (mg/L)	<0,3	I	% +/- 8,14	SM 3111 D:2005
T. Phosphor (mg/L)	0,054	II	% +/- 8,70	SM 4500 P B-E:2005
Phenol (mg/L)	<0,001	I	% +/- 7,37	SM 5530 B-C:2005
Fluoride (mg/L)	0,99	I	% +/- 5,97	SM 4500-F-D:2005
Oil and Grease (mg/L)	<5,0	-	% +/- 8,06	TS 8312:1990
Chromium^{+15} (mg/L)	<0,02	I	% +/- 6,32	SM 3500-Cr B:2005
Chloride (mg/L)	139,9	II	% +/- 4,36	SM 4500-Cl:B:2005
Sulphur (mg/L)	<0,1	-	% +/- 6,80	SM 4500 S^{2-} D-F:2005
Color (Pt-Co)	10	II	% +/- 7,30	SM 2120 B:2005
Mercury (mg/L)	0,012	IV	% +/- 8,90	TS EN 1483:2008
Boron (mg/L)	<0,05	I	% +/- 6,04	S.M. 4500-B-C:2005
Arsenic (mg/L)	0,007	I	% +/- 4,35	SM 3113 B:2005
Kjeldahl Nitrogen (mg/L)	1,29	II	% +/- 6,38	SM 4500 N_{og} B:2005
Sulfate (mg/L)	292,6	III	% +/- 5,08	SM 4500 SO4 E:2005
*Total Cyanide (mg/L)	<0,03	-	-	EPA 9010 C:2004 EPA 9014:1996
*Total Organic Carbon (mg/L)	6,7	II	-	EN 1484:1997-05
*Mineral Oil and Its derivatives (mg/L)	<0,02	I	-	ISO 9377-2 (GC-FID)
*Total Pesticides (mg/L)	<0,001	I	-	EPA 3510 C/8081 A/8141 A
* Detergent (MBAS) (mg/L)	<0,01	I	-	SM 5540 C:2005

*Marked results are not the scope of TÜRKAK Accreditation and in not included in Environment Ministry Qualification Certificate. It was analyzed by Çevre Endüstriyel Analiz Laboratuvarı.

**Marked result, is in the scope of Environment Ministry Qualification Certificate. It is not included in TÜRKAK Accreditation.

<Signature and Seal>

"The results only belong to the tested sample".
"The results are kept for a duration of 30 days within the rules of TS 5106 ISO 5667-3-Water Quality – Sampling – Section 3: Protecting and Transporting the Samples Rules"

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ÇEVRE ENDÜSTRİYEL ANALİZ LABORATUVARI
ÇEVRE ENDÜSTRİYEL ANALİZ LABORATUAR HİZM. TİC. A.Ş.

T.C. Çevre ve Orman Bakanlığı

TÜRKAK Test TS EN ISO/IEC 17025 AB-0038-T

Qualification Certificate No: Y-06/031/2008

TEST REPORT

Report No.: 10357 Tarih: 06/07/2011

Firma	:	ESER PROJE
Address	:	-
Sample Received by	:	Çınar Çevre Ölçüm ve Analiz Laboratuvarı
Type of Sample	:	Water
Description of the Sample	:	Surface Water (1022/11)(For Determining the Present Condition)
Place from which the sample taken	:	Kızılırmak (Project Area)
Type / Method of Sample Taking /	:	Simultaneous
Meteorological Conditions	:	Clear / 22°C
Container and Amount of the Sample	:	Plastic bin + Plastic cup / 5 Lx3 Pieces÷500 mLx2 Pieces+1L+100 mL
Processes Applied to the Sample	:	With Chemical Additives + without protection
Sample Receiving Date	:	24/06/2011 15:00
Sample Arriving Date to Laboratory	:	27/06/2011 08:00
Analysis Start Date	:	27/06/2011 14:06
Analysis Ending Date	:	06/07/2011 08:39

Test	**Unit**	**Finding**	**Test Method**	**Information**
Cyanide (Total)	µg/L	<30	EPA 9010 (2004)-EPA 9014 (1996)	
Total Organic Carbon	mg/L	6.7	EN 1484 / 1997-05	
Surface Active Materials (Anionic-MBAS)	mg/L	<0,01	SM 5540:C	
Mineral Oil and Derivatives	mg/L	<0.02	ISO 9377-2(GC-FID)	
Pesticide			EPA 3310C / 8081A/8141A	
Aldrin	mg/L	<0.001		
α-BHC	mg/L	<0.001		
β-BHC	mg/L	<0.001		
γ-BHC(Lindane)	mg/L	<0.001		
Hexachlorobenzene	mg/L	<0.001		
Bromophos-ethyl	mg/L	<0.001		
4.4'-DDD (p,p'-DDD)	mg/L	<0.001		
4.4'-DDT (p,p'-DDT)	mg/L	<0.001		
γ-Cyhalothrin	mg/L	<0.001		
2,4'-DDD (o,p'-DDD)	mg/L	<0.001		
2,4'-DDE (o,p'-DDD)	mg/L	<0.001		
2,4'-DDT (o,p'-DDT)	mg/L	<0.001		
Heptachlor	mg/L	<0.001		
Chlorpyrilos	mg/L	<0.001		
Coumaphos	mg/L	<0.001		
Cyfluthrin (I, II, III, IV)	mg/L	<0.001		
DEF	mg/L	<0.001		
Trifluralin	mg/L	<0.001		
Endosulfan I	mg/L	<0.001		
Endosulfan	mg/L	<0.001		
Endrin	mg/L	<0.001		
Dieldrin	mg/L	<0.001		
diazinon	mg/L	<0.001		

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ÇEVRE ENDÜSTRİYEL ANALİZ LABORATUVARI
ÇEVRE ENDÜSTRİYEL ANALİZ LABORATUAR HİZM. TİC. A.Ş.

T.C. Çevre ve Orman Bakanlığı

TÜRKAK Test TS EN ISO/IEC 17025 AB-0038-T

Qualification Certificate No: Y-06/031/2008

TEST REPORT

Report No.: 10357 Tarih: 06/07/2011

Test	Unit	Finding	Test Method	Information
Malathlon	mg/L	<0.001		
Parathion-methyl	mg/L	<0,001		
Parathion-ethyl	mg/L	<0.001		
Mevinphos	mg/L	<0.001		
Propetamphos	mg/L	<0.001		
Quinalphhos	mg/L	<0.001		
Profenofos	mg/L	<0.001		
Azinphos-methyl	mg/L	<0.001		
Azinphos-ethyl	mg/L	<0.001		
Dimethoate	mg/L	<0.001		
Phosalone	mg/L	<0.001		
Fenitrothion	mg/L	<0.001		
Fenchlorphos	mg/L	<0.001		
Primiphos Methyl	mg/L	<0.001		
Chlorpyrifos Methyl	mg/L	<0.001		
Chlordan Gamma	mg/L	<0.001		
Chlordane Alpha	mg/L	<0.001		
Fenpropathrin	mg/L	<0.001		
Cypermethrin (I, II, III, IV)	mg/L	<0.001		
Dlcofol	mg/L	<0.001		
Azoxystrobin	mg/L	<0.001		
delta BHC	mg/L	<0.001		
Chlorobenzilate	mg/L	<0.001		
Metoxychlor	mg/L	<0.001		
Cis-heptachlorepoxide	mg/L	<0.001		
Trans-heptachlorepoxide	mg/L	<0.001		
Total Pesticides	mg/L	<0.001		

Test Method: EPA: US Environmental Protection Agency: EN: European Standard; SM: Standard method for the Examination of Water and Wastewater (APHA, AWWA, WEF) 21st Ed. (2005): International Standard Organization: GC-FID: Gas Chromatography-Flame Ionization Detector: GC-ECD: Gas Chromatography-Electron- Capture Detector: GC-NPD: Gas Chromatography-Nitrogen Phosphorus Detector

Information: 1) Analysis result includes hydrocarbons between C_{10} and C_{40}.

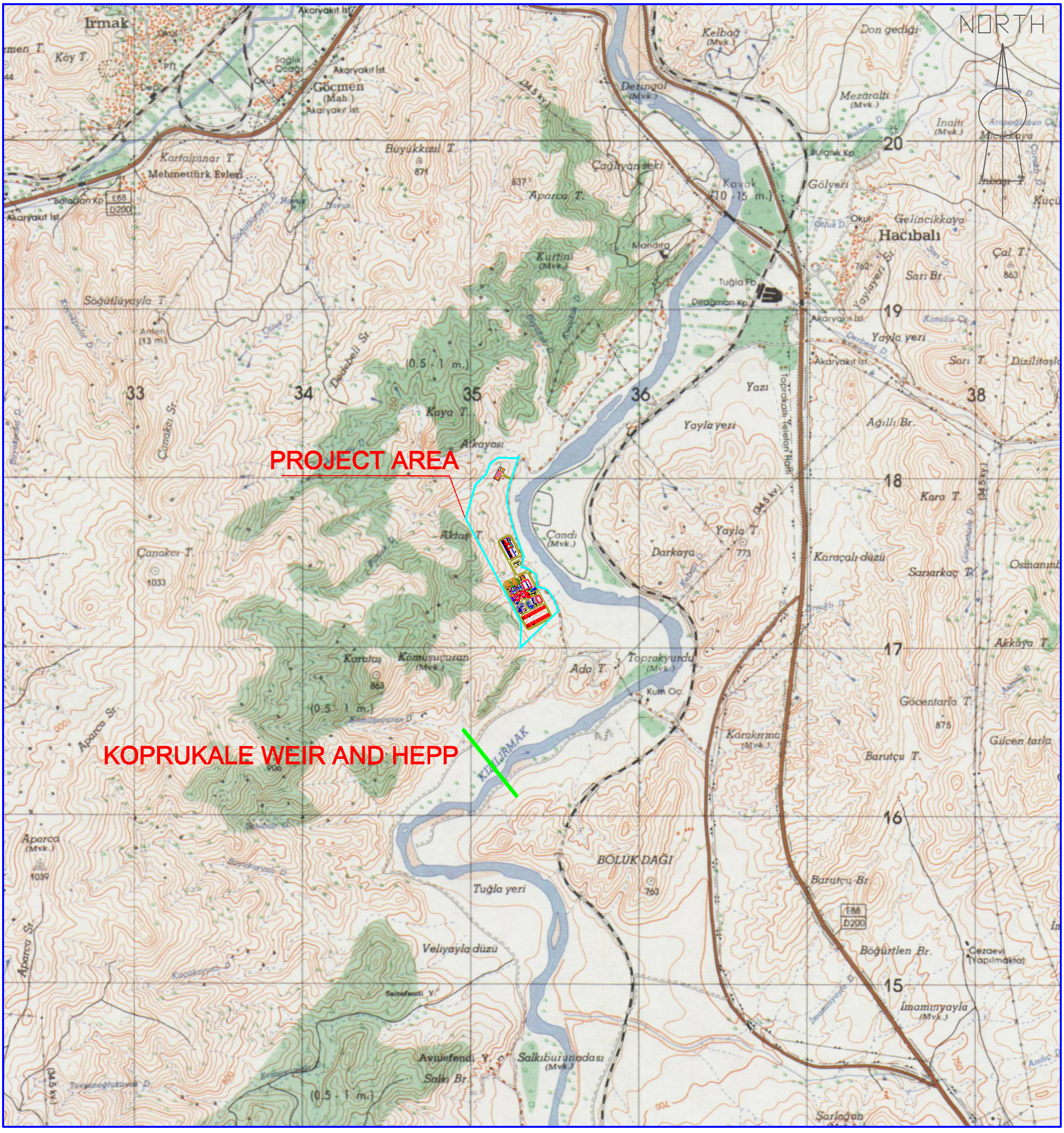
Prepared by
(Signed)
Nisa BEKMEZCİ
Laboratory Responsible

APPROVAL
(Signed)
Asst. Dr. Aysun YILMAZ
Laboratory Director

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ANNEX – 12

Köprükale Weir and HEPP Project and ESER NGCCPP Project Layout Plan


NORTH
PROJECT AREA
KOPRUKALE WEIR AND HEPP
Irmak
Köy T.
Göcmen
(Mah.)
Akaryakıt İst.
Okul
Sağlık Ocağı
PTT
Kartalpınar T.
Mehmettürk Evleri
Büyükkızıl T.
871
Çağlıyan seki
837
Aparca T.
Kelbağ
(Mvk.)
Deringol
(Mvk.)
Don geldiği
Mezaraltı
(Mvk.)
İnaltı
(Mvk.)
Bulanık Kp.
Gölyeri
Kavak
(10 - 15 m.)
Gelincikkaya
Hacıbalı
Çal T.
Sarı Br.
Kurtini
(Mvk.)
Mandıra
Tuğla Fb.
Dırağman Kp.
Yayla yeri
Sarı T.
Dizilitaşl
Ağıllı Br.
Yazı
Toprakaltı Telefon Hattı
Söğütlüyayla T.
Anten
(13 m.)
Dedebeli Sr.
(0.5 - 1 m.)
Kaya T.
Atkayası
Çanakcı Sr.
Aktaş T.
Çandı
(Mvk.)
Darkaya
Yayla T.
773
Karaçalı düzü
Sarıarkaç T.
Osmanınl
Kara T.
(34.5 kv.)
Karataş
863
Komuşuçuran
(Mvk.)
Ada T.
Toprakyurdu
(Mvk.)
Kum Oc.
Karakırma
(Mvk.)
Göcentarla T.
875
Gilcen tarla
Barutçu T.
KIZILIRMAK
Aparca
(Mvk.)
1039
1033
BÖLÜK DAĞI
763
Tuğla yeri
Barutçu Br.
E88
D200
Böğürtlen Br.
Cezaevi
(Yapılmakta)
İmamınyayla
(Mvk.)
Veliyayla düzü
Saitefendi Y.
Avvuefendi Y.
Salkıburunadası
(Mvk.)
Salkı Br.
Şarlağan
Aparca Sr.
Tavşanoğlukayası D.
Evsahipçeşmesi D.
Küçükayaşlı D.
Bozkayaşlı D.
Sahibalı D.
Yazıcı D.
Kızılkaya D.
Çanakcı Sr.
Dedebeli Sr.
Söğütlüyayla D.
Havuz
Otluk D.
Derbent D.
Kamulin Ca.
Yaylayeri Br.
Sarı D.
Çanakcı T.
1033
Aparca Sr.
Karataş
863
Aparca
(Mvk.)
1039
Aparca Sr.
(34.5 kv.)
Tavşanoğlukayası D.
Küçükayaşlı D.
Saitefendi Y.
Evsahipçeşmesi D.
Avvuefendi Y.
Salkıburunadası
(Mvk.)
Salkı Br.
(0.5 - 1 m.)
Şarlağan
İmamınyayla

ANNEX – 13

Project Area Soil Analysis

REPUBLIC OF TURKEY
MINISTRY OF AGRICULTURE AND RURAL AREA AFFAIRS

General Directorate of Agricultural Researches
Directorate of Soil-Fertilizer and Water Sources Central Research Institute

TEST REPORT

Customer name / address	Çınar Çevre Laboratuarı Huzur Mah. 1139 Sok. Çınar Apt. No: 6/12 Öveçler ANKARA
Order registration No.	0844-11
Exit registration No.	
Name and identity of test item	Soil
The date of received of test item	01.07.2011
Remarks	
Date of Test / Report	08.07.2011
Number of pages of the report	1

<Seal>	Date	(Signed) Dr. Nesibe CEBEL Head of Department	(Signed) Deputy Director

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REPUBLIC OF TURKEY
MINISTRY OF AGRICULTURE AND RURAL AREA AFFAIRS
GENERAL DIRECTORATE OF AGRICULTURAL RESEARCHES
DIRECTORATE OF SOIL-FERTILIZER AND WATER SOURCES CENTRAL RESEARCH INSTITUTE

ANALYSIS REPORT of SOIL QUALITY and FERTILITY LABORATORY

Request Record No. / Date	: 01.07.2011-0848/11
Report No.	: 225
Report Date	: 08.07.2011
Name and Address of Sample Sender	: Çınar Çevre Laboratuvarı Huzur Mah. 1139 sok. Çınar Apt. NO=6/1 Öveçler ANKARA

Soil Sample Holder and Characteristics of the Place from where the Sample is Taken	Sample or Parcel No.	Lab. No.	Plant to be planted	Depth (cm)	Saturation with Water %	Structure Class	EC ds/m	Total Salt %	pH in the Soil Saturated with Water	Lime ($CaCO_3$) %	Active Lime %	Nutrient Material for Plants (kg/da)		Organic Material %	Total Nitrogen N, %	Organic Carbon %	Pure Plant Nutrient Material Required to be Given (kg/da)		
												Phosphor (P_2O_5)	Potassium (K_2O)				Nitrogen (N)	Phosphor (P_2O_5)	Potassium (K_2O)
Kırıkkale Yahşihan Eser Project NO=1036/11		5001			80	C	1,067	0,055	7,73	8,63		113,32	331,30	6,74	0,34	3,91			
Kırıkkale Yahşihan Eser Project NO=1037/12		5002			33	L	0,976	0,021	7,95	7,85		1,40	77,10	0,51	0,03	0,30			
Kırıkkale Yahşihan Eser Project NO=1038/13		5003			30	S	0,488	0,009	8,04	11,99		2,33	30,11	0,37	0,02	0,21			
Kırıkkale Yahşihan Eser Project NO=1039/14		5004			39	L	0,737	0,018	8,16	13,62		1,01	38,51	0,57	0,03	0,33			
Kırıkkale Yahşihan Eser Project NO=1040/15		5005			39	L	0,738	0,018	8,05	15,21		3,26	105,60	0,74	0,04	0,43			

(Signed)
Alper DİLSİZ
Agricultural Engineer
Analysis Supervisor

(Signed)
Dr. Mustafa USUL
Agricultural Engineer
Laboratory Supervisor

The analyzed sample has not been taken by us. Our laboratory is not responsible for the type of sample receiving. Total nitrogen, given in the report was found by accepting that 5% of the organic material is nitrogen. Analysis results are valid for the samples indicated above.

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NOTE: In the sample number 5001 lab, amount of the nitrogen was determined as excessive.

REPUBLIC OF TURKEY
MINISTRY OF AGRICULTURE AND RURAL AREA AFFAIRS
GENERAL DIRECTORATE OF AGRICULTURAL RESEARCHES
DIRECTORATE OF SOIL-FERTILIZER AND WATER SOURCES CENTRAL RESEARCH INSTITUTE

Analysis Report of Soil Quality and Fertility Laboratory

Request Record No. / Date : 01.07.2011-0848-11
Report No. : 225
Report Date : 08.07.2011
Name and Address of Sample Sender : Çınar Çevre Laboratuvarı Huzur Mah. 1139 sok. Çınar Apt. NO=6/1 Öveçler ANKARA

Place From Where the Sample Was Taken	Lab. No.	Total Nitrogen %	Nitrate Nitrogen %	Ammonium Nitrogen %
Kırıkkale Yahşihan Eser Project No.1036/11	5001	0,44197	0,008016	0,046760
Kırıkkale Yahşihan Eser Project No. 1037/11	5002	0,03100	0,008684	0,000000
Kırıkkale Yahşihan Eser Project No. 1038/11	5003	0,02824	0,007348	0,012692
Kırıkkale Yahşihan Eser Project No. 1039/11	5004	0,02558	0,010688	0,000000
Kırıkkale Yahşihan Eser Project No. 1040/11	5005	0,05209	0,007348	0,002004

(Signed)
Sinan ÇALIŞTAN
Biologist
Analysis Supervisor

(Signed)
Dr. Mustafa USUL
Agricultural Engineer
Laboratory Supervisor

The analyzed sample has not been taken by us. Our laboratory is not responsible for the type of sample receiving. Total nitrogen, given in the report was found by accepting that 5% of the organic material is nitrogen. Analysis results are valid for the samples indicated above.

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NOTE: In the empty places in the report amount of the sample was not enough.

REPUBLIC OF TURKEY
MINISTRY OF AGRICULTURE AND RURAL AREA AFFAIRS
GENERAL DIRECTORATE OF AGRICULTURAL RESEARCHES
DIRECTORATE OF SOIL-FERTILIZER AND WATER SOURCES CENTRAL RESEARCH INSTITUTE

ANALYSIS REPORT of SOIL QUALITY and FERTILITY LABORATORY

Request Record No. / Date	: 01.07.2011-0848/11
Report No.	: 225
Report Date	: 08.07.2011
Name and Address of Sample Sender	: Çınar Çevre Laboratuvarı Huzur Mah. 1139 sok. Çınar Apt. NO=6/1 Öveçler ANKARA

Lab. No.	Place or Parcel	Depth (cm)	Plant	Useful Iron (Fe) ppm	Useful Copper (Cu) ppm	Useful Zink (Zn) ppm	Useful Manganese (Mn) ppm	Changeable Calcium (Ca) ppm	Changeable Magnesium (Mg) ppm
5001	Kırıkkale Yahşihan Eser Project NO=1036/11			8,00	1,61	2,18	6,16	9043,26	2483,50
5002	Kırıkkale Yahşihan Eser Project NO=1037/12			1,99	0,88	0,05	2,98	8643,88	670,37
5003	Kırıkkale Yahşihan Eser Project NO=1038/13			1,45	0,16	0,16	1,94	7474,72	166,47
5004	Kırıkkale Yahşihan Eser Project NO=1039/14			2,19	0,48	0,00	2,20	8751,25	678,04
5005	Kırıkkale Yahşihan Eser Project NO=1040/15			1,65	0,54	0,25	3,93	8278,13	484,07

Reference Values					
Plant Nutrient, Analysis Method and Description	Very Little	Little	Sufficient	Much	Too Much
Ca ($CH_3COONH4$), (mg/kg)	< 380	380 – 1150	1150 – 3500	3500 - 10000	> 10000
Mg ($CH_3COONH4$), (mg/kg)	< 50	50 – 160	160 – 480	480 - 1500	> 1500
Mn (DTPA), (mg/kg)	< 4	4 – 14	14 – 50	50 - 170	> 170
Zn (DTPA), (mg/kg)	< 0.2	0.2 – 0.7	0.7 – 2.4	2.4 – 8.0	> 8.0
Fe (DTPA), (mg/kg)	Little	Average	Sufficient		
	< 0.2	0.2 – 4.5	>4.5		
Fe (DTPA), (mg/kg)	Insufficient	Sufficient			
	< 0.2	>0.2			
Source: Lindsay and Norwell, 1969; FAO, 1990; TOVEP, 1991; Güneş and 1996; Sönmez, 2003					

(Signed)
Vecihe İNCİRKUŞ
Expert Chemical Engineer
Analysis Supervisor

(Signed)
Dr. Mustafa USUL
Agricultural Engineer
Laboratory Supervisor

The analyzed sample has not been received by us.
Analysis results are valid for the samples indicated above.
This report shall not be reproduced other than in full except with the permission of the SFWCRI. Testing reports without signature and seal are not valid.

NEN Mühendislik ve Laboratuar Hizmetleri Tic. Ltd. Şti.
Address: Uğur Mumcu Cad. Kırçiçeği Sok. G.O.P. Çankaya / ANKARA

Date: 19.07.2011

Number: GEN-11/179
Subject: Analysis Reports
Tel: 0 (312) 472 77 97

ÇINAR MÜHENDİSLİK MÜŞ. VE PROJE HİZ. LTD. ŞTİ.
Huzur Mah. 1139 Sokak No: 6/1 Öveçler ANKARA

To the Attention of Ms. Zeynep H: GÖZEN

Reference A: Our offer dated 26.04.2011 and number FT-11/1119

Indicated analyses were made in the samples taken in accordance with our reference A offer, and the Analysis Reports and Invoice prepared related to this matter are sent in the annex.

Information related to the analyzed samples:

Sample	*Your Code*	*Regulation*	*Area*	*Receiving Date/Hour*	*Way of Receiving*	*Way of Bringing*	*Laboratory Entry*	*Laboratory Code*	*Analysis Date*	*Report No.*
Soil	*11-1036/40*	*-*	*Çınar*	*29.06.2011*	*Instantaneous*	*By Hand*	*01.07.2011*	*11-3384/88*	*06.07.2011*	*2011-1106*

Yours truly,

(Signed)
Yasemin AKKAŞ
Resource Management Supervisor

ANNEX:
1- Analysis Report (1 pcs.)

Accredited by
TURKISH ACCREDITATION AGENCY

NEN MÜHENDİSLİK ve LAB. HİZ. TİC. LTD. ŞTİ.
NEN ÇEVRE KİRLİLİĞİ TESPİT ve ÖLÇÜM LABORATUARI
Uğur Mumcu Cad. Kırçiçeği Sok. No: 8/1
GOP Çankaya ANKARA

Test
TS EN ISO IEC 17025
AB-0023-T

T.C. Çevre ve Orman Bakanlığı
Yeterlilik Belge No: Y - 06/091/2009

TESTING REPORT

Test TSENISOJEC 17025
AB-0023-T
2011-1106
07-11

Customer name/address	ÇINAR Mühendislik Müşavirlik ve Proje Hizmetleri Ltd. Şti. Huzur Mah. 1139. Sokak No: 6/1 Öveçler Çankaya ANKARA
Order no.	
Type of test item	Soil
Analysis parameter(s)	Total Petroleum Hydrocarbons
Remarks	It belongs to the samples coded 1036-40/11 taken from the Eser Project and Müh. A.Ş. Project Area, and **it is within the scope of Inter-laboratories Cooperation.**
The date of receipt / acceptance of the test item	29.06.2011 / 01.07.2011
Way of bringing the test item	Sent by the customer
Code of test item	11-3384, 11-3385, 11-3386, 11-3387, 11-3388
Number of pages of the report	2 pages
Number of the report	2 Original Copies

The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

SeaL	Date	(Signed)
<seal>	06.07.2011	Nuri ARDIÇ Head of Testing Laboratory

Opinions and interpretations taken place in the report belong to this test report.
The measurement results given in this test report belong to the test sample analyzed.
This report cannot be copied, reproduced without the written permission of the laboratory. Reports without signatures and seals are not valid.

NEN MÜHENDİSLİK VE LAB. HİZ. TİC. LTD. ŞTİ. NEN ÇEVRE KİRLİLİĞİ TESPİT ve ÖLÇÜM LABORATUARI **TESTING REPORT**	**AB-0023-T** **2011-1106** **07-11**

The Date of Analysis of Test Item 06.07.2011
Type of Test Item **SOIL**

Laboratory Sample Code	Customer Sample Code	Parameter	Standard of Analysis	Uncertainty of Measurement	Analysis Result
11-3384	1036 - 2011	Total Petroleum Hydrocarbons, Mg/L	ISO 16703	±0,1	58,1
11-3385	1037 - 2011				40,7
11-3386	1038 - 2011				27,6
11-3387	1039 - 2011				34,2
11-3388	1040 - 2011				35,2

Result: "Total Petroleum Hydrocarbons" measured in the samples are presented in the Table.

<Signature and Seal>
Kubilay YILMAZ
Laboratory Supervisor

Opinions and interpretations taken place in the report belong to this test report.
The measurement results given in this test report belong to the test sample analyzed.
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ANNEX – 14

The Institution Comment of the Governor Kırıkkale National Real Estate Management Revenue

T.C.
KIRIKKALE GOVERNORSHIP
Financial Office General Directorate of National Real Estate

Number: B.07.4.DEF.4.71.60.00.468/448-1292 17.06.2011
Subject: Allocation

FARCAN ENERJİ ÜRETİM A.Ş.
Turan Güneş Bulvarı Cezayir Caddesi 718. Sokak No:14
ÇANKAYA/ANKARA

Ref: Your Letter 17.05.2011dated and 38/11 numbered

Regarding your demand on treasure owned real estate allocation numbered with 103 block 6 parcel, 102 block 6 parcel and 2308 parcel located in River Site, Kılıçlar Town, Yahşihan County, Kırıkkale Province, Since your company does not have a license from Energy Market Regulatory Authority, it is notified that there is not any action to be taken about your demand.

Respectfully submitted.

Mehmet Erkınay
Provincial Treasurer

ANNEX – 15

Institution Opinion of General Directorate Of Mining Affairs

REPUBLIC OF TURKEY
MINISTRY OF ENERGY AND NATURAL RESOURCES
Directorate General of Mining Affairs
Head of the Department of Observation

Number: B.15.0.MGM.0.01.02.03.-551570 18 May 2011
Subject: Natural Gas/Thermal-Combine Cycel Power Plant

FARCAN ENERJİ ÜRETİM A.Ş.
Turan Güneş Bulvarı, Cezayir Cad. 718 Sok. No: 14 Yıldız
Çankaya / ANKARA

Reference: Your letter dated 28/03/2011 and number 85072

In your petition recorded in the reference; it is stated by your company that application was made to the EPDK for giving production license to the natural gas combine cycle power plant that is planned to be built on 103 block 6 parcel being within the borders of Kırıkkale province, Yahşihan District, Kılıçlar municipality, the license issuing stage was reached, for this reason project summary information related to the power plant and geographic coordinates related to the plant place were submitted in the annex, and that it was requested that this situation must be taken into consideration by Our General Directorate in the mine prospecting and license requests and negativities that may prohibit the operation of the power plant must be prevented.

In the study made, it was determined that there is one IV. group tendered mine prospecting field on the area on which the Natural Gas/Thermal-combine cycle power plant is planned to be established.

In this respect, by taking into consideration the public benefits to be provided by the Natural Gas/Thermal-Combine Cycle Power Plant, because there is no progressing mining right on the project area, there is no objection by our General Directorate for the area within the coordinates given in the annex list planned to be built, the area on which the Natural Gas/Thermal-Combine Cycle Power Plant was constructed will not be transformed into an area that is closed to mining in the records of our General Directorate, the area within the coordinates given in the annex list was entered in the system records of our General Directorate as Natural Gas/thermal-combine cycle power plant number ER:3270480 special permit area and the mine prospecting license applications to be made for these areas will be marked as area that will be licensed by giving a period of 1 (one) year for obtaining permission from the related institutions, from the point of view of existing mining rights for the project area, in case executing mining activities in this area is requested, the claimants will be informed that unless permission is obtained from our General Directorate, no activity can be carried on this area.
Kindly presented for information.

(Signed)
Yılmaz TUNEL
Head of Department
On behalf of minister

ANNEX – 16

NOx Analysis Results

gradko environmental
(A division of Gradko International Ltd.)

St. Martins House, 77 Wales Street Winchester, Hampshire SO23 0RH
tel.: 01962 860331 fax: 01962 841339 e-mail:diffusion@gradko.co.uk

UKAS TESTING 2187

LABORATORY ANALYSIS REPORT

NITROGEN DIOXIDE IN DIFFUSION TUBES BY U.V. SPECTROPHOTOMETRY

REPORT NUMBER 45619

BOOKING REFERENCE No E 3718

CUSTOMER Çinar Engineering/Çinar Environmental Lab
Ankara, Turkey

DATE SAMPLES RECEIVED 20/07/2011

1. Period			Exposure Data			NO_2	NO_X	NO	NO_2	NO_X	NO	TOTAL	TOTAL
NO_2	Tube Number	NO_X	Date On	Date Off	Time (hr.)	ppb *	ppb *	ppb * *	µg/m³	µg/m³	µg/m³ *	µG NO_2	µG NOx
	HK-1		24/06/2011	14/07/2011	480.00	4.81			9.23			0.32	0.00
	HK-2		24/06/2011	14/07/2011	480.00	3.88	5.97	2.09	7.45	11.47	4.01	0.26	0.40

The Diffusion Tubes have been tested within the scope of Gradko International Ltd. Laboratory Quality Procedures calculations and assessments involving the exposure procedures and periods provided by the client are not within the scope of our UKAS accreditation. Those results obtained using exposure data shall be indicated by an asterisk. Any queries concerning the data in this report should be directed to the Laboratory Manager Gradko International Ltd.

REPORT OFFICIALLY CHECKED

Gradko International Ltd
This signature confirms the authenticity of these results
Signed.....
L. Gates, Laboratory Supervisor

gradko environmental
(A division of Gradko International Ltd.)

St. Martins House, 77 Wales Street Winchester, Hampshire SO23 0RH
tel.: 01962 860331 fax: 01962 841339 e-mail:diffusion@gradko.co.uk

UKAS TESTING 2187

LABORATORY ANALYSIS REPORT

HK-3	24/06/2011	14/07/2011	480.00	7.87	6.75	<L.O.D.	15.11	12.96	<L.O.D.	0.53	0.45
HK-4	24/06/2011	14/07/2011	480.00	8.03	9.00	0.97	15.42	17.28	1.86	0.54	0.60
HK-5	24/06/2011	14/07/2011	480.00	11.39	13.48	2.09	21.87	25.88	4.01	0.76	0.90
HK-6	24/06/2011	14/07/2011	480.00	3.58	8.85	5.27	6.88	17.00	10.12	0.24	0.59
HK-7	24/06/2011	14/07/2011	480.00	4.81	7.52	2.72	9.23	14.45	5.22	0.32	0.50
HK-8	24/06/2011	14/07/2011	480.00	6.32	7.90	1.58	12.13	15.16	3.04	0.42	0.53
HK-9	24/06/2011	14/07/2011	480.00	6.42	7.18	0.76	12.33	13.79	1.46	0.43	0.48
HK-10	24/06/2011	14/07/2011	480.00	3.73	6.58	2.85	7.17	12.64	5.47	0.25	0.44
Travel Blanks			480.00	0.57	5.21	4.64	1.09	10.00	8.91	0.04	0.35
Lab Blanks			480.00	0.01	1.54	1.52	0.03	2.95	2.92	0.001	0.103

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L. Gates, Laboratory Supervisor

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tel.: 01962 868331 fax: 01962 841339 e-mail:diffusion@gradko.co.uk

UKAS TESTING
2187

LABORATORY ANALYSIS REPORT

Comment: Results are not blank subtracted

***NO results are derived by subtracting NO2 from NOx.**

<L.O.D. means below the limit of detection.

Results have been corrected to a temperature of 293K (20C)

Overall M.O.U.	7.3% +/-	**Limit of Detection**	2.2ppb NOx, 0.23ppb NO2
Tube Preparation: 20%TEA/Water	Analysed on UVS03 Cecil		
		Analyst Name	J. Samuel
Date of Analysis	01/08/2011	**Date of Report**	02/08/2011

Analysis carried out in accordance with documented in-house Laboratory Method GLM7

The Diffusion Tubes have been tested within the scope of Gradko International Ltd. Laboratory Quality Procedures calculations and assessments involving the exposure procedures and periods provided by the client are not within the scope of our UKAS accreditation. Those results obtained using exposure data shall be indicated by an asterisk. Any queries concerning the data in this report should be directed to the Laboratory Manager Gradko International Ltd.

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tel.: 01962 860331 fax: 01962 841339 e-mail:diffusion@gradko.co.uk

UKAS TESTING 2187

LABORATORY ANALYSIS REPORT

NITROGEN DIOXIDE IN DIFFUSION TUBES BY U.V. SPECTROPHOTOMETRY

REPORT NUMBER 45864

BOOKING REFERENCE No E 3955

CUSTOMER Çinar Engineering/Çinar Environmental Lab
Ankara, Turkey

DATE SAMPLES RECEIVED 04/08/2011

ESER Project
2. Period

NO_2 Tube Number	NO_x	Exposure Data Date On	Date Off	Time (hr.)	NO_2 ppb *	NO_x ppb *	NO ppb * +	NO_2 µg/m³	NO_x µg/m³	NO µg/m³ +	TOTAL µG NO_2	TOTAL µG NOx
HK-1/2		14/07/2011	03/08/2011	480.00	4.66	6.15	1.49	8.94	11.81	2.87	0.31	0.41
HK-2/2		14/07/2011	03/08/2011	480.00	4.36	6.06	1.70	8.37	11.64	3.27	0.29	0.41
HK-3/2		14/07/2011	03/08/2011	480.00	7.24	8.32	1.07	13.90	15.97	2.06	0.49	0.56
HK-4/2		14/07/2011	03/08/2011	480.00	7.66	10.45	2.79	14.70	20.07	5.36	0.51	0.70
HK-5/2		14/07/2011	03/08/2011	480.00	7.73	7.12	<L.O.D.	14.85	13.67	<L.O.D.	0.52	0.48
HK-6/2		14/07/2011	03/08/2011	480.00	4.58	5.76	1.18	8.80	11.06	2.26	0.31	0.39
HK-7/2		14/07/2011	03/08/2011	480.00	5.73	7.91	2.18	11.01	15.19	4.19	0.38	0.53

The Diffusion Tubes have been tested within the scope of Gradko International Ltd. Laboratory Quality Procedures calculations and assessments involving the exposure procedures and periods provided by the client are not within the scope of our UKAS accreditation. Those results obtained using exposure data shall be indicated by an asterisk. Any queries concerning the data in this report should be directed to the Laboratory Manager Gradko International Ltd.

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UKAS TESTING
2187

LABORATORY ANALYSIS REPORT

HK-8/2	14/07/2011	03/08/2011	480.00	5.93	8.12	2.19	11.38	15.59	4.21	0.40	0.54
HK-9/2	14/07/2011	03/08/2011	480.00	2.49	3.03	0.54	4.79	5.82	1.03	0.17	0.20
HK-10/2	14/07/2011	03/08/2011	480.00	3.84	6.32	2.48	7.37	12.13	4.76	0.26	0.42
Travel Blanks			480.00	0.93	5.26	4.33	1.78	10.09	8.31	0.06	0.35
Lab Blanks			480.00	0.12	1.54	1.42	0.23	2.95	2.72	0.008	0.103

Comment: Results are not blank subtracted
<L.O.D. means below the limit of detection.
*NO results are derived by subtracting NO2 from NOx.
Results have been corrected to a temperature of 293K (20C)

Overall M.O.U. 7.3% +/-
Tube Preparation: 20%TEA/Water
Analysed on UVS03 Cecil

Limit of Detection 2.2ppb NOx, 0.23ppb NO2

Analyst Name J. Samuel

Date of Analysis 15/08/2011

Date of Report 16/08/2011

Analysis carried out in accordance with documented in-house Laboratory Method GLM7

The Diffusion Tubes have been tested within the scope of Gradko International Ltd. Laboratory Quality Procedures calculations and assessments involving the exposure procedures and periods provided by the client are not within the scope of our UKAS accreditation. Those results obtained using exposure data shall be indicated by an asterisk. Any queries concerning the data in this report should be directed to the Laboratory Manager Gradko International Ltd.

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tel.: 01962 860331 fax: 01962 841339 e-mail:diffusion@gradko.co.uk

UKAS TESTING
2187

LABORATORY ANALYSIS REPORT

NITROGEN DIOXIDE IN DIFFUSION TUBES BY U.V. SPECTROPHOTOMETRY

REPORT NUMBER 46105

BOOKING REFERENCE No E 4423

CUSTOMER Çinar Engineering/Çinar Environmental Lab
Ankara, Turkey

DATE SAMPLES RECEIVED 25/08/2011

ESER Project

2. Period

NO_2 Tube Number	NO_x	Exposure Data: Date On	Date Off	Time (hr.)	NO_2 ppb *	NO_x ppb *	NO ppb * +	NO_2 µg/m³	NO_x µg/m³	NO µg/m³ * +	TOTAL µG NO_2	TOTAL µG NOx
HK-1/3		03/08/2011	23/08/2011	480.00	3.58	6.30	2.72	6.88	12.10	5.22	0.24	0.42
HK-2/3		03/08/2011	23/08/2011	480.00	2.66	5.46	2.81	5.10	10.49	5.39	0.18	0.37
HK-3/3		03/08/2011	23/08/2011	480.00	5.21	6.70	1.49	10.00	12.87	2.87	0.35	0.45
HK-4/3		03/08/2011	23/08/2011	480.00	4.85	7.03	2.18	9.32	13.50	4.19	0.33	0.47

The Diffusion Tubes have been tested within the scope of Gradko International Ltd. Laboratory Quality Procedures calculations and assessments involving the exposure procedures and periods provided by the client are not within the scope of our UKAS accreditation. Those results obtained using exposure data shall be indicated by an asterisk. Any queries concerning the data in this report should be directed to the Laboratory Manager Gradko International Ltd.

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Signed.....
L. Gates, Laboratory Supervisor

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tel.: 01962 860331 fax: 01962 841339 e-mail:diffusion@gradko.co.uk

UKAS TESTING 2187

LABORATORY ANALYSIS REPORT

HK-5/3	03/08/2011	23/08/2011	480.00	6.03	5.91	<L.O.D.	11.58	11.35	<L.O.D.	0.40	0.40
HK-6/3	03/08/2011	23/08/2011	480.00	3.25	4.05	0.79	6.25	7.77	1.52	0.22	0.27
HK-7/3	03/08/2011	23/08/2011	480.00	4.49	7.09	2.60	8.63	13.62	4.99	0.30	0.48
HK-8/3	03/08/2011	23/08/2011	480.00	4.00	8.08	4.08	7.68	15.51	7.83	0.27	0.54
HK-9/3	03/08/2011	23/08/2011	480.00	3.27	5.43	2.16	6.28	10.43	4.16	0.22	0.36
HK-10/3	03/08/2011	23/08/2011	480.00	2.52	6.94	4.42	4.84	13.33	8.48	0.17	0.47
Travel Blanks			480.00	0.28	1.70	1.42	0.54	3.27	2.72	0.02	0.11
Lab Blanks			480.00	0.15	1.54	1.39	0.29	2.95	2.67	0.01	0.103

The Diffusion Tubes have been tested within the scope of Gradko International Ltd. Laboratory Quality Procedures calculations and assessments involving the exposure procedures and periods provided by the client are not within the scope of our UKAS accreditation. Those results obtained using exposure data shall be indicated by an asterisk. Any queries concerning the data in this report should be directed to the Laboratory Manager Gradko International Ltd.

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tel.: 01962 860331 fax: 01962 841339 e-mail:diffusion@gradko.co.uk

UKAS TESTING 2187

LABORATORY ANALYSIS REPORT

Comment: Results are not blank subtracted
<L.O.D. means below the limit of detection.
***NO results are derived by subtracting NO2 from NOx.**
Results have been corrected to a temperature of 293K (20C)

Overall M.O.U.	7.8% +/-	**Limit of Detection**	2.2ppb NOx, 0.23ppb NO2
Tube Preparation: 20%TEA/Water	Analysed on UVS04 Camspec M550		
		Analyst Name	B. Gregory
Date of Analysis	30/08/2011	**Date of Report**	02/09/2011

Analysis carried out in accordance with documented in-house Laboratory Method GLM7

The Diffusion Tubes have been tested within the scope of Gradko International Ltd. Laboratory Quality Procedures calculations and assessments involving the exposure procedures and periods provided by the client are not within the scope of our UKAS accreditation. Those results obtained using exposure data shall be indicated by an asterisk. Any queries concerning the data in this report should be directed to the Laboratory Manager Gradko International Ltd.

REPORT OFFICIALLY CHECKED

Gradko International Ltd
This signature confirms the authenticity of these results
Signed.....
L. Gates, Laboratory Supervisor

TÜRK AKREDİTASYON KURUMU

AKREDİTASYON SERTİFİKASI

Deney Laboratuvarı olarak faaliyet gösteren,

ÇINAR
MÜHENDİSLİK MÜŞAVİRLİK VE PROJE HİZ.LTD.ŞTİ.
Çevre Ölçüm Ve Analiz Laboratuvarı

Huzur Mah. 1139. Sok. Çınar Apt. NO:6/1-2 Öveçler
06460 ANKARA / TÜRKİYE

TÜRKAK tarafından yapılan denetim sonucunda TS EN ISO/IEC 17025:2005 Standardına göre Ek'te yer alan kapsamlarda akredite edilmiştir.

Akreditasyon No : AB-0038-T

Akreditasyon Tarihi : 29-Kasım-2005

Revizyon Tarihi / No : 10-Kasım-2009 / 06

Bu Sertifika, yukarıda açık adı ve adresi yazılı Kuruluşun TS EN ISO/IEC 17025:2005 Standardına, ilgili Yönetmelik ve Tebliğlere uygunluğunu sürdürmesi halinde 09-Kasım-2013, tarihine kadar geçerlidir.

Ali BOĞA
Yönetim Kurulu Başkanı

Atakan BAŞTÜRK
Genel Sekreter

+90 312 410 83 00 - www.turkak.org.tr

T.C.
ÇEVRE VE ORMAN BAKANLIĞI
Çevre Yönetimi Genel Müdürlüğü

ÇEVRE ÖLÇÜM VE ANALİZLERİ YETERLİK BELGESİ

Belge No	**Y-06/031/2008**
Kapsam	Su, Atık Su, Deniz Suyu, Arıtma Çamuru(Ek-11A), Sudan Numune Alma, Bacagazı Emisyonu, İmisyon(Çevre Havası), Gürültü, Titreşim
Düzenleme tarihi	15/12/2008
Kurum Adı	ÇINAR Mühendislik Müşavirlik ve Proje Hiz. Ltd. Şti., Çevre Ölçüm ve Analiz Laboratuvarı
Adresi	Çınar Apt. No: 6/3 06460 Öveçler / ANKARA

4856 Sayılı Çevre ve Orman Bakanlığı Kuruluş ve Görevleri Hakkında Kanun ve 05.09.2009 tarih ve 26988 sayılı Resmi Gazete Çevre Ölçüm ve Analiz Laboratuvarları Yeterlik Yönetmeliği gereği yukarıda açık adı ve adresi belirtilen kurum/kuruluş Ek Liste'de belirtilen kapsamda aşağıda belirtilen tarihler arasında ölçüm ve/veya analiz yapmaya ve bu çerçevede rapor hazırlamaya yetkilidir.

YETERLİLİK SÜRECİNİN

BAŞLAMA TARİHİ : 15/12/2008

BİTİŞ TARİHİ : 15/12/2012

EK : PARAMETRE[1] LİSTESİ (6 Sayfa)

Prof. Dr. Lütfi AKÇA
Bakan a.
Genel Müdür

Revizyon Tarihi/No: 15.10.2009/02
Yenileme Tarihi/No: 15.10.2009/01

[1] Parametrelerin geçerlilik süreleri için lütfen listeye bakınız

ANNEX – 17

Acoustic Report

FARCAN

FARCAN ENERGY GENERATION CORP.

ESER NATURAL GAS COMBINED CYCLE POWER PLANT PROJECT

ACOUSTIC REPORT



MUNICIPALITY OF KILIÇLAR, DISTRICT OF YAHŞİHAN, PROVINCE OF KIRIKKALE

ANKARA – JULY 2011

ÇINAR

ÇINAR ENVIRONMENTAL LABORATORY

ACOUSTIC REPORT

A. GENERAL INFORMATION

1. Trade Name of the Facility / Operation

FARCAN ENERJİ ÜRETİM AŞ (FARCAN ENERGY GENERATION CORP.)

2. Address of the Facility / Operation

MUNICIPALITY OF KILIÇLAR, DISTRICT OF YAHŞİHAN, PROVINCE OF KIRIKKALE

3. Scope of Production / Service for the Facility / Operation

Under the said project, it is planned by Farcan Enerji Üretim Aş (Farcan Energy Generation Corp.) to operate ESER Natural Gas Combined Cycle Power Plant having an installed output of 835MW on a land area of approximately 227,000 m2 on Island 103 and Parcel 6 in the territories of Municipality Of Kılıçlar, District Of Yahşihan, Province Of Kırıkkale.

Necessary applications have been made to the Energy Market Regulatory Authority (EPKDK) to obtain licenses for construction of a natural gas combined cycle power plant and electricity generation under the project. The power plant electrical output for the subject project is an installed output of 835 MWE and it is planned to generate 6,262 GWh of electricity per year.

4. Location of the Facility / Operation in Annex VII (reference to the relevant article in List A/B)

The subject project is covered by the stipulation, “operations and facilities specified by Annex 1 and Annex 2 to the Regulation on the Permissions and Licenses Required To Be Obtained As per the Environmental Law” as set forth by Article 33 of the Regulation on the Assessment and Management of Environmental Noise, which has taken force upon promulgation in Official Gazette Issue No 26601 of 04.06.2010. Therefore, environmental permission in connection with noise shall be obtained after the facility is put into operation.

An assessment has been made about potential noise which would generate at the construction and operation stages of the activity as well as about the measures to be taken against it as part of this Acoustic Report prepared under the subject project.

5. Designation of the area where the facility is located by having due regard to the construction development / implementation plans (as per the categories which are incorporated in Table 4 in Annex VIII to the Regulation)

Under the said project, it is planned by Farcan Enerji Üretim Aş (Farcan Energy Generation Corp.) to operate ESER Natural Gas Combined Cycle Power Plant having an installed output of 835MW on a land area of approximately 227,000 m2 on Island 103 and Parcel 6 in the territories of Municipality Of Kılıçlar, District Of Yahşihan, Province Of Kırıkkale.

The settlement land area of the power plant covered by the subject project is approximately 150,000 m2. Other part of the land area shall be used for landscaping purposes. The project area is owned by the Treasury and no agricultural activities are currently carried out on it. The project area is situated on a land of pasture and grazing.

6. Distance of the structures nearest to the facility (in terms of m)

The Village of Hacıbalı located about 2000 m northeast and Municipality of Irmak located about 2,500 m northwest are the residential areas which are nearest to the project area. The satellite image indicating the residential areas in the project area and its environs is provided below and detailed information connection therewith is provided by the EIA Report.



Figure A.6.1. Project area satellite view

7. Characteristics of the area where the Facility / Operation is to be built (land composition, controlling wind direction, relative humidity)

<u>General Climatic Conditions of the Region</u>

The height of the Province of Kırıkkale from sea, in the territories of which the project is located, varies between 570 m and 1744 mm. The provincial center has a height of 720 m. The project area is situated on the moderate / warm climatic belt. However, the climate takes on the characteristics of continental climate because the area where it is situated is far from sea and daily temperature significantly fluctuates due to the steppe characteristics of the area.

Severe continental climate is predominant in the project area. Summers are hot while winters are cold. The temperature varies between + 39 C 0 and – 21 C 0 and average temperature is about 13 C 0. Average precipitation volume is 329 mm.

According to the pressure records of Kırıkkale Meteorological Station covering many years (1975 – 2010), average pressure, maximum pressure and minimum pressure in the province are 929.8 hPa, 943.7 hPa and 913.6 hPa, respectively.

The numbers of wind blowing on the basis of the months and seasons pursuant to the data of Kırıkkale Meteorological Station covering many years (1975 – 2010) are provided by the EIA Report in detail. As it will be seen from these figures, the controlling wind direction is northeast.

The meteorological information prepared by considering the Meteorological Data Bulletin Covering Many Years between 1975 and 2010, which was issued by Kırıkkale Meteorological Station, which is the meteorological station nearest to the activity area is provided by the EIA Report in detail.

8. **Utilization land area of the Facility / Operation (total land area, land area occupied by the Facility / Operation, area of social and administrative structures, green belt and unoccupied area (m2 or km2)**

Under the said project, it is planned by Farcan Enerji Üretim Aş (Farcan Energy Generation Corp.) to operate ESER Natural Gas Combined Cycle Power Plant having an installed output of 835MW on a land area of approximately 227,000 m2 on Island 103 and Parcel 6 in the territories of Municipality Of Kılıçlar, District Of Yahşihan, Province Of Kırıkkale. The settlement land area of the power plant covered by the subject project is approximately 150,000 m2. Other part of the land area shall be used for landscaping purposes. The project area is owned by the Treasury and no agricultural activities are currently carried out on it. The project area is situated on a land of pasture and grazing.

9. **Layout plan of the process units of the Facility / Operation as well as of the locations used for social purposes (amenities)**

The general layout plan which has been prepared under the project is provided in the annexes to the EIA Report.

10. **Generation flow diagram and places of noise sources under the Facility / Operation (their indication on a sketch)**

Noise would generate during operation of heavy duty construction machines (excavators, loading vehicles, etc.) and construction activities (excavation, formwork – construction bars – concrete manufacturing, steel construction performance, etc.) as part of the land preparation and construction stage.

Major units which would be expected to pose as noise sources at the operation stage of the project are all the power generation units and vehicles carrying products whilst vehicles and machinery and equipment which would operate would also pose as noise sources.

Sound Plan Program has been used for the purpose of determining the noise which would generate and accordingly, the layout of the noise sources in the project area is indicated by Figure B.5.1 and Figure D.2.5.

11. **Distance of the Health Protection Band**

As per Article 16 of the “Regulation on Opening and Running Work Places”, the health protection band is determined by the review boards by taking into account any harmful effects and polluting elements, which would be caused by the facilities on environment and public health.

Accordingly, the EIA Report provides detailed information on the health protection band distance of the subject facility.

12. **Information on the work period (total work period, non-stop or interrupted work circumstances, numbers of swifts)**

It is planned to employ about 1000 members of staff for a period of about 30 months as part of installation of the units at the construction stage under the activity covered by the subject project. Employees in varying numbers would work at the job site at different times and the number of employees all working at the same time is projected at 500 persons. The total construction period is scheduled as 30 months.

Such activities would be carried out throughout the day time slice (between 07.00 and 19.00) and therefore there would be no work at night.

B. INFORMATION ON THE NOISE / VIBRATION LEVELS FOR THE CONSTRUCTION STAGE

1. Area where the construction activity is to be carried out (location and land area in terms of m2 or km2), construction period (in terms of months and / or years) and work time slices (day and / or evening and / or night)

Under the said project, it is planned by Farcan Enerji Üretim Aş (Farcan Energy Generation Corp.) to operate ESER Natural Gas Combined Cycle Power Plant having an installed output of 835MW on a land area of approximately 227,000 m2 on Island 103 and Parcel 6 in the territories of Municipality Of Kılıçlar, District Of Yahşihan, Province Of Kırıkkale. The settlement land area of the power plant covered by the subject project is approximately 150,000 m2.

It is planned to employ about 1000 members of staff for a period of about 30 months as part of installation of the units at the construction stage under the activity covered by the subject project. Employees in varying numbers would work at the job site at different times and the number of employees all working at the same time is projected at 500 persons. The total construction period is scheduled as 30 months.

Such activities would be carried out throughout the day time slice (between 07.00 and 19.00) and therefore there would be no work at night.

2. Numbers and types of machinery and equipment to be used

Table B.2.1 provides the machinery and equipment and vehicles including their numbers, which would operate at the land preparation and construction stage under the project.

Table B.2.1 List of machinery and equipment to be used at the land preparation and construction works

Construction Machines	Quantity
CONSTRUCTION STAGE EQUIPMENT LIST	
D8 dozer	1
D4 dozer	1
Cranes	3
Vibrators	3
Rollers	2
Motor pumps	2
Loaders	2
Grader	1
Trucks	8
Water sprinkling tanks	2
Sheep foot roller	1
Compressors	2
Minibuses	2
Passenger cars	5
Generators	2
Excavators	4
CONCRETE PLANT EQUIPMENT LIST	
Concrete plant	1
Trans-mixers	8
Concrete pumps	2
Loaders	2
Trucks	2
Generator	1
Water sprinkling tank	1

3. Circumstances and positions of simultaneous operation

The machinery and equipment which are listed by Table B.2.1 shall operate in a certain order and it very unlikely for them to be present and operate at the same location altogether.

4. Sound level information on each item of equipment and reference sources from which such information is obtained

SoundPlan Program 6.5 has been used for the purpose of determining the noise level which would generate during the land preparation and construction works of the project planned. Information on the noise levels of such vehicles and equipment selected as the noise sources in the calculations made has been obtained from the data base available in the program library.

Accordingly, information obtained from the data base of SoundPlan Program 6.5 on the vehicles such as trucks, excavators and graders which would operate at the land preparation and construction stage of the project is provided below.

Dozers, working cycle:

The total noise level which would be generated by the vehicles, dozers (working cycle) selected on SoundPlan Program 6.5 would be 116.6 dBA and its distribution by frequency is provided by Figure B.4.1.

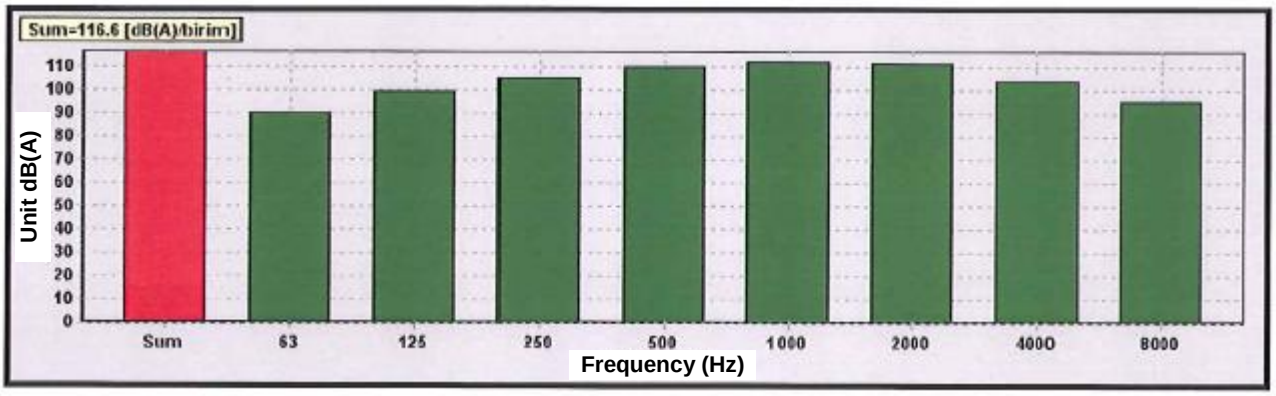


Figure B.4.1. Frequency analysis of the noise level for the dozers

Construction cranes: > 80 kW

The total noise level which would be generated by the cranes selected on SoundPlan Program 6.5 would be 105.0 dBA and its distribution by frequency is provided by Figure B.4.2.

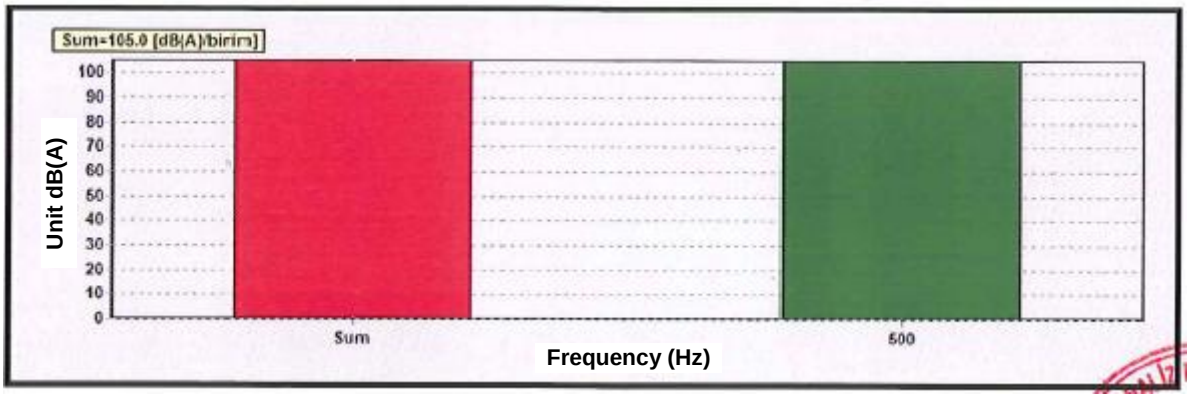


Figure B.4.2. Frequency analysis of the noise level for the cranes

Vibrators (concrete mixers; concrete pumps)

The total noise level which would be generated by the Vibrators (concrete mixers; concrete pumps) selected on SoundPlan Program 6.5 would be 109.0 dBA and its distribution by frequency is provided by Figure B.4.3.

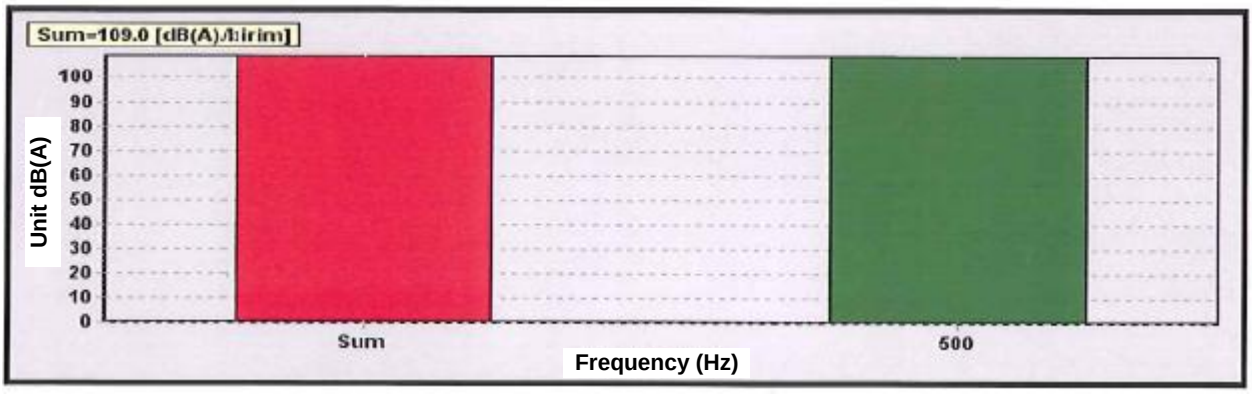


Figure B.4.3. Frequency analysis of the noise level for the vibrators

Road rollers

The total noise level which would be generated by the Vibrators (concrete mixers; concrete pumps) selected on SoundPlan Program 6.5 would be 112.0 dBA and its distribution by frequency is provided by Figure B.4.4.

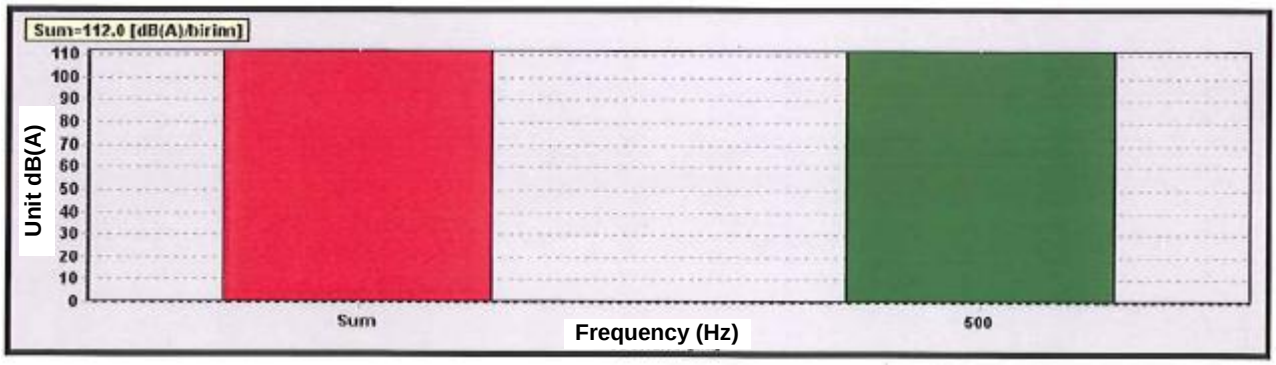


Figure B.4.3. Frequency analysis of the noise level for the Road rollers

Motor pumps (concrete mixers, concrete pumps)

The total noise level which would be generated by the Motor pumps (concrete mixers, concrete pumps) selected on SoundPlan Program 6.5 would be 109.0 dBA and its distribution by frequency is provided by Figure B.4.5.

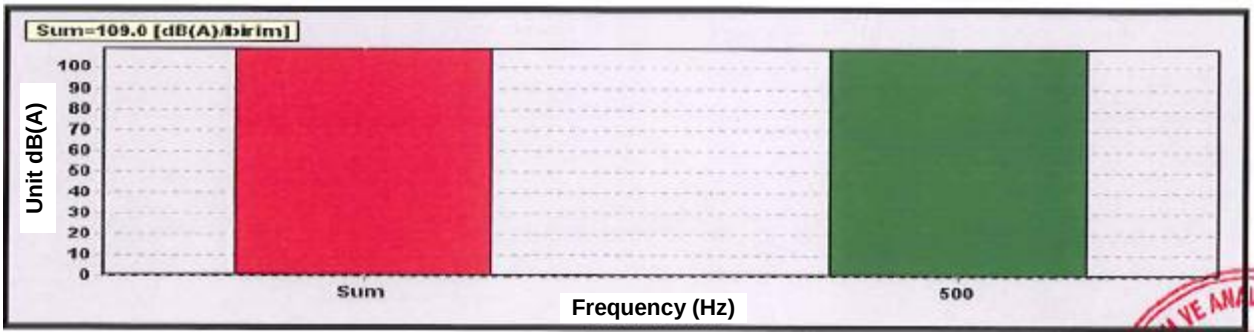


Figure B.4.3. Frequency analysis of the noise level for the Motor pumps

Loaders (Wheel loaders > 110 kW)

The total noise level which would be generated by the Loaders (Wheel loaders > 110 kW) selected on SoundPlan Program 6.5 would be 116.0 dBA and its distribution by frequency is provided by Figure B.4.6.

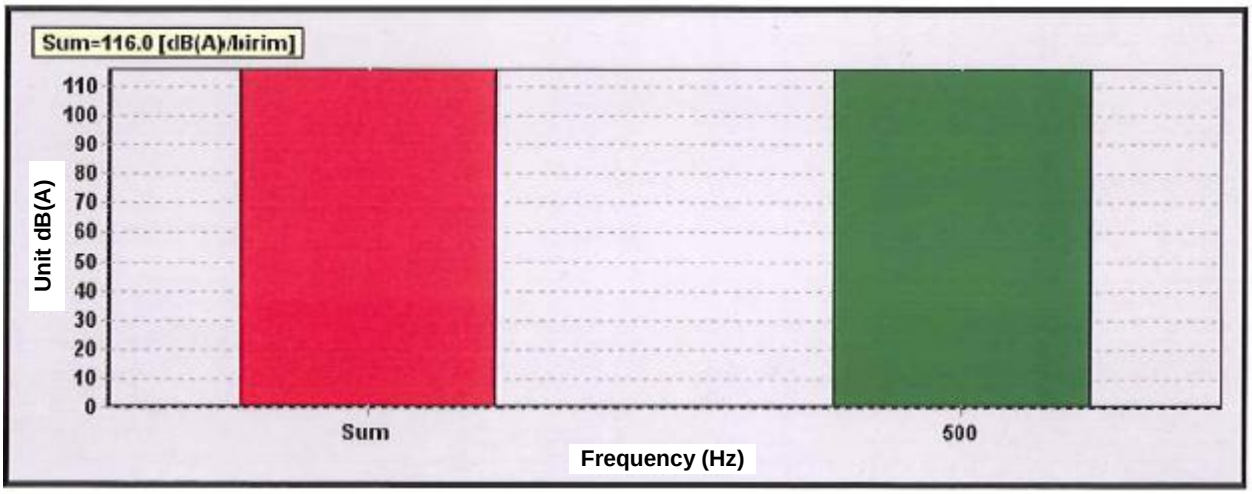


Figure B.4.6. Frequency analysis of the noise level for the Loaders (Wheel loaders > 110 kW)

Graders (bulldozers ca 150 kg)

The total noise level which would be generated by the Graders (bulldozers ca 150 kg) selected on SoundPlan Program 6.5 would be 114.0 dBA and its distribution by frequency is provided by Figure B.4.7.

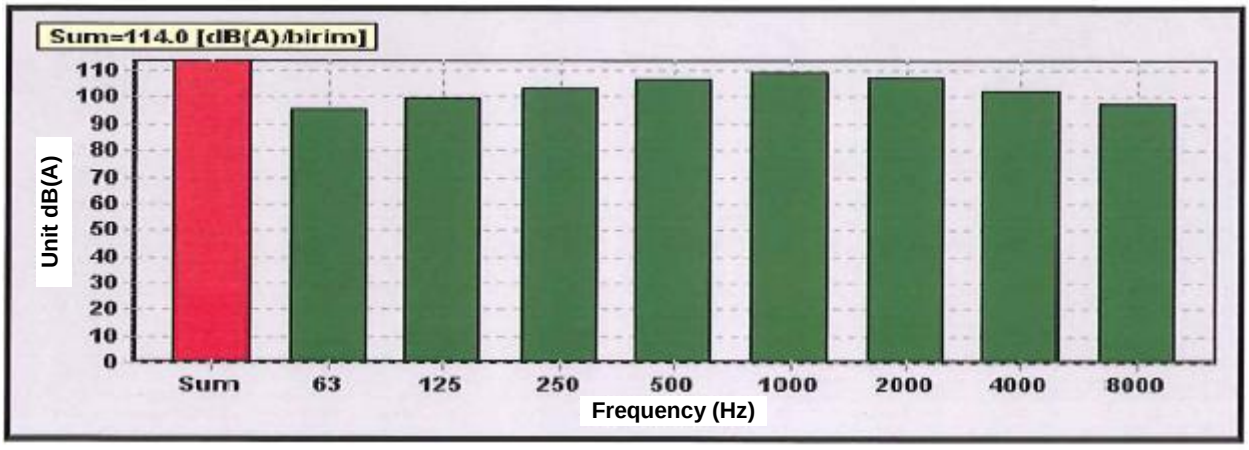


Figure B.4.7. Frequency analysis of the noise level for the Graders

Trucks (neutral)

The total noise level which would be generated by the Trucks (neutral) selected on SoundPlan Program 6.5 would be 94.0 dBA and its distribution by frequency is provided by Figure B.4.8.

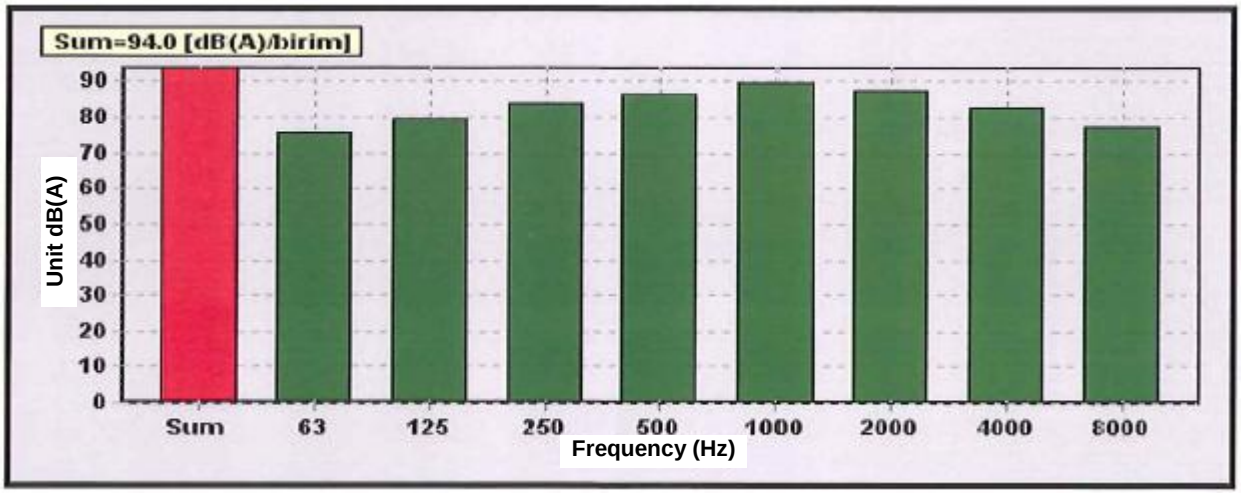


Figure B.4.8. Frequency analysis of the noise level for the Trucks

Water sprinkling tanks (trucks > 105 kW, 2000 1/min)

The total noise level which would be generated by the Water sprinkling tanks selected on SoundPlan Program 6.5 would be 79.1 dBA and its distribution by frequency is provided by Figure B.4.9.

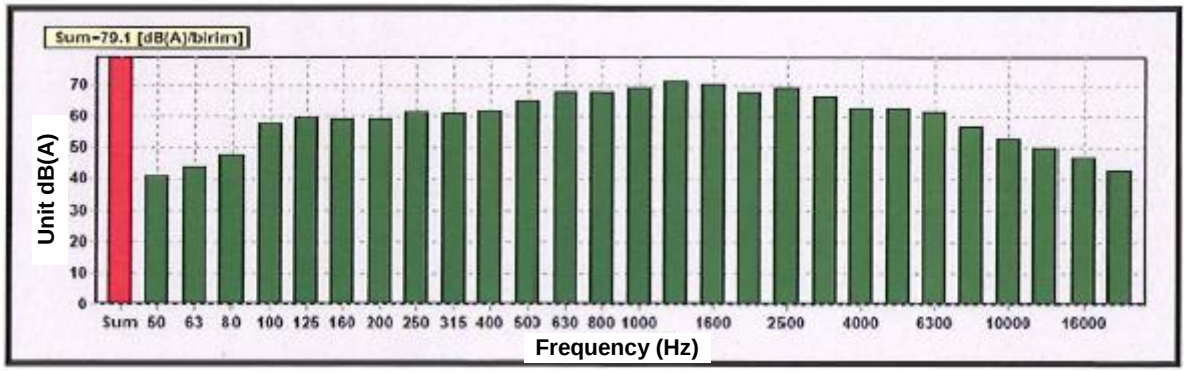


Figure B.4.9. Frequency analysis of the noise level for the Water sprinkling tanks

Sheep feet rollers (bulldozers ca 150 kW)

The total noise level which would be generated by the Sheep feet rollers (bulldozers ca 150 kW) selected on SoundPlan Program 6.5 would be 114.0 dBA and its distribution by frequency is provided by Figure B.4.10.

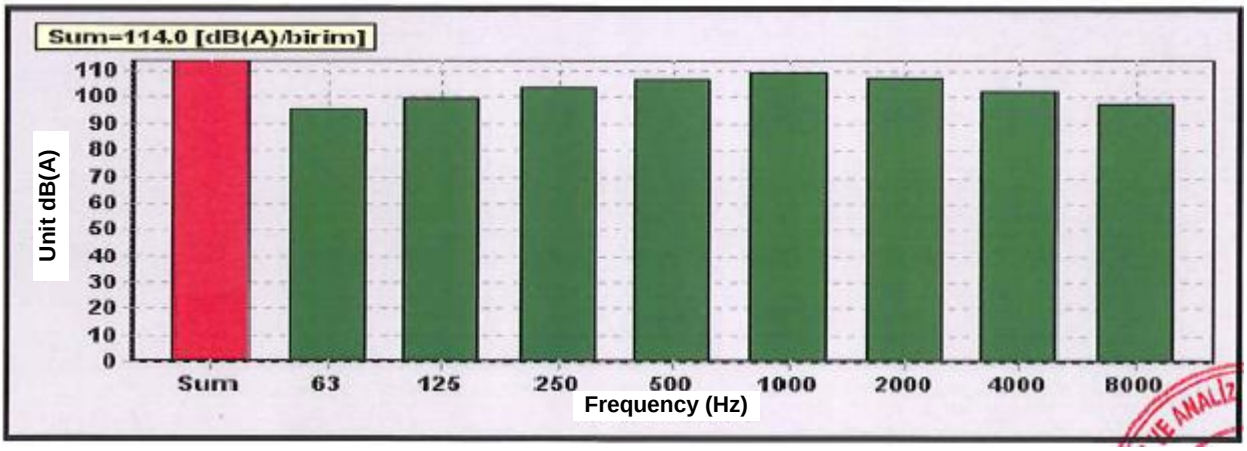


Figure B.4.10. Frequency analysis of the noise level for the Sheep feet rollers

Compressors (< 5 cbm / min., sound muffled)

The total noise level which would be generated by the Compressors (< 5 cbm / min., sound muffled) selected on SoundPlan Program 6.5 would be 103.0 dBA and its distribution by frequency is provided by Figure B.4.11.

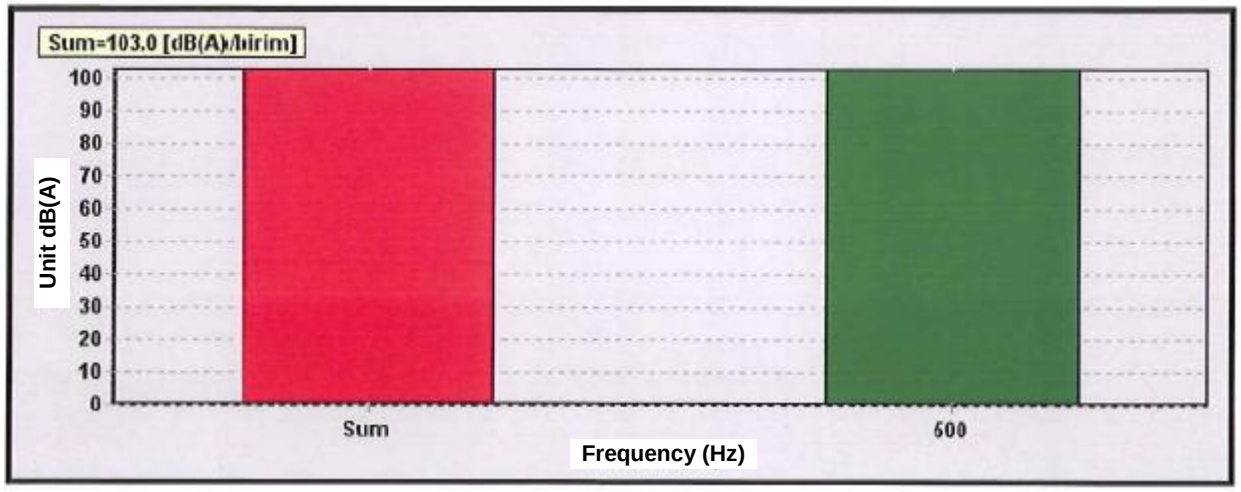


Figure B.4.11. Frequency analysis of the noise level for the Compressors

Minibuses, passenger cars (cars)

The total noise level which would be generated by the Minibuses, passenger cars (cars) selected on SoundPlan Program 6.5 would be 98.0 dBA and its distribution by frequency is provided by Figure B.4.12.

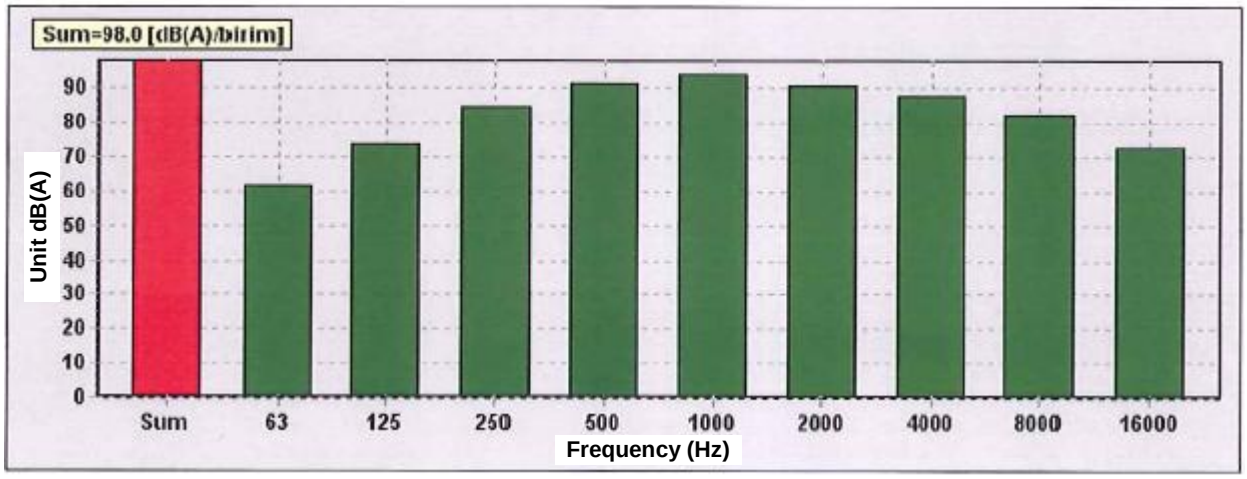


Figure B.4.12. Frequency analysis of the noise level for the Minibuses, passenger cars (cars)

Generators (generating sets 125 kVA)

The total noise level which would be generated by the Generators (generating sets 125 kVA) selected on SoundPlan Program 6.5 would be 113.0 dBA and its distribution by frequency is provided by Figure B.4.13.

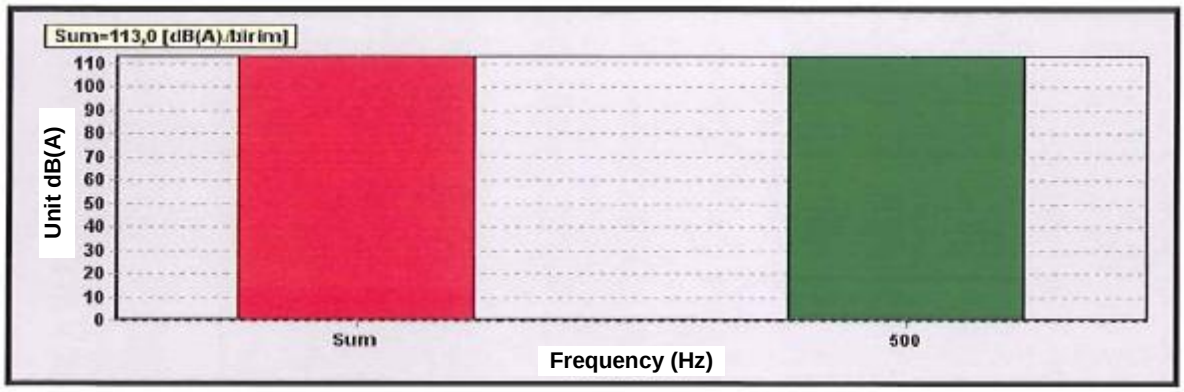


Figure B.4.3. Frequency analysis of the noise level for the generators

Excavators (Trench Excavators)

The total noise level which would be generated by the Excavators (Trench Excavators) selected on SoundPlan Program 6.5 would be 114.0 dBA and its distribution by frequency is provided by Figure B.4.14.

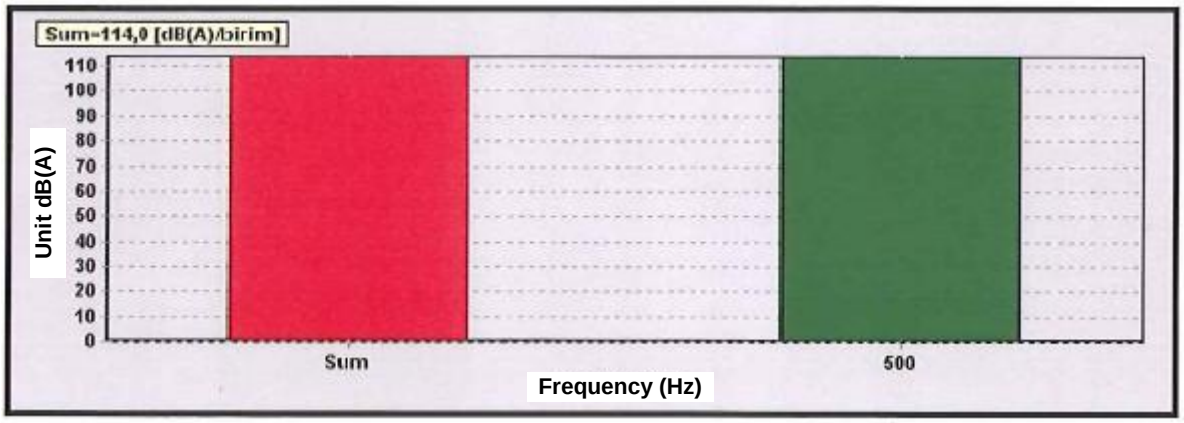


Figure B.4.14. Frequency analysis of the noise level for the Excavators

Concrete plants (concrete mixers: 150 – 500 l, mec. Filling)

The total noise level which would be generated by the Concrete plants (concrete mixers: 150 – 500 l, mec. Filling) selected on SoundPlan Program 6.5 would be 108.0 dBA and its distribution by frequency is provided by Figure B.4.15.

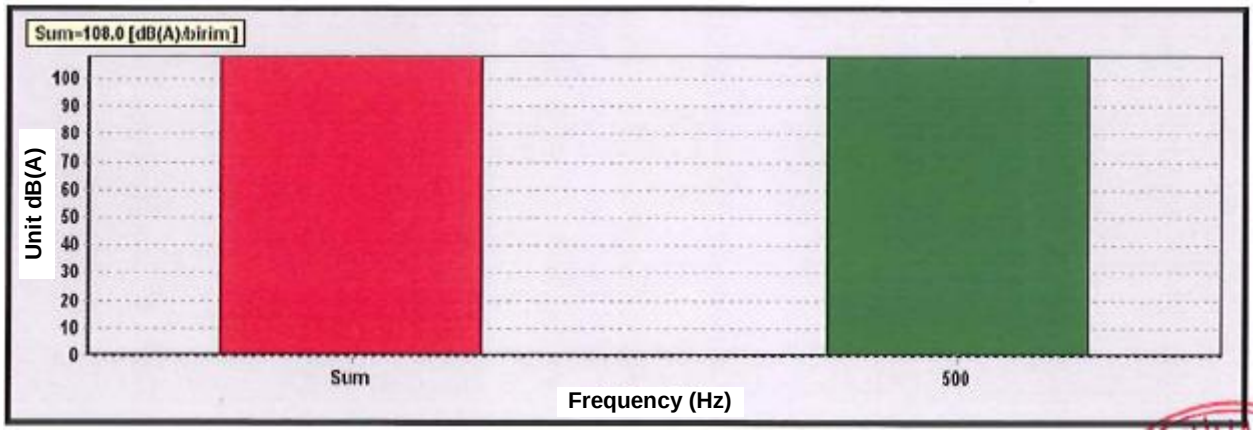


Figure B.4.15. Frequency analysis of the noise level for the Concrete plants (concrete mixers)

Trans-mixers (concrete mixers: 150 – 500 l, mec. Filling)

The total noise level which would be generated by the Trans-mixers (concrete mixers: 150 – 500 l, mec. Filling) selected on SoundPlan Program 6.5 would be 108.0 dBA and its distribution by frequency is provided by Figure B.4.16.

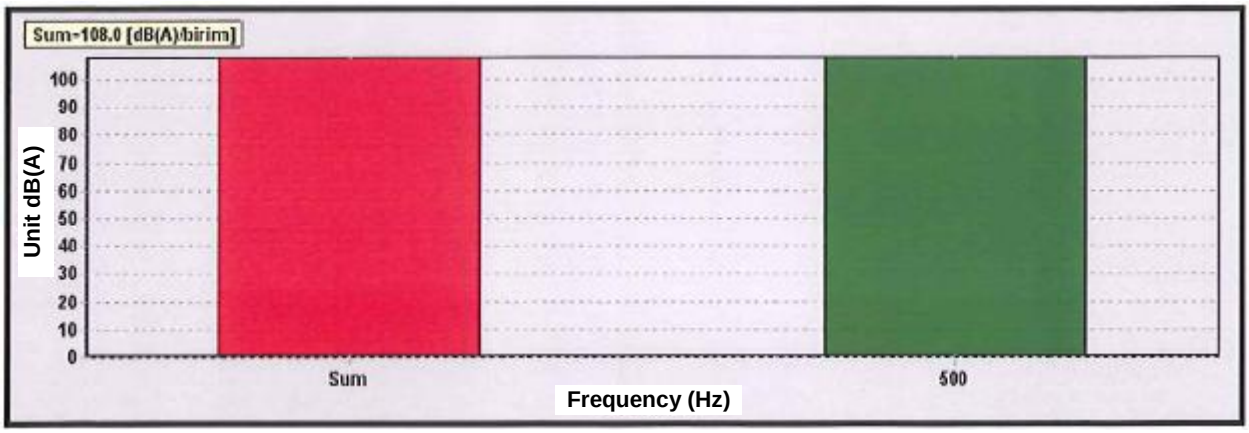


Figure B.4.16. Frequency analysis of the noise level for the Trans-mixers

Concrete pumps (concrete mixers: concrete pumps)

The total noise level which would be generated by the Concrete pumps (concrete mixers: concrete pumps) selected on SoundPlan Program 6.5 would be 109.0 dBA and its distribution by frequency is provided by Figure B.4.17.

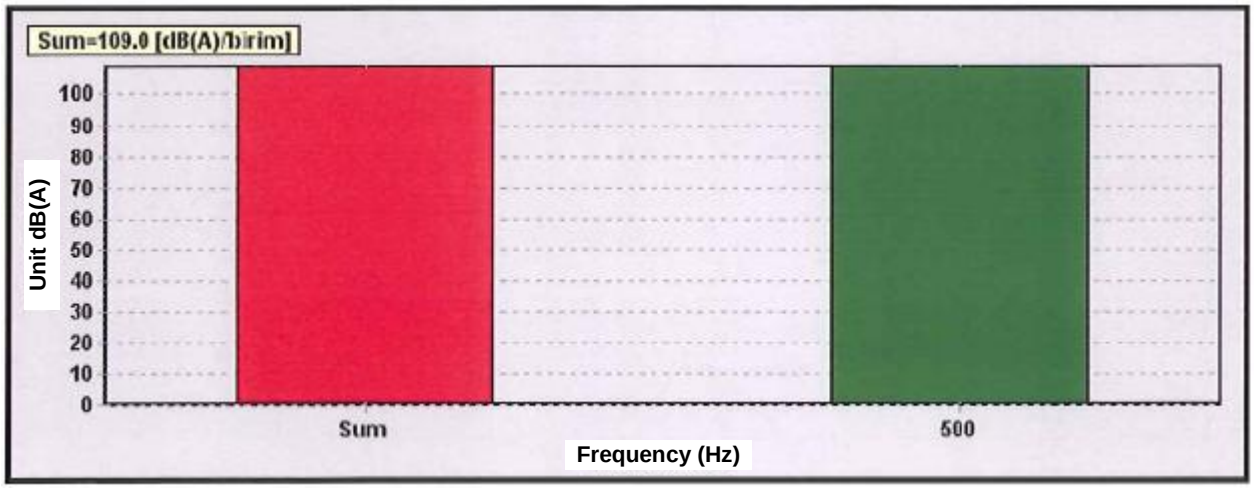


Figure B.4.17. Frequency analysis of the noise level for the Concrete pumps

Loaders (Loaders; wheeled loaders > 110 kW)

The total noise level which would be generated by the Loaders (Loaders; wheeled loaders > 110 kW) selected on SoundPlan Program 6.5 would be 116.0 dBA and its distribution by frequency is provided by Figure B.4.18.

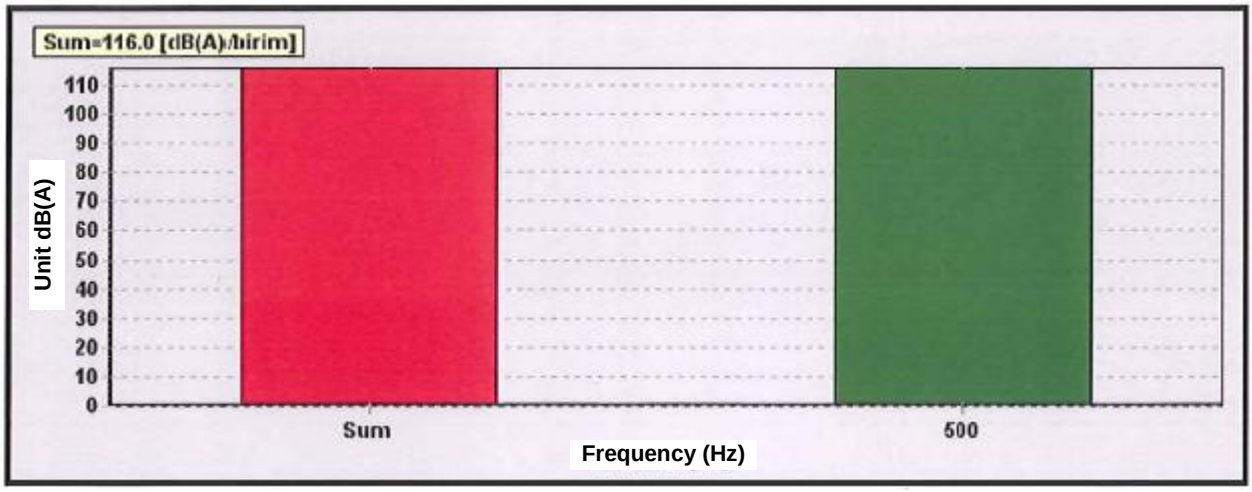


Figure B.4.18. Frequency analysis of the noise level for the Loaders

5. Calculation of the total noise level which would generate as a result of the construction activity (consideration of distance and atmospheric absorption as per the principle of diffusion of sound in outdoor areas)

SoundPlan Program 6.5 has been used for the purpose of determining the noise level which would generate during the land preparation and construction works of the project planned. Information on the noise levels of such vehicles and equipment selected as the noise sources in the calculations made has been obtained from the data base available in the program library.

As a first step, the model of the height of the natural ground directly affecting the noise distribution has been generated on the program. As the natural ground has been reflected in the program, the height contours which were present on a 1/25,000 scale topographic map and annotated at 10 m heights have been digitized.

After the heights have been digitized, temporary SZM (digital ground modeling) has been generated for the purpose of ensuring that the program would sense the digitized contours. After the operation of development of temporary SZM, the vehicles which would operate during the land preparation works have been defined on the program and placed inside the facility settlement area accordingly. Data have been inputted into the calculations made by assuming that all the vehicles would operate at the same time and same point during the land preparation works.

As a result of these studies, the area of calculation where the noise level would be calculated has been defined and accordingly, any noise levels arising of the vehicles which would operate inside this area have been calculated. The definition information (coordinates, height and noise level at different frequency intervals) about the vehicles which have been defined as the noise sources in the calculations made is provided below.

Table B.5.1. Information on the Noise Resources (Height, Coordinates and Noise Levels)

SOURCE	X	Y	z	Lw	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz
Dozer 1	535147.27	4417873.9	684.68	116.6	90	99	105	110	112
Dozer 2	535186.7	4417597.3	684.92	116.6	90	99	105	110	112
Crane	535052.43	4417818.6	701.54	105				105	
Crane 2	535178.76	4417491.9	693.84	105				105	
Crane 3	535147.21	4417681.6	688.17	105				105	
Vibrator 1	535168.32	4417776.4	680	109				109	
Vibrator 2	535081.35	4417634.2	715.28	109				109	
Vibrator 3	535199.85	4417552.5	684.89	109				109	
Road Roller 1	535102.46	4417750.1	696.7	112				112	
Road Roller 2	535360.42	4417207.4	684.48	112				112	
Motor pump 1	535126.11	4417589.4	705.03	109				109	
Motor pump 2	535239.32	4417394.5	686.99	109				109	
Loader 1	535273.57	4417439.2	681.14	116				116	
Loader 2	535291.96	4417283.8	688.33	116				116	
Grader 1	535263.05	4417481.4	680	114	95.6	99.6	103.6	106.6	109.6
Truck 1	535236.76	4417663.1	680	94	75.6	79.6	83.6	86.6	89.6
Truck 2	535307.78	4417328.6	683.98	94	75.6	79.6	83.6	86.6	89.6
Truck 3	535252.52	4417513	680	94	75.6	79.6	83.6	86.6	89.6
Truck 4	535336.74	4417283.8	684.41	94	75.6	79.6	83.6	86.6	89.6
Truck 5	535452.62	4417241.6	680	94	75.6	79.6	83.6	86.6	89.6
Truck 6	535273.56	4417389.2	684.17	94	75.6	79.6	83.6	86.6	89.6
Truck 7	535265.63	4417315.4	688.53	94	75.6	79.6	83.6	86.6	89.6
Truck 8	535378.88	4417273.2	681.54	94	75.6	79.6	83.6	86.6	89.6
Water Sprinkler 1	535139.4	4417963.4	684.05	79.1	50	63.7	65.4	70.4	74.4
Water Sprinkler 2	535242	4417573.6	680	79.1	50	63.7	65.4	70.4	74.4
Sheet feet roller 1	535194.64	4417734.3	680	114	95.6	99.6	103.6	106.6	109.6
Compressor 1	535207.72	4417441.9	689.93	103				103	
Compressor 2	535370.93	4417107.3	691.47	103				103	
Car 1	535052.4	4417702.7	715.05	98	61.5	74.2	84.4	91.1	94,3
Car 2	535147.17	4417534.1	698.88	98	61.5	74.2	84.4	91.1	94.3
Car 3	535328.82	4417223.2	687.89	98	61.5	74.2	84.4	91.1	94.3
Car 4	535339.33	4417154.7	689.1	98	61.5	74.2	84.4	91.1	94.3
Car 5	535339.41	4417410.2	680	98	61.5	74.2	84.4	91.1	94.3
Car 6	535084	4417686.9	707.15	98	61.5	74.2	84.4	91.1	94.3
Car 7	535097.23	4417892.3	696.64	98	61 5	74.2	84.4	91.1	94.3
Generator 1	535423.66	4417268	680	113				113	
Generator 2	535368.36	4417325.9	680	113				113	
Excavator 1	535141.99	4417826.5	681.9	105				105	
Excavator 2	535026.08	4417773.8	716.57	105				105	
Excavator 3	535423.63	4417186.3	680.42	105				105	
Excavator 4	535218.31	4417615.7	680	105				105	
Concrete Plant 1	535194.74	4418042.4	682.38	108				108	
Trans-mixer 1	535168.37	4417945	680	108				108	

SOURCE	X	Y	Z	Lw	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz
Trans-mixer 2	535184.15	4417879.1	680	108				108	
Trans-mixer 3	535097.25	4417952.9	692.63	108				108	
Trans-mixer 4	535086.68	4417839.6 4417787	695.57	108				108	
Trans-mixer 5	535118.27		689.39	108				108	
Trans-mixer 6	535144.59	4417723.7	684.88	108				108	
Trans-mixer 7	535044.55	4417892.3	701.36	108				108	
Trans-mixer 8	535186.76	4417800.1	680	108				108	
Concrete Pump 1	535192.04	4417829.1	680	109				109	
Concrete Pump 2	535205.16	4417673.7	680	109				109	
Loader1	535197.21	4417513	687.8	116				116	
Loader 2	535294.62	4417373.4	683.58	116				116	
Truck 9	535136.75	4417921.3	684.59	94	75.6	79.6	83.6	86.6	89.6
Truck 10	535078.81	4417926.6	696.12	94	75.6	79.6	83.6	86.6	89.6
Generator 3	535234.09	4417534.1	680	113				113	
Water Sprinkler 3	535286.68	4417249.6	691.71	79.1	50	63.7	65.4	70.4	74.4

The model inputs and settings for the program are provided below.

SoundPlan Program 6.5 Model Inputs and Program Settings (land preparation and construction stage);

Project explanation

Project explanation

Project title: ESER Natural Gas Combined Cycle Power Plant land preparation and construction stage works noise modeling
Engineer: Selahattin AYMAYA
Customer:

Explanation:

Series definition

Calculation:	Grid map noise
Title:	Construction
Series No:	1
Result No:	1
Start of calculation:	7/29/2011 1:04:15 PM
End of calculation:	7/29/2011 1:06:25 PM
Calculation period [msn]:	00:59:365 [m:s:ms]
No of points:	420
No of points calculated:	420
Version of the calculation module:	4/30/2009

Series parameters

Angle increase step:	2.00 deg
Reflection depth:	1
Reflection No:	1
Maximum scanning diameter:	5000
Assessment:	dB (A)

Calculation including lateral prevention:
Allow source lateral reflection preliminary calculation

Standards:

Industry:	ISO 9613 13-2: 1996	
Air absorption quality:	ISO 96 13	
Prevention loss limitation:		
	Single / multiple	20 dB / 25 dB
Environment:		
	Air pressure	929.8 mbar
	Relative humidity	% 77.5
	Temperature	12.5 0 C
	Meteorological correction CO (7-19h) [dB] = 0.0; CO (19-23h) [db] = 0.0; CO (23-7h) [dB] = 0.0	

VDI parameters for prevention

	C1 = 3 C2 = 20

Distinction parameters

Distance to the radius factor	2
Minimum distance	1 m
Maximum distance IGH + deviation	1 dB
Maximum recurrence number	4

Assessment: Lden (TR) – industry

Grid map:

Grid interval:	300.00 m
Height from ground:	5.000 m
Grid interpolation:	

Land area =	9 x 9
Min / Max =	10.0 dB
Difference =	0.1 dB

SZM ≠ has been used 0

Geometric data

New condition file.sit	7/29/2011 1:03:48 PM
- Contents:	
Calculation area.geo	7/29/2011 1:02:46 PM
Source construction.geo	7/29/2011 1:02:46 PM
SZM.geo	7/29/2011 1:02:50 PM
New cog-file.geo	7/29/2011 11:29:10 AM
Layout location.geo	7/29/2011 1:03:48 PM
Project area geo	7/29/2011 1:03:48 PM

The map which has arisen as a result of the noise level calculation made inside the calculation area is provided below as follows.

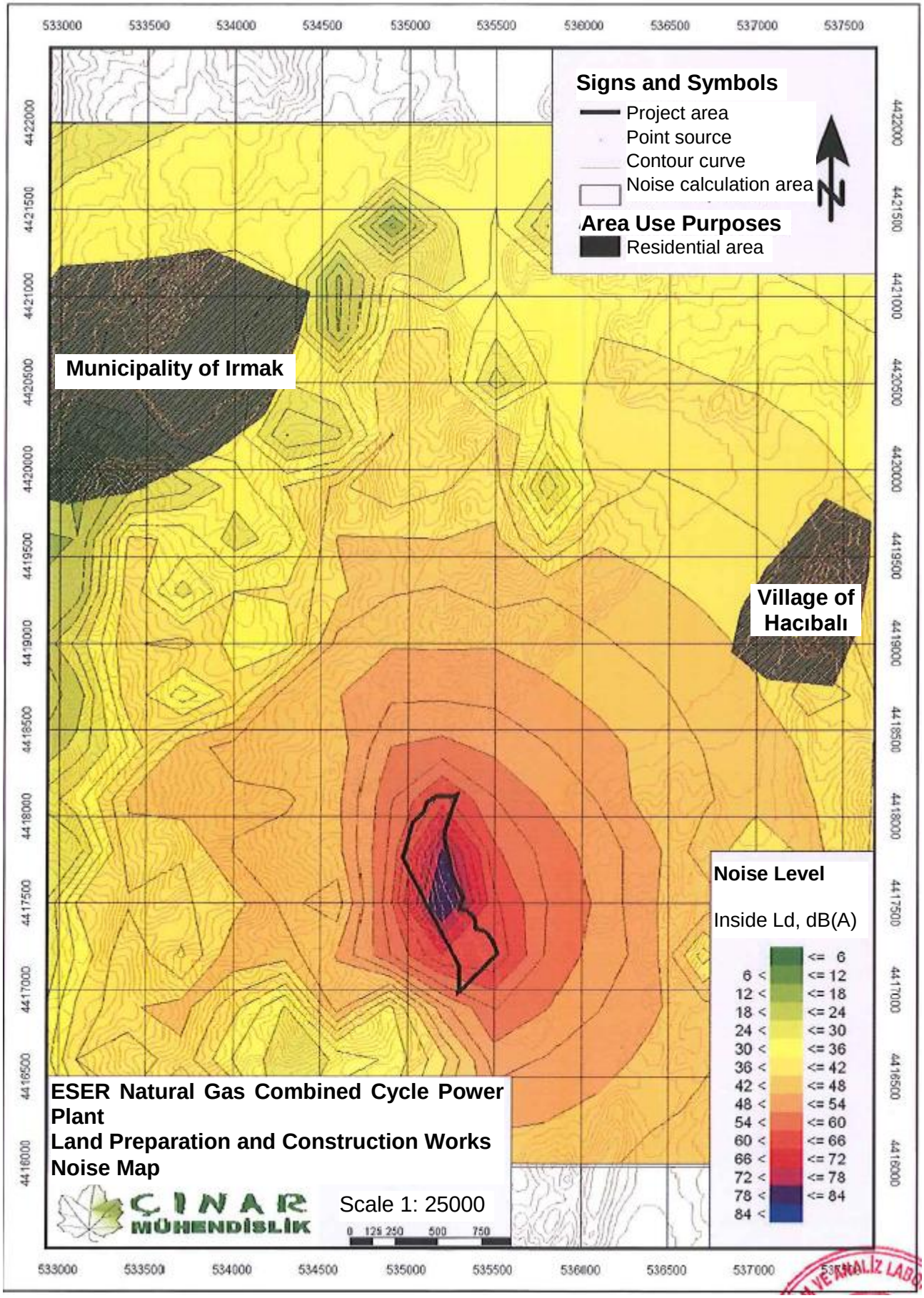


Figure B.5.1. Noise Map (land preparation and construction stage)

As a result of the calculations made and as it will also be seen on the noise map provided above, the level of noise generated by the vehicles which would operate during the construction works of the project would reach higher values in the zone of operation for the vehicles in particular. However, this value would fall even below 50 dBA at the nearest structure with respect to the noise level which would decrease due to the impact of both ground and distance.

The calculations carried out have been made on the basis of the assumption that the vehicles which would operate at the land preparation and construction stage would operate at the same location at the same time. However, it would be out of the question for all the vehicles to operate simultaneously throughout the construction works and the vehicles would operate in a certain order. Therefore, it is expected that noise would generate at such lower levels than those involving the noise levels obtained by way of calculation during the actual land preparation and construction works of the project.

6. Assessment of the values obtained as a result of calculation subject to Article 23 of ÇGDY Regulation

Table B.1.6 provides the environmental noise limit values for the job site area as prescribed by Table 5 in Annex VII to the Regulation on the Assessment and Management of Environmental Noise (ÇGDYY), which has taken force upon promulgation in Official Gazette Issue No 26601 of 04.06.2010.

Table B.6.1. Environmental noise limit values for the job site area

Type of activity (construction, demolition and repair)	Lday (dBA)
Building	70
Road	75
Other sources	70

It is observed that when the noise levels provided by Table B.6.1 are compared with the noise distribution indicated on the noise map provided by Figure B.5.2, the noise levels would remain below the limit value of 70 dBA indicated by Table 5 in Annex VII to the Regulation on the Assessment and Management of Environmental Noise (ÇGDYY) at the nearest residential areas.

7. Assessment as to whether vibration would be generated by machines and equipment as per Article 25 of the Regulation in case there would be any houses, hospitals and schools near the construction area (at a distance of minimum 50) and providing commitment for introduction of necessary measures in case of generation of vibration.

The planned project location is situated 2.5 km northwest of Municipality of Irmak and 2 km northeast of the Village of Hacıbalı and there are no sensitive areas of use near the project area. Therefore, no vibration would be expected to generate due to the fact that the subject residential areas and industrial plants are away from the project area.

C. INFORMATION ON THE BACKGROUND NOISE LEVEL

1) Determination and assessment of the present noise level outside the sensitive structure nearest to the area where the facility is to be built by taking as a basis the standards, TS 9315 and TS 9798. (In the event that the area where the facility is to be built is at a distance of 500 m from any noise sensitive structures, then, the operator could optionally commission measurement in order to prevent any complaints which could be made connection therewith; otherwise, such a measurement would not be obligatory)

1.1. Determination of such points at which background noise level measurement would be made (performance of measurement at minimum 2 points (depending on the types of noise sources) at the structures around the facility by taking as a reference the calculation or measurement points and values thereof in determining potential environmental noise level after the facility is put into operation)

Noise measurements have been taken at 4 different points around the planned project for the purpose of determining the present noise level and the measurement report thereof is provided by Annex 1 as the views of the measurement works are provided by Annex 2.

1.2. Distance of the measurement points to the project area

Noise measurements have been taken at 4 different points around the planned project for the purpose of determining the present noise level and the distances of the measurement points to the residential areas are indicated by 1/25.000 scale topographic map included in the EIA Report.

1.3. Distance between the measurement points

Noise measurements have been taken at 4 different points around the planned project for the purpose of determining the present noise level and the distance between the measurement points is indicated by 1/25.000 scale topographic map included in the EIA Report.

1.4. Measurement duration (at an interval of 5 to 15 minutes depending on the types of noise), dates, parameters measured and measurement results (and measurement records if any)

Measurement Frequency Interval: 24 – 137 dB, 10 Hz – 20 khz
Measurement Precision: < 0.7 dB
Parameters Measured: Lmax, Lmin, Leq

The results of the background noise measurements taken in the project area as well as in such residential areas nearest to the project area are provided in an annex to the Acoustic Report (Refer to Annex 1).

1.5. Measurement Height

The points where noise measurements have been taken have been selected at such points nearest to the residential areas according to the project area in compliance with ÇGDYY and measurements have been taken at a height of 1.5 m from ground as prescribed by the relevant regulation and standards.

1.6. Measurement Methodology

The background measurements taken have been taken in compliance with the Standard, TS 9315 9798.

The results of the measurements taken have been compared to the “categories of exposure to noise” as prescribed by Article 27 of ÇGDYY and accordingly, Table C.1.6.1 provides the noise levels and “categories of exposure to noise” prescribed by Article 27 of ÇGDYY, as determined as a result of the measurement studies.

Table C.1.6.1. Noise Levels Determined at the Points of Measurement

MEASUREMENT POINTS	GPS COORDINATES		AVERAGE NOISE LEVELS (dBA)			CATEGORIES OF EXPOSURE TO NOISE AS PRESCRIBED BY ARTICLE 27 OF ÇGDYY
	E	N	MIN	MAX	LEQ	
Daytime 1 (Measurement 1)	535237	4418102	45,3	72,3	51,9	*Category B (55 – 64 dBA in terms of Ldaytime)*
Daytime 2 (Measurement 2)	535393	4417134	47,5	84,7	58,6	*Category C (64 – 74 dBA in terms of Ldaytime)*
Daytime 3 (Measurement 3)	536351	4419520	31,7	88,4	63,9	*Category B (55 – 64 dBA in terms of Ldaytime)*
Daytime 4 (Measurement 4)	537155	4419154	28,8	70,1	43,9	*Category A (< 55 dBA in Terms of Ldaytime)*
Evening 1 Measurement 1)	535237	4418102	24,4	82,8	59,0	*Category B (55 – 64 dBA in terms of Ldaytime)*
Evening 2 Measurement 2)	535393	4417134	23,6	77,5	50,30	*Category C (64 – 74 dBA in terms of Ldaytime)*
Evening 3 Measurement 3)	536351	4419520	16,5	81,0	48,3	*Category B (55 – 64 dBA in terms of Ldaytime)*
Evening 4 Measurement 4)	537155	4419154	32,1	76,6	41,9	*Category A (< 55 dBA in Terms of Ldaytime)*
Night 1 (Measurement 1)	535237	4418102	31,8	74,8	40,6	*Category B (55 – 64 dBA in terms of Ldaytime)*
Night 2 (Measurement 2)	535393	4417134	31,9	37,7	34,8	*Category C (64 – 74 dBA in terms of Ldaytime)*
Night 3 (Measurement 3)	536351	4419520	32,3	80,5	46,3	*Category B (55 – 64 dBA in terms of Ldaytime)*
Night 4 (Measurement 4)	537155	4419154	32,3	83,3	50,0	*Category A (< 55 dBA in Terms of Ldaytime)*

* Category A (< 55 dBA in Terms of Ldaytime) Area: Under the planning decisions, such measures are taken to preserve the existing silence by considering any present or planned uses highly sensitive to noise. The noise at the highest level of this category is not of such a disturbing nature.

* Category B (55 – 64 dBA in terms of Ldaytime) Area: Environmental noise factor is assessed while planning decisions are adopted and facility construction permission issued for much and medium uses and such measures are taken to preserve the background noise. Planners take physical measures which shall be taken to preserve the layout during planning. In case of construction of a new facility, facility owner take measures connection therewith.

* Category C (64 – 74 dBA in terms of Ldaytime) Area: No normal planning decision is normally issued. However, where permission has to be issued because there are not any more silent locations in cases involving public interests, measures are taken against noise by duly considering the background noise level.

1.7. Information on the measurement devices which have been used in the measurements (device serial numbers, types, models and manufacturers)

Of the measurement device:

Make **:** SVANTEK
Device Model **:** SVAN 949 Original Type 1 noise measurement device
Device Serial No **:** 5142
Device Specifications **:** Type 1: in compliance with the international standards IEC 651, IEC 804 and IEC 61672-1; having 1/1 and 1/3 octave band filter; noise measurement device with permanent memory and measurement range between 24 and 137 dB.

1.8. Calibration method, calibration levels and measurement device calibration certificate

The calibration of the device has been realized by using the “insert voltage” technique. The calibration certificate for the measurement equipment has been issued by TÜBİTAK National Metering Institute.

1.9. Entity / Establishment Performing the Measurement (name, prequalification / qualification certificate)

Entity performing the measurement: Çınar Environmental Measurement and Analysis Laboratory

1.10. Assessment of the background noise level measured as per Articles 27 and 28 of ÇGDY Regulation

The noise measurement results have been compared to the “categories of exposure to noise” prescribed by Article 27 of ÇGDYY. Table C 1.6.1 provides the noise levels which have been determined as a result of measurement works.

D. INFORMATION ON THE LEVELS OF POTENTIAL NOISE / VIBRATION WHICH MIGHT OCCUR AT THE OPERATION STAGE

1. Information on any noise sources which would be a part of the Facility / Operation, sound output levels of noise sources, if any, and voice properties

The power plant main building, trucks and forklifts would be the noise sources at the operation stage of the project. Major machinery and equipment in the power plant main building are gas turbines, steam turbines, waste heat boiler, condensation unit and cooling unit and the calculations in connection with the potential noise level likely to occur at the operation stage of the project are provided below.

2. Calculation of the total noise level of the noise sources by using their sound output levels, if any, (by considering the fact that the power plant would operate at full capacity) (taking into account the distance and atmospheric absorption as per the principle of sound diffusion in outdoor area)

SoundPlan Program 6.5 has been used for the purpose of determining the noise level which would generate during the operation stage of the project planned. Information on the noise levels of such vehicles and equipment selected as the noise sources in the calculations made has been obtained from the data base available in the program library.

Accordingly, information obtained from the data base of SoundPlan Program 6.5 on the vehicles such as the turbine unit, trucks and forklifts which would operate at the operation stage of the project is provided below.

Power Plant (Burning Unit)

As calculated on SoundPlan Program 6.5, the total level of noise which would be generated by the Power Plant – burning unit would be 89.6 dBA and its distribution by frequency is provided by Figure D.2.1.

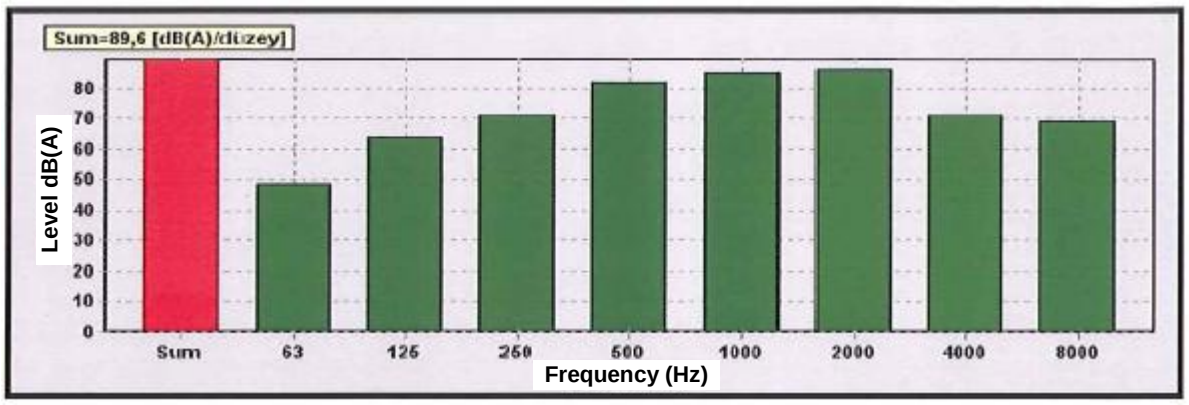


Figure D.2.1. Frequency Analysis of the Noise Level for the Power Plant – Burning Unit

Power Plant (turbine)

As calculated on SoundPlan Program 6.5, the total level of noise which would be generated by the Power Plant (turbine) system would be 92.0 dBA and its distribution by frequency is provided by Figure D.2.2.

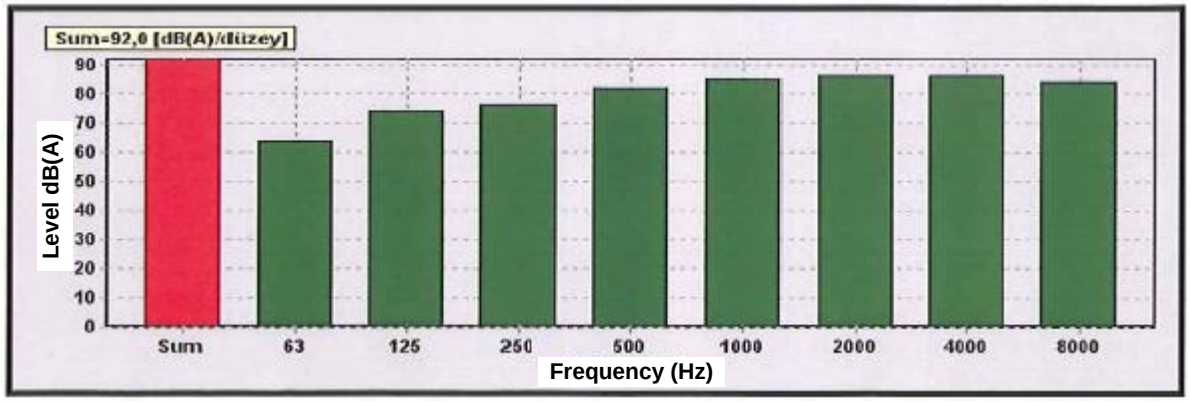


Figure D.2.2. Frequency Analysis of the Noise Level for the Power Plant turbine

Trucks (neutral)

As calculated on SoundPlan Program 6.5, the total level of noise which would be generated by the Trucks (neutral) would be 94 dBA and its distribution by frequency is provided by Figure D.2.3.

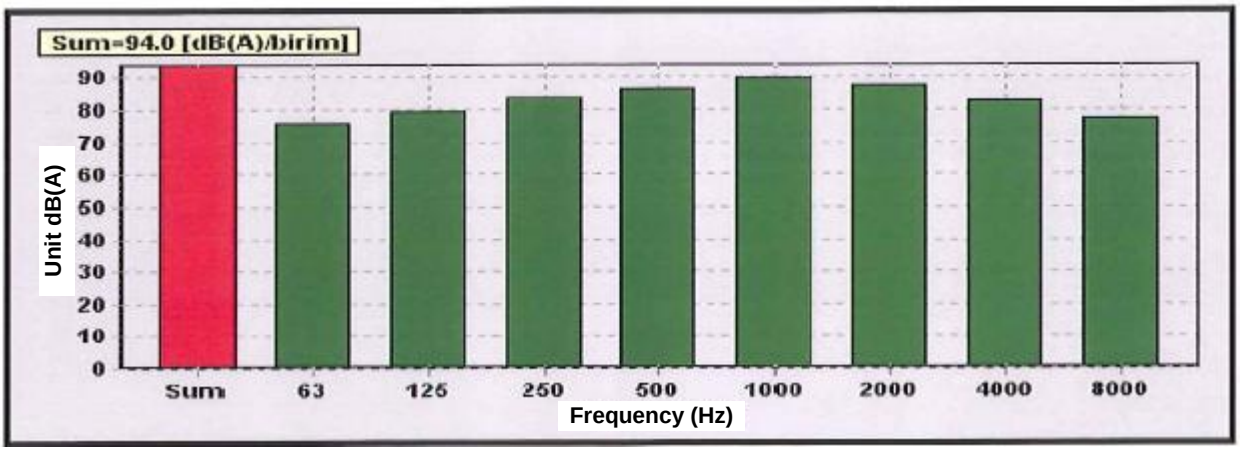


Figure D.2.1. Frequency Analysis of the Noise Level for the Trucks

Forklifts (forklift trucks, diesel, 50 kW, driving)

As calculated on SoundPlan Program 6.5, the total level of noise which would be generated by the forklift vehicles would be 106.8 dBA and its distribution by frequency is provided by Figure D.2.4.

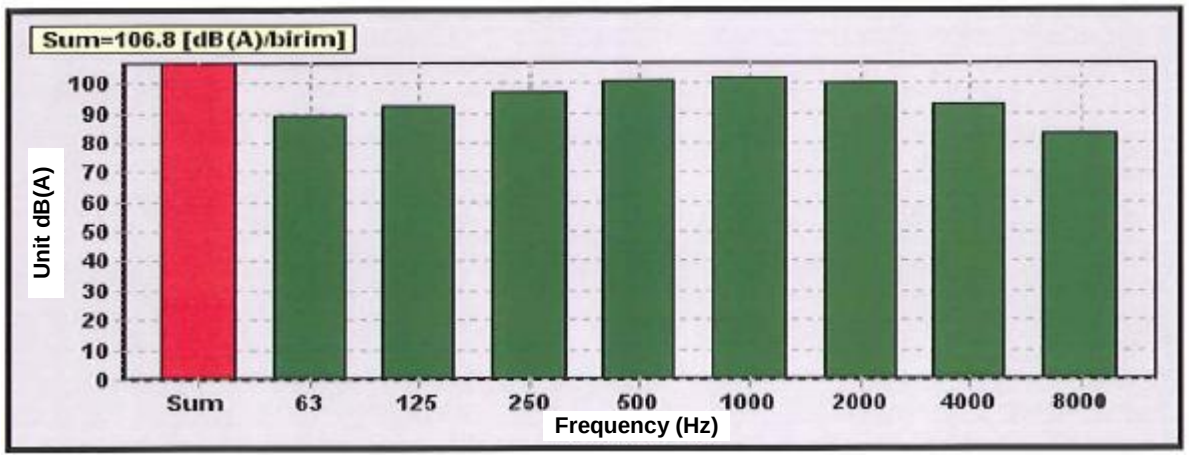


Figure D.2.4. Frequency Analysis of the Noise Level for the forklifts

As a first step, the model of the height of the natural ground directly affecting the noise distribution has been generated on the program. As the natural ground has been reflected in the program, the height contours which were present on a 1/25,000 scale topographic map and annotated at 10 m heights have been digitized.

After the heights have been digitized, temporary SZM (digital ground modeling) has been generated for the purpose of ensuring that the program would sense the digitized contours. After the operation of development of temporary SZM, the vehicles which would operate during the land preparation works have been defined on the program and placed inside the facility settlement area accordingly. Data have been inputted into the calculations made by assuming that all the vehicles would operate at the same time and same point during the land preparation works.

As a result of these studies, the area of calculation where the noise level would be calculated has been defined and accordingly, any noise levels arising of the vehicles which would operate inside this area have been calculated. The definition information (coordinates, height and noise level at different frequency intervals) about the vehicles which have been defined as the noise sources in the calculations made is provided below.

Table D.2.1. Information on the Noise Resources at the construction stage (Height, Coordinates and Noise Levels)

SOURCE	X	Y	Z	Lw	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz
Power Plant burning unit	535218.99	4417579	680	89.6	48.8	63.9	71.4	81.8	85
Power Plant turbine	535218.99	4417579	680	92	63.8	73.9	76.4	81.8	85
Truck 1	535268.41	4417776.4	680	94	75.6	79.6	83.6	86.6	89.6
Truck 2	535307.86	4417602.5	680	94	75.6	79.6	83.6	86.6	89.6
Truck 3	535384.21	4417465.5	680	94	75.6	79.6	83.6	86.6	89.6
Truck 4	535547.45	4417249.5	680	94	75.6	79.6	83.6	86.6	89.6
Truck 5	535289.56	4418034.5	680	94	75.6	79.6	83.6	86.6	89.6
Forklift 1	535276.36	4417947.6	680	106.8	89	92	97	101	102
Forklift 2	535294.72	4417700	680	106.8	89	92	97	101	102
Forklift 3	535344.72	4417541.9	680	106.8	89	92	97	101	102
Forklift 4	535452.67	4417386.5	680	106.8	89	92	97	101	102
Forklift 5	535513.22	4417310.1	680	106.8	89	92	97	101	102

The model inputs and settings for the program are provided below.

SoundPlan Program 6.5 Model Inputs and Program Settings (land preparation and construction stage)

Project explanation

Project title: ESER Natural Gas Combined Cycle Power Plant land preparation and construction stage works noise modeling
Engineer: Selahattin AYMAYA
Customer:
Explanation:

Series definition

Calculation: Grid map noise
Title: Operation
Series file: unnamed.runx
Result No: 1
Start of calculation: 7/29/2011 2:24:19 PM
End of calculation: 7/29/2011 2:26:16 PM
Calculation period [msn]: 01:03:563 [m:s:ms]
No of points: 420
No of points calculated: 420
Version of the calculation module: 4/30/2009

Series parameters

Angle increase step: 2.00 deg
Reflection depth: 1
Reflection No: 1
Maximum scanning diameter: 5000
Assessment: dB (A)
Calculation including lateral prevention:
Allow source lateral reflection preliminary calculation

Standards:

Industry:	ISO 9613 13-2: 1996	
Air absorption quality:	ISO 96 13	
Prevention loss limitation:		
	Single / multiple	20 dB / 25 dB
Environment:		
	Air pressure	929.8 mbar
	Relative humidity	% 77.5
	Temperature	12.5 0 C
	Meteorological correction CO (7-19h) [dB] = 0.0; CO (19-23h) [db] = 0.0; CO (23-7h) [dB] = 0.0	
VDI parameters for prevention		
	C1 = 3 C2 = 20	
Distinction parameters		
	Distance to the radius factor	2
	Minimum distance	1 m
	Maximum distance IGH + deviation	1 dB
	Maximum recurrence number	4
Assessment:	Lden (TR) – industry	

Grid map:

Grid interval:	300.00 m
Height from ground:	5.000 m
Grid interpolation:	
	Land area = 9 x 9
	Min / Max = 10.0 dB
	Difference = 0.1 dB
SZM ≠ has been used 0	

Geometric data

Calculation area.geo	7/29/2011 1:02:46 PM
Source (operation).geo	7/29/2011 2:22:54 PM
SZM.geo	7/29/2011 1:02:50 PM
New cog-file.geo	7/29/2011 11:29:10 PM
Layout location.geo	7/29/2011 1:03:48 PM
Project area geo	7/29/2011 1:03:48 PM

The map which has arisen as a result of the noise level calculation made inside the calculation area is provided below as follows.

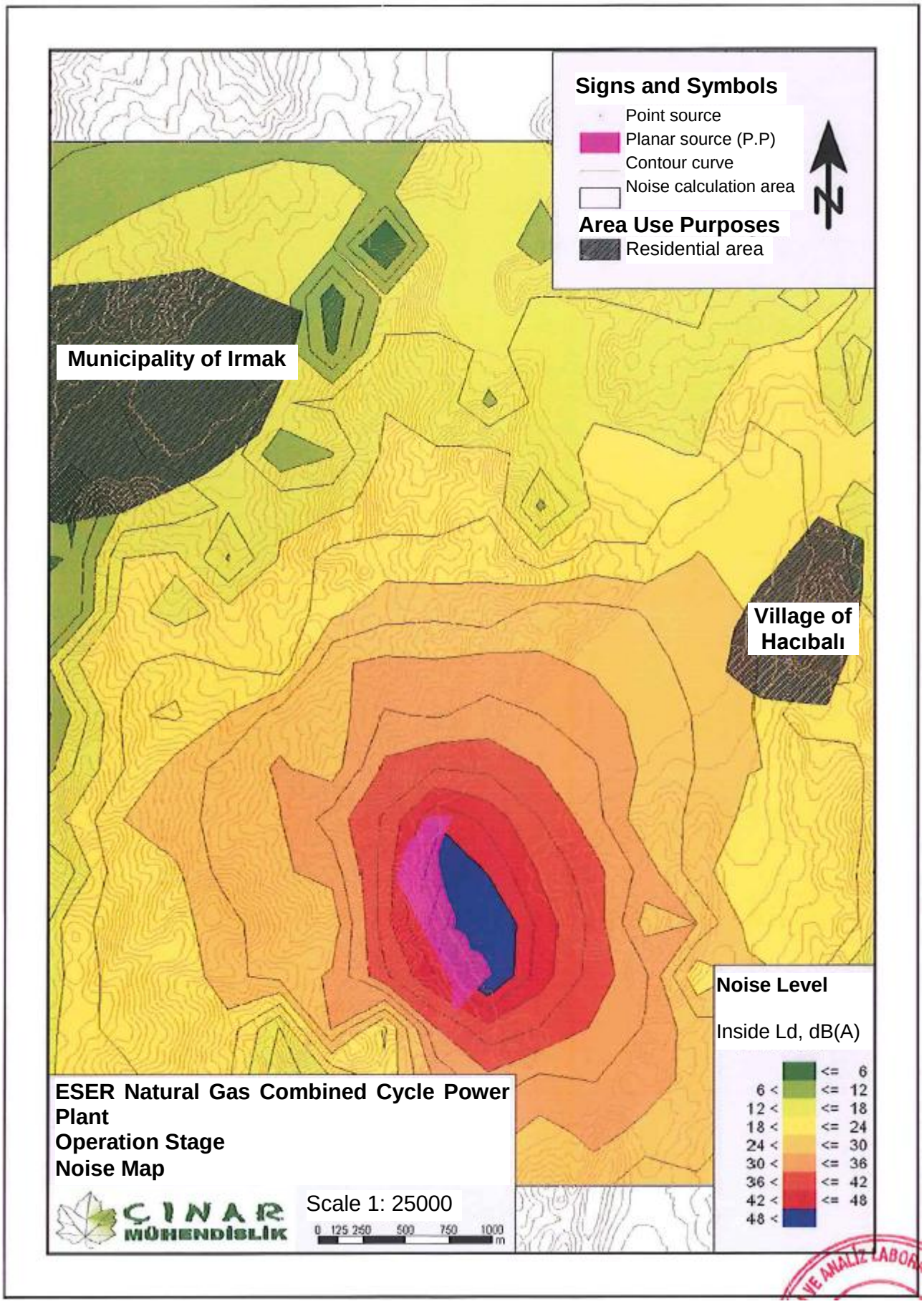


Figure D.2.5. Noise Map (operation stage)

As a result of the calculations made and as it will also be seen on the noise map provided above, the level of noise generated by the vehicles which would operate during the operation stage of the project would reach higher values in the zone of operation for the vehicles in particular. However, this value would fall even below 40 dBA at the nearest structure with respect to the noise level which would decrease due to the impact of both ground and distance.

The calculations carried out have been made on the basis of the assumption that the vehicles which would operate at the operation stage would operate at the same location at the same time. However, it would be out of the question for all the vehicles to operate simultaneously throughout the construction works and the vehicles would operate in a certain order. Therefore, it is expected that noise would generate at such lower levels than those involving the noise levels obtained by way of calculation during the actual operation stage of the project.

3. Assessment of the values obtained as a result of calculation subject to Article 22 of ÇGDY Regulation

According to the results of the assessment made subject to paragraph (a) of Article 22 of Regulation on the Assessment and Management of Environmental Noise, which has taken force upon promulgation in Official Gazette Issue No 26601 of 04.06.2010 depending on the area where the industrial facilities are located and time slices defined connection therewith, the environmental noise levels for the industrial facilities do not exceed the limit values in Table 4 in terms of Ldaytime, Levening and Lnight.

Table D.2.1. Environmental Noise Limit Values for the Industrial Facilities

Areas	**Ldaytime (dBA)**	**Levening (dBA)**	**Lnight (dBA)**
Areas where educational, cultural and health areas as well as summer and camping spots are concentrated as far as noise sensitive areas are concerned	60	55	50
Areas where houses are concentrated as far as such areas in which commercial structures and noise sensitive uses are jointly located	65	60	55
Areas where workplaces are concentrated as far as such areas in which commercial structures and noise sensitive uses are jointly located	68	73	58
For each facility inside an Organized Industrial Zone or Specialized Industrial Zone	70	65	60

The environmental noise level is within the “Areas where houses are concentrated as far as such areas in which commercial structures and noise sensitive uses are jointly located” as per Table 4 titled Environmental Noise Limit Values for the Industrial Facilities under Article 22 titled Environmental Noise Criteria for the Industrial Facilities in the Regulation on the Assessment and Management of Environmental Noise and accordingly, the environmental noise limit value has been determined at Ldaytime 65 dBA, Levening 60 dBA and Lnight 55 dBA. The noise level which would generate in the Village of Hacıbalı, the residential area nearest to the project area, would be about 40 dBA as it will be seen in Figure D.2.5 and is very low below Lnight limit value indicated by the Regulation. Therefore, there would be adverse impact on the residential areas.

In addition, the equipment and vehicles defined as the noise sources at the operation stage would operate in a certain order and it is very unlikely for them to operate at the same location and time altogether. However, because calculation has been made by taking as a basis the worst scenario as part of the noise calculations made, it has been assumed that all of them would simultaneously operate at the same location. Therefore, it would be expected that the noise levels which would actually develop would be at much lower levels than the noise levels calculated.

4. **Providing commitment that noise control permission would be obtained for such facilities subject to permission pursuant to the Acoustic Report within 6 months after the facility would commence operation**

The said planned natural gas combined cycle power plant is treated under Article 2.2.1 of the List in Annex 1 to the "Regulation on the Permissions and Licenses Required To Be Obtained as per the Environmental Law", which has taken force upon promulgation in the Official Gazette Issue No 27214 of 29.04.2009. Therefore, noise measurements shall be taken and environmental permission obtained accordingly under the environmental permission to be acquired upon the commencement of operation in the project.

5. **Providing commitment for taking measurements for assessment under Article 25 of ÇGDY Regulation in connection with environmental vibration after the facility would be put into information in case it would be located near very sensitive uses**

The planned project location is situated 2.5 km northwest of Municipality of Irmak and 2 km northeast of the Village of Hacıbalı and there are no sensitive areas of use near the project area. Therefore, no vibration would be expected to generate due to the fact that the subject residential areas and industrial plants are away from the project area.

E. INFORMATION ON THE CONTROL MEASURES

1. **Information on the control measures to be taken in case the environmental noise level calculated for the construction stage would exceed the limit values which are provided by ÇGDY Regulation**

It would be very difficult to take any noise reduction measures because the land preparation works under the project would be carried out outdoors. Noise would vary in the course of a day throughout the works but noise generation would be limited because works would be carried out during the day (07.00 – 19.00).

During works under the project, necessary measures shall be taken to minimize noise by having due consideration to the conditions which must be observed by road vehicles as prescribed by Article 9 of the subject regulation as well as the requirements to be met in respect of equipment used outdoors as prescribed by Article 13 therein.

In addition, the issues laid down by Article 23, "Noise Criteria for the Job Site Areas" incorporated into Part Four of the Regulation on the Assessment and Management of Environmental Noise with respect to the issue of noise which would generate at the construction stage in the project area and accordingly, only such vehicles on which traffic inspection, exhaust measurements and maintenance have been carried out duly and properly shall be strictly operated.

2. **Provision by the operator of a commitment for introduction of control measures required to be taken in case of failure to meet the limit values by having due regard to the environmental noise and vibration measurements after a facility subject to permission would be put into operation**

Farcan Enerji Üretim Aş (Farcan Energy Generation Corp.) shall ensure introduction of noise reduction measures in case the noise and vibration measurements to be taken at the structure nearest to the project area after the planned project would commence operation would prove higher than the limit values indicated by ÇGDY Regulation.

ANNEXES

1. Noise Measurement Report

2. Views of the Measurement Works

ANNEX 1

Noise Measurement Report

ÇINAR
ÇEVRE LABORATUVARI

T.C.
Çevre ve Orman
Bakanlığı

TÜRKAK
Test
TS EN ISO/IEC 17025
AB-0038-T

turklab
Kalibrasyon ve Deney Laboratuvarları Derneği

ESER DESIGN AND ENGINEERING CORP.

KIRIKKALE NATURAL GAS COMBINED CYCLE POWER PLANT

NOISE MEASUREMENT REPORT

JUNE 2011
KIRIKKALE

(Ministry of Environment and Forestry, Republic of Turkey) T.C. Çevre ve Orman Bakanlığı **Y-06/031/2008**	**ÇINAR ENVIRONMENTAL LABORATORY** **ÇINAR ENGINEERING, CONSULTANCY & DESIGN SERVICES CO. LTD.** **ÇINAR ENVIRONMENTAL MEASUREMENT AND ANALYSIS LABORATORY**	(TURKAK Turkish Accreditation Agency) TÜRKAK Test TS EN ISO/IEC 17025 AB-0038-T
17-05-04/10-02-10	Huzur Mahallesi 1138 No: 6/1 06460 Öveçler – ANKARA **Tel.:** 0 312 472 77 97 **Fax:** 0 312 472 54 53 **Office GSM:** 0 533 280 06 49 **Web:** www.cinarlab.com.tr **Mail:** lab@cinarlab.com.tr	AB-0038-T
RP.03 / Rev. 06		Report No: 1209/11
Page 1/10	**Test Report 1209/11**	Report Date 23.07.2011
ÇINAR Laboratory is accredited by Turkish Accreditation Agency and have been certified by Ministry of Environment and Forestry "Environmental Analysis Competency Certificate"		

Customer Name & Address	ESER PROJE VE MÜHENDİSLİK AŞ (ESER DESIGN AND ENGINEERING CORP.) Turan Güneş Bulvarı Cezayir Caddesi 718. Sokak No: 14 Yıldız, 06550 Çankaya / Ankara
Name and Sampling Date of the Sample	29.06.2011
Name and Number of the Project	763/11
Remarks	Environmental noise measurements have been taken at 4 points around the area of ESER Natural Gas Combined Cycle Power Plant to be built in the Province of Kırıkkale. The measurement results and measurement points are hereby provided as part of the report.
Date of the Test	-
Number of the pages of the report	10

The test and / or measurements results, the uncertainties with confidence probability and test methods are given on the following pages which are part of this report.

Officer in Charge of the Test	Report Prepared By	Report Approved By
Hakan BÜYÜKLÜOĞLU (Signed) Environmental Engineer	**Selahattin AYMAYA** (Signed) Chemist	**Hakan BÜYÜKLÜOĞLU** (Signed) Environmental Engineer

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A. MEASUREMENT METHODS USED, STANDARDS AND CALIBRATION CERTIFICATES OF THE DEVICES

SVAN 949-2 Digital Type Noise Measurement Device

Type 1 noise (sound level) measurement device is solely intended for field use at such locations where laboratory use and acoustic environment are entirely predictable and / or controllable.

Type 1 noise measurement device may be used for several different applications such as measurement of industrial noise which may cause damages on the sense of hearing or be of such a disturbing nature, measurement of urban noise which is either disturbing or contravene to the laws and measurement of average sound pressure levels around a noisy product or any other sound source.

The device automatically saves any measurements taken on its memory.

The device calibration certificates are provided in Annex 1 hereto.

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B. MEASUREMENT RESULTS:

- **The assessments in connection with the results of the noise measurement taken during the daytime are provided below.**

PROJECT NAME AND NUMBER ESER Natural Gas Combined Cycle Power Plant – 763/11					
SAMPLING PLACE: Noise Measurements in the Project Site and Its Environs – Point 1					
MEASUREMENT DATE			**GPS COORDINATES**		
			EASTING	**NORTHING**	
29.06.2011			535237	4418102	
MEASUREMENT INFO					
No	**Start**	**End**	**Max**	**Min**	**Leq**
1	10:28	10:36	72.3	45.3	51.9

The measurement results are provided in terms of dB (A).
Measurement uncertainty: +/- 0.48 %

PROJECT NAME AND NUMBER ESER Natural Gas Combined Cycle Power Plant – 763/11					
SAMPLING PLACE: Noise Measurements in the Project Site and Its Environs – Point 2					
MEASUREMENT DATE			**GPS COORDINATES**		
			EASTING	**NORTHING**	
29.06.2011			535393	4417134	
MEASUREMENT INFO					
No	**Start**	**End**	**Max**	**Min**	**Leq**
1	10:42	10:50	84.7	47.5	58.6

The measurement results are provided in terms of dB (A).
Measurement uncertainty: +/- 0.48 %

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PROJECT NAME AND NUMBER
ESER Natural Gas Combined Cycle Power Plant – 763/11

SAMPLING PLACE: Noise Measurements in the Project Site and Its Environs – Point 3

MEASUREMENT DATE	GPS COORDINATES	
	EASTING	NORTHING
29.06.2011	536351	4419520

MEASUREMENT INFO

No	Start	End	Max	Min	Leq
1	12:02	12:10	88.4	31.7	63.9

The measurement results are provided in terms of dB (A).
Measurement uncertainty: +/- 0.48 %

PROJECT NAME AND NUMBER
ESER Natural Gas Combined Cycle Power Plant – 763/11

SAMPLING PLACE: Noise Measurements in the Project Site and Its Environs – Point 4

MEASUREMENT DATE	GPS COORDINATES	
	EASTING	NORTHING
29.06.2011	537155	4419154

MEASUREMENT INFO

No	Start	End	Max	Min	Leq
1	13:17	13:25	70.1	28.8	43.9

The measurement results are provided in terms of dB (A).
Measurement uncertainty: +/- 0.48 %

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- **The assessments in connection with the results of the noise measurement taken in the evening are provided below.**

PROJECT NAME AND NUMBER ESER Natural Gas Combined Cycle Power Plant – 763/11					
SAMPLING PLACE: Noise Measurements in the Project Site and Its Environs – Point 1					
MEASUREMENT DATE			**GPS COORDINATES**		
			EASTING	**NORTHING**	
29.06.2011			535237	4418102	
MEASUREMENT INFO					
No	**Start**	**End**	**Max**	**Min**	**Leq**
1	19:12	19:20	82.8	24.4	59.0

- The measurement results are provided in terms of dB (A).
- Measurement uncertainty: +/- 0.48 %

PROJECT NAME AND NUMBER ESER Natural Gas Combined Cycle Power Plant – 763/11					
SAMPLING PLACE: Noise Measurements in the Project Site and Its Environs – Point 2					
MEASUREMENT DATE			**GPS COORDINATES**		
			EASTING	**NORTHING**	
29.06.2011			535393	4417134	
MEASUREMENT INFO					
No	**Start**	**End**	**Max**	**Min**	**Leq**
1	19:33	19:41	77.5	23.6	50.30

- The measurement results are provided in terms of dB (A).
- Measurement uncertainty: +/- 0.48 %

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PROJECT NAME AND NUMBER
ESER Natural Gas Combined Cycle Power Plant – 763/11

SAMPLING PLACE: Noise Measurements in the Project Site and Its Environs – Point 3

MEASUREMENT DATE	GPS COORDINATES	
	EASTING	NORTHING
29.06.2011	536351	4419520

MEASUREMENT INFO

No	Start	End	Max	Min	Leq
1	19:43	19:51	81.0	16.5	48.3

- The measurement results are provided in terms of dB (A).
- Measurement uncertainty: +/- 0.48 %

PROJECT NAME AND NUMBER
ESER Natural Gas Combined Cycle Power Plant – 763/11

SAMPLING PLACE: Noise Measurements in the Project Site and Its Environs – Point 4

MEASUREMENT DATE	GPS COORDINATES	
	EASTING	NORTHING
29.06.2011	537155	4419154

MEASUREMENT INFO

No	Start	End	Max	Min	Leq
1	20:51	20:59	76.6	32.1	41.9

- The measurement results are provided in terms of dB (A).
- Measurement uncertainty: +/- 0.48 %

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- **The assessments in connection with the results of the noise measurement taken in the night are provided below.**

PROJECT NAME AND NUMBER ESER Natural Gas Combined Cycle Power Plant – 763/11					
SAMPLING PLACE: Noise Measurements in the Project Site and Its Environs – Point 1					
MEASUREMENT DATE			**GPS COORDINATES**		
			EASTING	**NORTHING**	
29.06.2011			535237	4418102	
MEASUREMENT INFO					
No	**Start**	**End**	**Max**	**Min**	**Leq**
1	23:13	23:21	74.8	31.8	40.6

- The measurement results are provided in terms of dB (A).
- Measurement uncertainty: +/- 0.48 %

PROJECT NAME AND NUMBER ESER Natural Gas Combined Cycle Power Plant – 763/11					
SAMPLING PLACE: Noise Measurements in the Project Site and Its Environs – Point 2					
MEASUREMENT DATE			**GPS COORDINATES**		
			EASTING	**NORTHING**	
29.06.2011			535393	4417134	
MEASUREMENT INFO					
No	**Start**	**End**	**Max**	**Min**	**Leq**
1	23:25	23:33	37.7	31.9	34.8

- The measurement results are provided in terms of dB (A).
- Measurement uncertainty: +/- 0.48 %

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PROJECT NAME AND NUMBER ESER Natural Gas Combined Cycle Power Plant – 763/11					
SAMPLING PLACE: Noise Measurements in the Project Site and Its Environs – Point 3					
MEASUREMENT DATE			**GPS COORDINATES**		
			EASTING	**NORTHING**	
29.06.2011			536351	4419520	
MEASUREMENT INFO					
No	**Start**	**End**	**Max**	**Min**	**Leq**
1	23:34	23:42	80.5	32.3	46.3

- The measurement results are provided in terms of dB (A).
- Measurement uncertainty: +/- 0.48 %

PROJECT NAME AND NUMBER ESER Natural Gas Combined Cycle Power Plant – 763/11					
SAMPLING PLACE: Noise Measurements in the Project Site and Its Environs – Point 4					
MEASUREMENT DATE			**GPS COORDINATES**		
			EASTING	**NORTHING**	
29.06.2011			537155	4419154	
MEASUREMENT INFO					
No	**Start**	**End**	**Max**	**Min**	**Leq**
1	23:52	00:00	83.3	32.3	50.0

- The measurement results are provided in terms of dB (A).
- Measurement uncertainty: +/- 0.48 %

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C. MEASUREMENT UNITS:

dBA: It refers to a sound level measure laying more emphasis on the medium and high frequencies to which the human hearing system is highly sensitive (dBA, which is expressed as the sound level with weight A, is commonly used in the assessment and control of noise effects).

Equivalent noise level (Leq): It refers to the stable level, which is the equivalent of noise displaying variable levels with a certain period in terms of energy (it is generally measured as A weighted sound level).

Lmax: It refers to the biggest value of A weighted sound level within the measurement period (it is measured in terms of dBA).

Lmin: It refers to the lowest value of A weighted sound level within the measurement period (it is measured in terms of dBA).

Laverage: It refers to the average value of A weighted sound levels within the measurement period (it is measured in terms of dBA).

D. ANNEXES

1. Device Maintenance and Calibration Certificate

2. Laboratory Qualification Certificate

3. Acoustic Competency Experience

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Opinion and comments:

Quality Approval

Seal (Seal)

Signature (Signed)

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ANNEX 1

Device Maintenance and Calibration Certificate

CALIBRATION MEASUREMENT TRAINING AND CONSULTANCY SERVICES TRADE CO. LTD.

PROTOS
05/2009
12-09

Mehmet Akif Mh. Tavukçuyolu Cd. No: 15/1 Ümraniye ISTANBUL
Telephone: 0216 415 4949 (Pbx) Fax: 0216 415 4950
e-mail: info@protos.com.tr Internet: www.protos.com.tr

Calibration Certificate

Customer / Address	**Çınar Environmental Measurement and Analysis Laboratory** Huzur Mahallesi 1. Cad. 53. Sk. Çınar Apt. No: 6/1 Öveçler – ANKARA
Order No	**5/2009**
Instrument / Device	**Sound Level Measurement Analyzer**
Manufacturer	**Svantek**
Type	**Svan 949**
Serial No	**9750**
Date of Calibration	**28.12.2009**
Number of the pages of the certificate	**5**

This calibration certificate documents the traceability to national standards which realize the unit of measurement according to the International System of Units (SI).

The measurements, the uncertainties with confidence probability and calibration methods are given on the following pages which are part of this certificate.

Seal	Date	Calibrated By	Head of Calibration Laboratory
(Seal)	30.12.2009	(Signed)	(Signed)
		Erdem Y ldız	Murat KUŞLU

ANNEX 2

Laboratory Qualification Certificate

Republic of Turkey
Ministry of Environment and Forestry
Environmental Management General Directorate

ENVIRONMENTAL MEASUREMENT AND ANALYSES QUALIFICATION CERTIFICATE

Certificate No: Y-06/031/2008

Scope: Water, Waste Water, Sea Water, Waste (Hazardous Waste, Treatment Sludge, Solid Waste), Water Sampling, Stack Gas Emission, Immission (Environmental Air), Noise, Vibration

Date of Issue: 15.12.2008

Title of the Entity: ÇINAR Mühendislik Müşavirlik ve Proje Hiz. Ltd. Şti (ÇINAR Engineering, Consultancy and Design Services Co. Ltd) Çınar Environmental Measurement and Analysis Laboratory

Address: Çınar Apt. No: 6/3 06460 Öveçler / ANKARA

The above-identified entity having the full title and address as above is authorized to conduct measurements and / or analyses and draw up reports connection therewith subject to the scope indicated by the List annexed hereto between the dates specified below as per Law No 4856 on the Organization and Duties of the Ministry of Environment and Forestry and the Regulation on the Qualification of Environmental Measurement and Analysis Laboratories published in Official Gazette Issue No 26988 of 05.09.2009.

OF THE QUALIFICATION PROCESS:

DATE OF START: 15/12/2008
DATE OF END: 15/12/2012

Dr. Mustafa ŞAHİN
For the Minister
General Director
(Signature and Seal)

ANNEX: LIST OF PARAMETERS (7 pages)

Date / No of Revision: 15.10.2010/02
Date / No of Renewal: 15.10.2009/01

Republic of Turkey
Ministry of Environment and Forestry
Environmental Management General Directorate

ENVIRONMENTAL MEASUREMENT AND ANALYSES QUALIFICATION CERTIFICATE
LIST ANNEXED 6/7

Certificate No: Y-06/031/2008
Date of Issue: 15.12.2008

Annexed List
Date of Start: 15.12.2008
Date of End: 15.12.2012
Date / No of Revision: 15.10.2010 / 03
Name of the Laboratory: ÇINAR Engineering, Consultancy and Design Services Co. Ltd., Çınar Environmental Measurement and Analysis Laboratory

IN CONNECTION WITH MEASUREMENT AND / OR ANALYSIS:

Area of Measurement	Parameter	Name of the method	Name of the Standard
Noise and Vibration Measurements	Determination and measurement of noise	• Acoustic: Determination – engineering method of sound levels for assessment of peripheral sound pressure levels in the industrial facilities having multiple noise sources.	• TS ISO 8297: 2006
		• Acoustic: Decrease in sound as it diffuses externally – Part 1: Calculation of Sorption of sound by the atmosphere	• TS ISO 9613-1: 2006
		• Acoustic: Decrease in sound as it diffuses externally – Part 2: General calculation method	• TS ISO 9613-2: 2006
		• Acoustic: Determination of the sound levels of noise sources through use of sound pressure. Engineering method applied within a free area along a reflection plane basically	• TS EN ISO 3741: 1997
		• Acoustic: Determination of the Sound Output Levels of the Noise Sources Through Use of Sound Pressure. Method of survey conducted through use of surrounding measurement surface along a reflection plane.	• TS 8958 EN ISO 3746: 1999
		• Acoustic: definition, measurement and assessment of peripheral noise. Part 1: Basic Measures and Assessment Operations	• TS 9315 ISO 1996-1 2005
		• Acoustic: definition, measurement and assessment of peripheral noise. Section 2: Acquisition of data on noises occurring in land use	• TS ISO 1996-2 2009
	Vibration Measurements	• Mining: Air shock and ground vibration measurement • Mechanical vibration and shock: vibration of buildings: Guidelines for measurement of vibration in buildings and assessment of effects on buildings	• TS 10354 1992 • TS ISO 4866 2006

Dr. Mustafa ŞAHİN
For the Minister
General Director
(Signature and Seal)

[1] As per the Regulation on the Assessment and Management of Environmental Noise published in Official Gazette Issue No 26809 of 07.03.2008.

ANNEX 3

Acoustic Competency Experience

BAHÇEŞEHİR UNIVERSITY

This is to certify that **Mr. Selahattin AYMAYA** is qualified to receive this certificate upon his success in the examination held following his participation in the certificate training program, “Type B-1 Industrial Noise Reporting / Mapping” organized by the Technology Development Unit of Bahçeşehir University in cooperation with the Ministry of Environment and Forestry, Republic of Turkey and Bahçeşehir University between October 18 – 22, 2010.

(Signed)
Prof. Dr. Yılmaz Esmer
Rector of Bahçeşehir University

(Signed)
Çınar Deniz Kurra
Director of the Technology Development Unit

butech

BAHÇEŞEHİR UNIVERSITY

This is to certify that **Mr. Hakan BÜYÜKLÜOĞLU** is qualified to receive this certificate upon his success in the examination held following his participation in the certificate training program, “Type B-1 Industrial Noise Reporting / Mapping” organized by the Technology Development Unit of Bahçeşehir University in cooperation with the Ministry of Environment and Forestry, Republic of Turkey and Bahçeşehir University between October 18 – 22, 2010.

(Signed)
Prof. Dr. Yılmaz Esmer
Rector of Bahçeşehir University

(Signed)
Çınar Deniz Kurra
Director of the Technology Development Unit

butech

ANNEX 2

Views of the Noise Measurement Works



Picture 1: Noise Measurement Point No 1



Picture 2: Noise Measurement Point No 2



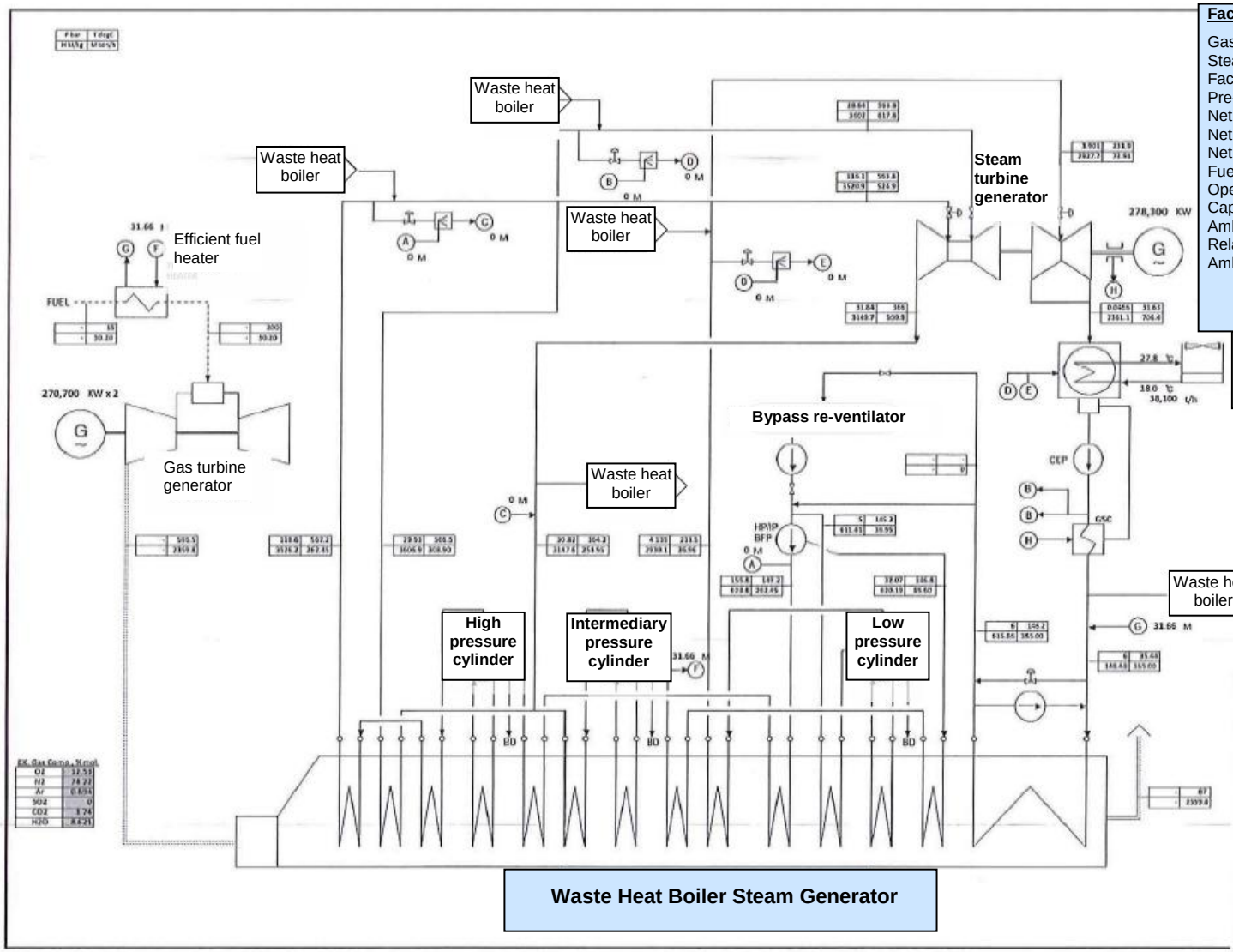
Picture 3: Noise Measurement Point No 3



Picture 4: Noise Measurement Point No 4

ANNEX – 18

Thermal Balance Diagram



Facility performance data

Gas turbine gross output kW	: 270,700
Steam turbine gross output kW	: 278,300
Facility gross output	: 819,700
Pre-heating boiler power consumption	: 15,760
Net facility output	: 803,940
Net facility thermal ratio	: 8,163
Net facility efficiency	: 58.67 %
Fuel lower calorific value, KJ / KG	: 49,136
Operation unit	: 2GT + 2HRSG + 1BT
Capacity, %	: 100
Ambient temperature ^{o}C	: 17
Relative humidity %	: 64
Ambient temperature, bar	: 0.9343

Note: Performance conditional upon new and clean conditions.

Contractor:

Farcan Energy Generation Corp.

Project: **ESER Natural Gas Combined Cycle Power Plant**

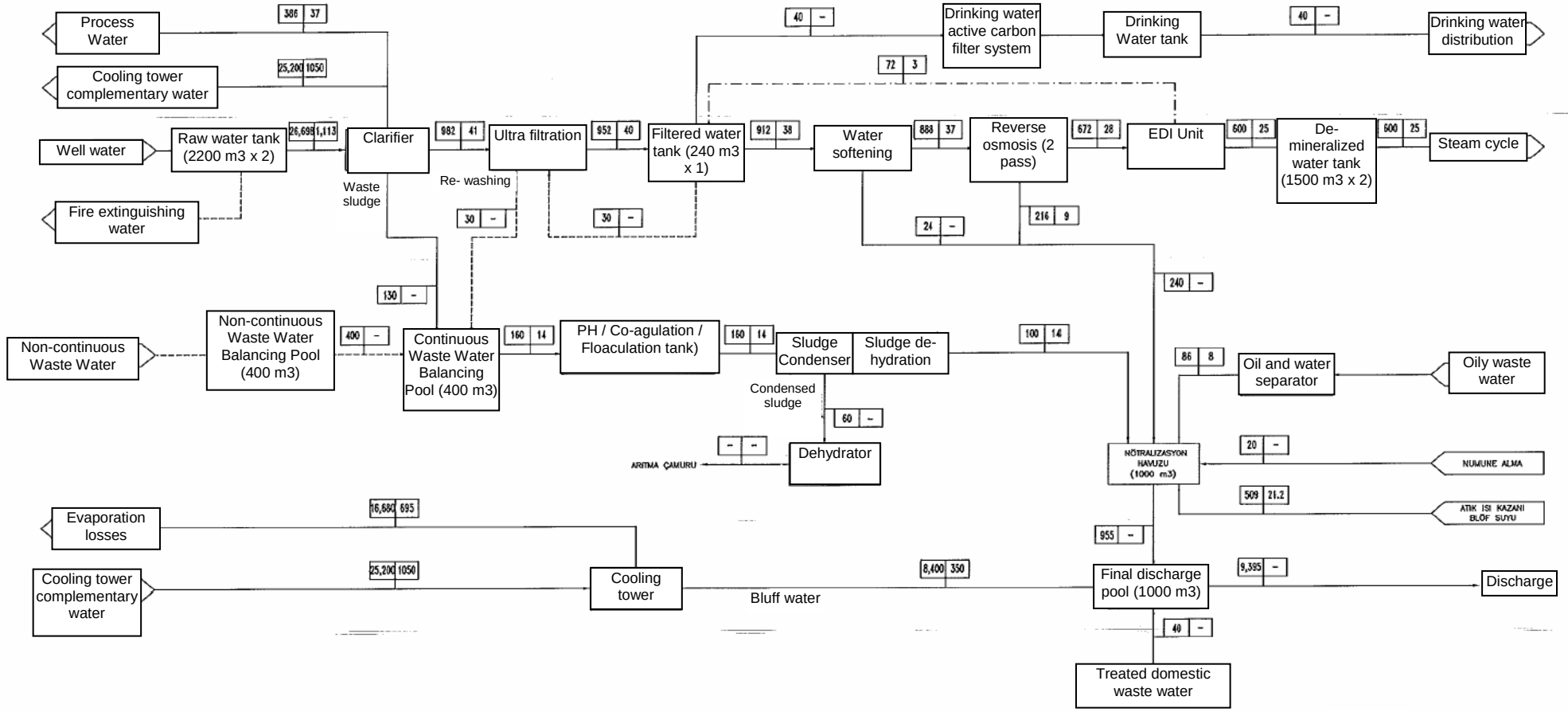
THERMAL BALANCE DIAGRAM

ANNEX – 19

Hydraulic Mass Balance Diagram

HYDRAULIC MASS BALANCE DIAGRAM

* Note:
Consumption (1153 m3) of Fire Extinguishing Water also includes Raw Water Tank capacity.



Symbols & Legends

1. Q m³/gün Q m³/sa
2. _____ continuous
3. ---------- non-continuous
4. __.___.___ Re-supply

Contractor: Farcan Energy Generation Corp.

Project: ESER Natural Gas Combined Cycle Power Plant

Hydraulic Mass Balance Diagram

ANNEX – 20

Air Quality Modeling Work Input and Raw Output Files

```
** BREEZE AERMOD
** Trinity Consultants
** VERSION  7.2

CO STARTING
CO TITLEONE  NO TITLE SPECIFIED
CO MODELOPT  DDEP  DFAULT  CONC
CO RUNORNOT  RUN
CO AVERTIME  24  ANNUAL
CO POLLUTID  PM10
CO FINISHED

SO STARTING
SO ELEVUNIT  METERS
SO LOCATION  AREA      AREA      534881.11  4418034.32  710
SO SRCPARAM  AREA      6.04E-06  1.5  1127  382  73  1.5
SO PARTDIAM  AREA      2.5  5  10  15  20
SO MASSFRAX  AREA      0.45  0.32  0.07  0.05  0.11
SO PARTDENS  AREA      1  1  1  1  1
SO SRCGROUP  ESER  AREA
SO FINISHED

RE STARTING
RE ELEVUNIT  METERS
RE GRIDCART CALISMA STA
RE GRIDCART CALISMA XYINC  528000  31  500  4410000  31  500
RE GRIDCART CALISMA ELEV  1  813  937  963  1067  1033  940  902  853
830  838
RE GRIDCART CALISMA ELEV  1  902  933  884  863  855  815  777  756  719
 761
RE GRIDCART CALISMA ELEV  1  736  734  705  680  677  679  710  745  738
 732
```

```
RE GRIDCART CALISMA ELEV  1  710
RE GRIDCART CALISMA ELEV  2  765  818  872  970  953  951  920  863  822
 855
RE GRIDCART CALISMA ELEV  2  835  877  909  840  817  802  768  772  717
 693
RE GRIDCART CALISMA ELEV  2  697  683  680  680  685  697  703  742  753
 740
RE GRIDCART CALISMA ELEV  2  727
RE GRIDCART CALISMA ELEV  3  868  793  857  887  877  954  908  881  874
 799
RE GRIDCART CALISMA ELEV  3  802  808  867  856  791  858  767  795  688
 676
RE GRIDCART CALISMA ELEV  3  680  687  708  706  737  740  741  732  775
 753
RE GRIDCART CALISMA ELEV  3  745
RE GRIDCART CALISMA ELEV  4  909  790  778  785  863  940  937  921  871
 818
RE GRIDCART CALISMA ELEV  4  801  765  794  833  776  730  747  717  670
 681
RE GRIDCART CALISMA ELEV  4  694  704  718  718  735  775  792  746  779
 766
RE GRIDCART CALISMA ELEV  4  754
RE GRIDCART CALISMA ELEV  5  928  806  800  749  818  922  978  969  929
 855
RE GRIDCART CALISMA ELEV  5  806  770  742  728  728  710  744  674  689
 701
RE GRIDCART CALISMA ELEV  5  713  716  728  742  751  771  779  752  774
 779
RE GRIDCART CALISMA ELEV  5  773
RE GRIDCART CALISMA ELEV  6  947  852  852  750  766  861  923  981  905
 857
RE GRIDCART CALISMA ELEV  6  817  790  780  750  740  703  683  677  708
```

```
 722
RE GRIDCART CALISMA ELEV  6  751  748  738  750  743  791  792  774  781
 798
RE GRIDCART CALISMA ELEV  6  797
RE GRIDCART CALISMA ELEV  7  906  920  869  828  742  811  928  959  939
 912
RE GRIDCART CALISMA ELEV  7  852  823  806  742  722  692  875  696  769
 756
RE GRIDCART CALISMA ELEV  7  779  780  763  763  764  773  780  799  812
 824
RE GRIDCART CALISMA ELEV  7  835
RE GRIDCART CALISMA ELEV  8  905  897  849  823  736  764  846  899
1007  977
RE GRIDCART CALISMA ELEV  8  921  874  780  726  706  677  681  741  771
 798
RE GRIDCART CALISMA ELEV  8  765  766  770  778  778  790  806  820  851
 853
RE GRIDCART CALISMA ELEV  8  883
RE GRIDCART CALISMA ELEV  9  875  953  879  797  754  745  806  872  972
 976
RE GRIDCART CALISMA ELEV  9  900  871  778  764  694  671  713  742  777
 802
RE GRIDCART CALISMA ELEV  9  759  762  779  788  799  796  846  856  896
 892
RE GRIDCART CALISMA ELEV  9  916
RE GRIDCART CALISMA ELEV  10  830  892  883  843  745  736  797  893
961  941
RE GRIDCART CALISMA ELEV  10  868  797  766  767  701  668  690  704
716  733
RE GRIDCART CALISMA ELEV  10  750  789  799  816  849  825  840  934
947  931
RE GRIDCART CALISMA ELEV  10  978
```

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RE GRIDCART CALISMA ELEV  11  842  803  800  782  762  724  801  859
951  1001
RE GRIDCART CALISMA ELEV  11  900  811  769  740  696  669  685  709
722  746
RE GRIDCART CALISMA ELEV  11  765  800  835  880  871  857  845  893
945  981
RE GRIDCART CALISMA ELEV  11  1001
RE GRIDCART CALISMA ELEV  12  793  854  789  779  742  726  810  902
981  1013
RE GRIDCART CALISMA ELEV  12  945  847  749  712  673  667  731  712
762  774
RE GRIDCART CALISMA ELEV  12  783  856  934  920  909  919  868  889
1000  1038
RE GRIDCART CALISMA ELEV  12  1054
RE GRIDCART CALISMA ELEV  13  776  786  784  781  763  719  774  880
958  1014
RE GRIDCART CALISMA ELEV  13  918  855  774  688  666  712  724  713
759  799
RE GRIDCART CALISMA ELEV  13  823  847  940  937  982  966  919  943
919  1047
RE GRIDCART CALISMA ELEV  13  1084
RE GRIDCART CALISMA ELEV  14  767  752  751  746  732  716  803  870
950  1000
RE GRIDCART CALISMA ELEV  14  1008  934  815  733  685  665  676  701
753  816
RE GRIDCART CALISMA ELEV  14  839  915  986  981  1047  975  998  987
951  968
RE GRIDCART CALISMA ELEV  14  997
RE GRIDCART CALISMA ELEV  15  771  752  740  729  717  711  807  902
897  960
RE GRIDCART CALISMA ELEV  15  1014  961  815  822  758  672  667  691
745  801
```

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RE GRIDCART CALISMA ELEV  15  804  878  854  915  1009  999  1047  967
1027
RE GRIDCART CALISMA ELEV  15  968  999
RE GRIDCART CALISMA ELEV  16  755  739  731  723  709  707  774  814
903  929
RE GRIDCART CALISMA ELEV  16  980  930  894  816  739  665  704  730
728  761
RE GRIDCART CALISMA ELEV  16  782  857  810  845  905  933  973  1023
1022
RE GRIDCART CALISMA ELEV  16  1017  984
RE GRIDCART CALISMA ELEV  17  772  743  729  717  709  704  729  799
862  891
RE GRIDCART CALISMA ELEV  17  946  914  812  758  697  663  694  732
706  751
RE GRIDCART CALISMA ELEV  17  759  799  789  840  876  890  930  1022
1048
RE GRIDCART CALISMA ELEV  17  1069  1051
RE GRIDCART CALISMA ELEV  18  771  744  725  724  712  703  700  843
872  834
RE GRIDCART CALISMA ELEV  18  859  866  829  757  732  689  667  674
694  730
RE GRIDCART CALISMA ELEV  18  766  780  787  828  846  867  896  971
1096  1068
RE GRIDCART CALISMA ELEV  18  1110
RE GRIDCART CALISMA ELEV  19  770  737  730  719  717  711  699  724
804  764
RE GRIDCART CALISMA ELEV  19  845  829  770  816  786  749  668  670
685  740
RE GRIDCART CALISMA ELEV  19  789  803  801  821  832  843  857  918
1025  1048
RE GRIDCART CALISMA ELEV  19  1060
RE GRIDCART CALISMA ELEV  20  776  741  733  727  735  733  702  701
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695  704
RE GRIDCART CALISMA ELEV  20  743  780  733  783  801  809  721  673
679  713
RE GRIDCART CALISMA ELEV  20  788  778  783  817  808  826  873  982
959  958
RE GRIDCART CALISMA ELEV  20  985
RE GRIDCART CALISMA ELEV  21  771  739  738  742  753  760  729  725
780  730
RE GRIDCART CALISMA ELEV  21  687  708  697  774  762  772  682  666
686  689
RE GRIDCART CALISMA ELEV  21  735  741  766  791  786  818  855  936
1074  1024
RE GRIDCART CALISMA ELEV  21  1042
RE GRIDCART CALISMA ELEV  22  754  745  747  753  767  806  757  736
796  808
RE GRIDCART CALISMA ELEV  22  725  682  675  735  779  701  663  679
700  712
RE GRIDCART CALISMA ELEV  22  711  732  765  757  772  802  840  932
1047  1080
RE GRIDCART CALISMA ELEV  22  1086
RE GRIDCART CALISMA ELEV  23  755  759  762  767  777  807  774  752
828  776
RE GRIDCART CALISMA ELEV  23  725  714  672  694  762  661  674  717
712  705
RE GRIDCART CALISMA ELEV  23  711  740  747  746  761  780  809  876
976  1068
RE GRIDCART CALISMA ELEV  23  1124
RE GRIDCART CALISMA ELEV  24  763  775  785  790  794  848  799  778
829  833
RE GRIDCART CALISMA ELEV  24  768  734  694  677  665  662  735  764
751  729
RE GRIDCART CALISMA ELEV  24  726  720  728  735  742  750  780  816
```

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865  907
RE GRIDCART CALISMA ELEV  24  1051
RE GRIDCART CALISMA ELEV  25  794  789  812  817  810  877  832  815
811  869
RE GRIDCART CALISMA ELEV  25  794  731  739  697  696  659  725  738
772  744
RE GRIDCART CALISMA ELEV  25  751  740  767  767  762  765  774  772
822  872
RE GRIDCART CALISMA ELEV  25  989
RE GRIDCART CALISMA ELEV  26  813  813  843  847  827  904  893  884
845  863
RE GRIDCART CALISMA ELEV  26  822  783  782  726  685  667  670  686
723  753
RE GRIDCART CALISMA ELEV  26  777  775  776  792  789  784  800  793
793  825
RE GRIDCART CALISMA ELEV  26  777
RE GRIDCART CALISMA ELEV  27  847  848  862  880  845  925  970  959
883  884
RE GRIDCART CALISMA ELEV  27  860  827  757  736  700  710  657  656
682  739
RE GRIDCART CALISMA ELEV  27  833  820  815  812  826  814  810  817
811  805
RE GRIDCART CALISMA ELEV  27  845
RE GRIDCART CALISMA ELEV  28  918  927  907  907  864  945  1016  983
943  913
RE GRIDCART CALISMA ELEV  28  903  833  756  753  712  736  721  662
663  729
RE GRIDCART CALISMA ELEV  28  838  881  826  817  861  860  845  843
846  859
RE GRIDCART CALISMA ELEV  28  823
RE GRIDCART CALISMA ELEV  29  970  998  952  928  895  952  1031  1037
991  936
```

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RE GRIDCART CALISMA ELEV  29  949  873  797  760  745  755  737  712
663  699
RE GRIDCART CALISMA ELEV  29  823  799  800  798  814  833  897  880
876  861
RE GRIDCART CALISMA ELEV  29  854
RE GRIDCART CALISMA ELEV  30  1033  1040  980  945  930  927  1024  1057
 1013
RE GRIDCART CALISMA ELEV  30  977  978  878  812  786  798  775  714
680  658
RE GRIDCART CALISMA ELEV  30  718  810  763  777  770  785  813  851
955  914
RE GRIDCART CALISMA ELEV  30  901  887
RE GRIDCART CALISMA ELEV  31  1098  1080  1013  1027  990  961  992
1100  1060
RE GRIDCART CALISMA ELEV  31  1100  1013  942  870  807  829  756  726
676  671
RE GRIDCART CALISMA ELEV  31  810  759  731  738  751  770  796  835
884  992
RE GRIDCART CALISMA ELEV  31  962  931
RE GRIDCART CALISMA HILL  1  813  937  963  1067  1033  940  902  853
830  838
RE GRIDCART CALISMA HILL  1  902  933  884  863  855  815  777  756  719
 761
RE GRIDCART CALISMA HILL  1  736  734  705  680  677  679  710  745  738
 732
RE GRIDCART CALISMA HILL  1  710
RE GRIDCART CALISMA HILL  2  765  818  872  970  953  951  920  863  822
 855
RE GRIDCART CALISMA HILL  2  835  877  909  840  817  802  768  772  717
 693
RE GRIDCART CALISMA HILL  2  697  683  680  680  685  697  703  742  753
 740
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RE GRIDCART CALISMA HILL  2  727
RE GRIDCART CALISMA HILL  3  868  793  857  887  877  954  908  881  874
 799
RE GRIDCART CALISMA HILL  3  802  808  867  856  791  858  767  795  688
 676
RE GRIDCART CALISMA HILL  3  680  687  708  706  737  740  741  732  775
 753
RE GRIDCART CALISMA HILL  3  745
RE GRIDCART CALISMA HILL  4  909  790  778  785  863  940  937  921  871
 818
RE GRIDCART CALISMA HILL  4  801  765  794  833  776  730  747  717  670
 681
RE GRIDCART CALISMA HILL  4  694  704  718  718  735  775  792  746  779
 766
RE GRIDCART CALISMA HILL  4  754
RE GRIDCART CALISMA HILL  5  928  806  800  749  818  922  978  969  929
 855
RE GRIDCART CALISMA HILL  5  806  770  742  728  728  710  744  674  689
 701
RE GRIDCART CALISMA HILL  5  713  716  728  742  751  771  779  752  774
 779
RE GRIDCART CALISMA HILL  5  773
RE GRIDCART CALISMA HILL  6  947  852  852  750  766  861  923  981  905
 857
RE GRIDCART CALISMA HILL  6  817  790  780  750  740  703  683  677  708
 722
RE GRIDCART CALISMA HILL  6  751  748  738  750  743  791  792  774  781
 798
RE GRIDCART CALISMA HILL  6  797
RE GRIDCART CALISMA HILL  7  906  920  869  828  742  811  928  959  939
 912
RE GRIDCART CALISMA HILL  7  852  823  806  742  722  692  875  696  769
```

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 756
RE GRIDCART CALISMA HILL  7  779  780  763  763  764  773  780  799  812
 824
RE GRIDCART CALISMA HILL  7  835
RE GRIDCART CALISMA HILL  8  905  897  849  823  736  764  846  899
1007  977
RE GRIDCART CALISMA HILL  8  921  874  780  726  706  677  681  741  771
 798
RE GRIDCART CALISMA HILL  8  765  766  770  778  778  790  806  820  851
 853
RE GRIDCART CALISMA HILL  8  883
RE GRIDCART CALISMA HILL  9  875  953  879  797  754  745  806  872  972
 976
RE GRIDCART CALISMA HILL  9  900  871  778  764  694  671  713  742  777
 802
RE GRIDCART CALISMA HILL  9  759  762  779  788  799  796  846  856  896
 892
RE GRIDCART CALISMA HILL  9  916
RE GRIDCART CALISMA HILL  10  830  892  883  843  745  736  797  893
961  941
RE GRIDCART CALISMA HILL  10  868  797  766  767  701  668  690  704
716  733
RE GRIDCART CALISMA HILL  10  750  789  799  816  849  825  840  934
947  931
RE GRIDCART CALISMA HILL  10  978
RE GRIDCART CALISMA HILL  11  842  803  800  782  762  724  801  859
951  1001
RE GRIDCART CALISMA HILL  11  900  811  769  740  696  669  685  709
722  746
RE GRIDCART CALISMA HILL  11  765  800  835  880  871  857  845  893
945  981
RE GRIDCART CALISMA HILL  11  1001
```

```
RE GRIDCART CALISMA HILL  12  793  854  789  779  742  726  810  902
981  1013
RE GRIDCART CALISMA HILL  12  945  847  749  712  673  667  731  712
762  774
RE GRIDCART CALISMA HILL  12  783  856  934  920  909  919  868  889
1000  1038
RE GRIDCART CALISMA HILL  12  1054
RE GRIDCART CALISMA HILL  13  776  786  784  781  763  719  774  880
958  1014
RE GRIDCART CALISMA HILL  13  918  855  774  688  666  712  724  713
759  799
RE GRIDCART CALISMA HILL  13  823  847  940  937  982  966  919  943
919  1047
RE GRIDCART CALISMA HILL  13  1084
RE GRIDCART CALISMA HILL  14  767  752  751  746  732  716  803  870
950  1000
RE GRIDCART CALISMA HILL  14  1008  934  815  733  685  665  676  701
753  816
RE GRIDCART CALISMA HILL  14  839  915  986  981  1047  975  998  987
951  968
RE GRIDCART CALISMA HILL  14  997
RE GRIDCART CALISMA HILL  15  771  752  740  729  717  711  807  902
897  960
RE GRIDCART CALISMA HILL  15  1014  961  815  822  758  672  667  691
745  801
RE GRIDCART CALISMA HILL  15  804  878  854  915  1009  999  1047  967
1027
RE GRIDCART CALISMA HILL  15  968  999
RE GRIDCART CALISMA HILL  16  755  739  731  723  709  707  774  814
903  929
RE GRIDCART CALISMA HILL  16  980  930  894  816  739  665  704  730
728  761
```

```
RE GRIDCART CALISMA HILL  16  782  857  810  845  905  933  973  1023
1022
RE GRIDCART CALISMA HILL  16  1017  984
RE GRIDCART CALISMA HILL  17  772  743  729  717  709  704  729  799
862  891
RE GRIDCART CALISMA HILL  17  946  914  812  758  697  663  694  732
706  751
RE GRIDCART CALISMA HILL  17  759  799  789  840  876  890  930  1022
1048
RE GRIDCART CALISMA HILL  17  1069  1051
RE GRIDCART CALISMA HILL  18  771  744  725  724  712  703  700  843
872  834
RE GRIDCART CALISMA HILL  18  859  866  829  757  732  689  667  674
694  730
RE GRIDCART CALISMA HILL  18  766  780  787  828  846  867  896  971
1096  1068
RE GRIDCART CALISMA HILL  18  1110
RE GRIDCART CALISMA HILL  19  770  737  730  719  717  711  699  724
804  764
RE GRIDCART CALISMA HILL  19  845  829  770  816  786  749  668  670
685  740
RE GRIDCART CALISMA HILL  19  789  803  801  821  832  843  857  918
1025  1048
RE GRIDCART CALISMA HILL  19  1060
RE GRIDCART CALISMA HILL  20  776  741  733  727  735  733  702  701
695  704
RE GRIDCART CALISMA HILL  20  743  780  733  783  801  809  721  673
679  713
RE GRIDCART CALISMA HILL  20  788  778  783  817  808  826  873  982
959  958
RE GRIDCART CALISMA HILL  20  985
RE GRIDCART CALISMA HILL  21  771  739  738  742  753  760  729  725
```

```
780  730
RE GRIDCART CALISMA HILL  21  687  708  697  774  762  772  682  666
686  689
RE GRIDCART CALISMA HILL  21  735  741  766  791  786  818  855  936
1074  1024
RE GRIDCART CALISMA HILL  21  1042
RE GRIDCART CALISMA HILL  22  754  745  747  753  767  806  757  736
796  808
RE GRIDCART CALISMA HILL  22  725  682  675  735  779  701  663  679
700  712
RE GRIDCART CALISMA HILL  22  711  732  765  757  772  802  840  932
1047  1080
RE GRIDCART CALISMA HILL  22  1086
RE GRIDCART CALISMA HILL  23  755  759  762  767  777  807  774  752
828  776
RE GRIDCART CALISMA HILL  23  725  714  672  694  762  661  674  717
712  705
RE GRIDCART CALISMA HILL  23  711  740  747  746  761  780  809  876
976  1068
RE GRIDCART CALISMA HILL  23  1124
RE GRIDCART CALISMA HILL  24  763  775  785  790  794  848  799  778
829  833
RE GRIDCART CALISMA HILL  24  768  734  694  677  665  662  735  764
751  729
RE GRIDCART CALISMA HILL  24  726  720  728  735  742  750  780  816
865  907
RE GRIDCART CALISMA HILL  24  1051
RE GRIDCART CALISMA HILL  25  794  789  812  817  810  877  832  815
811  869
RE GRIDCART CALISMA HILL  25  794  731  739  697  696  659  725  738
772  744
RE GRIDCART CALISMA HILL  25  751  740  767  767  762  765  774  772
```

```
822  872
RE GRIDCART CALISMA HILL  25  989
RE GRIDCART CALISMA HILL  26  813  813  843  847  827  904  893  884
845  863
RE GRIDCART CALISMA HILL  26  822  783  782  726  685  667  670  686
723  753
RE GRIDCART CALISMA HILL  26  777  775  776  792  789  784  800  793
793  825
RE GRIDCART CALISMA HILL  26  777
RE GRIDCART CALISMA HILL  27  847  848  862  880  845  925  970  959
883  884
RE GRIDCART CALISMA HILL  27  860  827  757  736  700  710  657  656
682  739
RE GRIDCART CALISMA HILL  27  833  820  815  812  826  814  810  817
811  805
RE GRIDCART CALISMA HILL  27  845
RE GRIDCART CALISMA HILL  28  918  927  907  907  864  945  1016  983
943  913
RE GRIDCART CALISMA HILL  28  903  833  756  753  712  736  721  662
663  729
RE GRIDCART CALISMA HILL  28  838  881  826  817  861  860  845  843
846  859
RE GRIDCART CALISMA HILL  28  823
RE GRIDCART CALISMA HILL  29  970  998  952  928  895  952  1031  1037
991  936
RE GRIDCART CALISMA HILL  29  949  873  797  760  745  755  737  712
663  699
RE GRIDCART CALISMA HILL  29  823  799  800  798  814  833  897  880
876  861
RE GRIDCART CALISMA HILL  29  854
RE GRIDCART CALISMA HILL  30  1033  1040  980  945  930  927  1024  1057
 1013
```

```
RE GRIDCART CALISMA HILL  30  977  978  878  812  786  798  775  714
680  658
RE GRIDCART CALISMA HILL  30  718  810  763  777  770  785  813  851
955  914
RE GRIDCART CALISMA HILL  30  901  887
RE GRIDCART CALISMA HILL  31  1098  1080  1013  1027  990  961  992
1100  1060
RE GRIDCART CALISMA HILL  31  1100  1013  942  870  807  829  756  726
676  671
RE GRIDCART CALISMA HILL  31  810  759  731  738  751  770  796  835
884  992
RE GRIDCART CALISMA HILL  31  962  931
RE GRIDCART CALISMA END
RE DISCCART  537268  4419321  708  708
** RCPDESCR  Hacıbalı
RE DISCCART  533288  4420664  702  702
** RCPDESCR  Irmak
RE DISCCART  530873  4418253  707  707
** RCPDESCR  Irmak-KGA-SSW
RE DISCCART  532253  4419045  772  772
** RCPDESCR  Irmak-KGA-SW
RE DISCCART  534268  4421987  720  720
** RCPDESCR  Irmak-KGA-NE
RE DISCCART  536366  4419557  688  688
** RCPDESCR  Toplu Konut
RE DISCCART  534987  4418091  692  692
** RCPDESCR  Tarla Evi
RE DISCCART  530614  4415312  729  729
** RCPDESCR  Kılıçlar
RE DISCCART  538946  4413223  762  762
** RCPDESCR  Yahşihan
RE DISCCART  541693  4411996  758  758
```

```
** RCPDESCR  Kırıkkale
RE FINISHED

ME STARTING
ME SURFFILE  "C:\PM.KSUZ\VERIM.SFC"
** SURFFILE  "C:\PM.KSUZ\VERIM.SFC"
ME PROFFILE  "C:\PM.KSUZ\VERIM.PFL"
** PROFFILE  "C:\PM.KSUZ\VERIM.PFL"
ME SURFDATA  00017135  2004
ME UAIRDATA  00017130  2004
ME PROFBASE  750
ME FINISHED

OU STARTING
OU RECTABLE  24  FIRST
OU FILEFORM FIX
OU MAXTABLE  24  500
OU PLOTFILE  24  ESER  FIRST  ESER`24`FIRST.plt  10000
OU PLOTFILE  ANNUAL  ESER  ESER`ANNUAL.plt  10001
OU POSTFILE  ANNUAL  ESER  UNFORM  ESER`ANNUAL.bin  10002
OU FINISHED


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            3 Warning Message(s)
 A Total of            0 Informational Message(s)
```

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

******** WARNING MESSAGES ********
OU W565 312 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 313 PERPLT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 314 PERPST:Possible Conflict With Dynamically Allocated FUNIT POSTFILE

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

*** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 10:22:23

PAGE 1

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** MODEL SETUP OPTIONS SUMMARY ***

```
 **Model Is Setup For Calculation of Average CONCentration Values.
 **Model Is Setup For Calculation of Dry DEPosition Values.

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

 **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.

 **Model Assumes No FLAGPOLE Receptor Heights.

 **Model Calculates  1 Short Term Average(s) of:  24-HR
    and Calculates ANNUAL Averages

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

 **The Model Assumes A Pollutant Type of:  PM10

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

 **Output Options Selected:
         Model Outputs Tables of ANNUAL Averages by Receptor
```

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs Tables of Overall Maximum Short Term Values (MAXTABLE Keyword)
Model Outputs External File(s) of Concurrent Values for Postprocessing (POSTFILE Keyword)
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) = 750.00 ;
Decay Coef. = 0.000 ; Rot. Angle = 0.0
Concentration: Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

Deposition: Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 3600.0
Output Units = GRAMS/M**2

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

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** AREA SOURCE DATA
***

SOURCE ID	NUMBER OF AREA CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	COORD (SW CORNER) Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM (METERS)	Y-DIM (METERS)	ORIENT. (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
AREA	5	0.60400E-05	534881.1	4418034.3	710.0	1.50	1127.00	382.00	73.00	1.50	NO	

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT

WETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

ESER AREA ,

*** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED *** 10/27/11 *** 10:22:23

**MODELOPTs: RegDFAULT CONC DDEP ELEV

DRYDPLT

WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = AREA ; SOURCE TYPE = AREA ***

MASS FRACTION =
0.45000, 0.32000, 0.07000, 0.05000, 0.11000,

```
         PARTICLE DIAMETER (MICRONS) =
           2.50000,   5.00000,  10.00000,  15.00000,  20.00000,

         PARTICLE DENSITY (G/CM**3)  =
           1.00000,   1.00000,   1.00000,   1.00000,   1.00000,
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***        10:22:23

                                                PAGE   5
 **MODELOPTs:  RegDFAULT CONC                  DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

                                          *** GRIDDED RECEPTOR NETWORK
SUMMARY ***

                                       *** NETWORK ID: CALISMA  ;  NETWORK
TYPE: GRIDCART ***

                                            *** X-COORDINATES OF GRID ***
                                                     (METERS)

       528000.0,  528500.0,  529000.0,  529500.0,  530000.0,  530500.0,
531000.0,  531500.0,  532000.0,  532500.0,
       533000.0,  533500.0,  534000.0,  534500.0,  535000.0,  535500.0,
536000.0,  536500.0,  537000.0,  537500.0,
       538000.0,  538500.0,  539000.0,  539500.0,  540000.0,  540500.0,
541000.0,  541500.0,  542000.0,  542500.0,
```

543000.0,

*** Y-COORDINATES OF GRID ***
(METERS)

4410000.0, 4410500.0, 4411000.0, 4411500.0, 4412000.0, 4412500.0, 4413000.0, 4413500.0, 4414000.0, 4414500.0,
4415000.0, 4415500.0, 4416000.0, 4416500.0, 4417000.0, 4417500.0, 4418000.0, 4418500.0, 4419000.0, 4419500.0,
4420000.0, 4420500.0, 4421000.0, 4421500.0, 4422000.0, 4422500.0, 4423000.0, 4423500.0, 4424000.0, 4424500.0,
4425000.0,

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 10:22:23

**MODELOPTs: RegDFAULT CONC DDEP
ELEV

DRYDPLT

WETDPLT

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)
	528000.00 528500.00 529000.00 529500.00

	530000.00	530500.00	531000.00	531500.00	532000.00
4425000.00	1098.00	1080.00	1013.00	1027.00	990.00
4424500.00	961.00	992.00	1100.00	1060.00	
4424000.00	1033.00	1040.00	980.00	945.00	930.00
4423500.00	927.00	1024.00	1057.00	1013.00	
4423000.00	970.00	998.00	952.00	928.00	895.00
4422500.00	952.00	1031.00	1037.00	991.00	
4422000.00	918.00	927.00	907.00	907.00	864.00
4421500.00	945.00	1016.00	983.00	943.00	
4421000.00	847.00	848.00	862.00	880.00	845.00
4420500.00	925.00	970.00	959.00	883.00	
4420000.00	813.00	813.00	843.00	847.00	827.00
4419500.00	904.00	893.00	884.00	845.00	
4419000.00	794.00	789.00	812.00	817.00	810.00
4418500.00	877.00	832.00	815.00	811.00	
	763.00	775.00	785.00	790.00	794.00
	848.00	799.00	778.00	829.00	
	755.00	759.00	762.00	767.00	777.00
	807.00	774.00	752.00	828.00	
	754.00	745.00	747.00	753.00	767.00
	806.00	757.00	736.00	796.00	
	771.00	739.00	738.00	742.00	753.00
	760.00	729.00	725.00	780.00	
	776.00	741.00	733.00	727.00	735.00
	733.00	702.00	701.00	695.00	
	770.00	737.00	730.00	719.00	717.00
	711.00	699.00	724.00	804.00	
	771.00	744.00	725.00	724.00	712.00
	703.00	700.00	843.00	872.00	

4418000.00		772.00	743.00	729.00	717.00
709.00	704.00	729.00	799.00	862.00	
4417500.00		755.00	739.00	731.00	723.00
709.00	707.00	774.00	814.00	903.00	
4417000.00		771.00	752.00	740.00	729.00
717.00	711.00	807.00	902.00	897.00	
4416500.00		767.00	752.00	751.00	746.00
732.00	716.00	803.00	870.00	950.00	
4416000.00		776.00	786.00	784.00	781.00
763.00	719.00	774.00	880.00	958.00	
4415500.00		793.00	854.00	789.00	779.00
742.00	726.00	810.00	902.00	981.00	
4415000.00		842.00	803.00	800.00	782.00
762.00	724.00	801.00	859.00	951.00	
4414500.00		830.00	892.00	883.00	843.00
745.00	736.00	797.00	893.00	961.00	
4414000.00		875.00	953.00	879.00	797.00
754.00	745.00	806.00	872.00	972.00	
4413500.00		905.00	897.00	849.00	823.00
736.00	764.00	846.00	899.00	1007.00	
4413000.00		906.00	920.00	869.00	828.00
742.00	811.00	928.00	959.00	939.00	
4412500.00		947.00	852.00	852.00	750.00
766.00	861.00	923.00	981.00	905.00	
4412000.00		928.00	806.00	800.00	749.00
818.00	922.00	978.00	969.00	929.00	
4411500.00		909.00	790.00	778.00	785.00
863.00	940.00	937.00	921.00	871.00	
4411000.00		868.00	793.00	857.00	887.00
877.00	954.00	908.00	881.00	874.00	
4410500.00		765.00	818.00	872.00	970.00
953.00	951.00	920.00	863.00	822.00	

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  4410000.00 |        813.00       937.00       963.00      1067.00
1033.00       940.00       902.00       853.00       830.00
 *** AERMOD - VERSION 09292 ***     ***  NO TITLE SPECIFIED
                                    ***         10/27/11
                                    ***
                                    ***        10:22:23

                                                PAGE   7
 **MODELOPTs:  RegDFAULT CONC                 DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

                                  *** NETWORK ID: CALISMA  ;  NETWORK
TYPE: GRIDCART ***

                                                 * ELEVATION HEIGHTS IN
METERS *

    Y-COORD  |                                                  X-COORD
(METERS)
    (METERS) |     532500.00    533000.00    533500.00    534000.00
534500.00    535000.00    535500.00    536000.00    536500.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  4425000.00 |       1100.00      1013.00       942.00       870.00
 807.00       829.00       756.00       726.00       676.00
  4424500.00 |        977.00       978.00       878.00       812.00
 786.00       798.00       775.00       714.00       680.00
  4424000.00 |        936.00       949.00       873.00       797.00
 760.00       745.00       755.00       737.00       712.00
```

4423500.00	913.00	903.00	833.00	756.00	753.00
712.00	736.00	721.00	662.00		
4423000.00	884.00	860.00	827.00	757.00	736.00
700.00	710.00	657.00	656.00		
4422500.00	863.00	822.00	783.00	782.00	726.00
685.00	667.00	670.00	686.00		
4422000.00	869.00	794.00	731.00	739.00	697.00
696.00	659.00	725.00	738.00		
4421500.00	833.00	768.00	734.00	694.00	677.00
665.00	662.00	735.00	764.00		
4421000.00	776.00	725.00	714.00	672.00	694.00
762.00	661.00	674.00	717.00		
4420500.00	808.00	725.00	682.00	675.00	735.00
779.00	701.00	663.00	679.00		
4420000.00	730.00	687.00	708.00	697.00	774.00
762.00	772.00	682.00	666.00		
4419500.00	704.00	743.00	780.00	733.00	783.00
801.00	809.00	721.00	673.00		
4419000.00	764.00	845.00	829.00	770.00	816.00
786.00	749.00	668.00	670.00		
4418500.00	834.00	859.00	866.00	829.00	757.00
732.00	689.00	667.00	674.00		
4418000.00	891.00	946.00	914.00	812.00	758.00
697.00	663.00	694.00	732.00		
4417500.00	929.00	980.00	930.00	894.00	816.00
739.00	665.00	704.00	730.00		
4417000.00	960.00	1014.00	961.00	815.00	822.00
758.00	672.00	667.00	691.00		
4416500.00	1000.00	1008.00	934.00	815.00	733.00
685.00	665.00	676.00	701.00		
4416000.00	1014.00	918.00	855.00	774.00	688.00
666.00	712.00	724.00	713.00		

```
 4415500.00 |       1013.00       945.00       847.00       749.00
712.00       673.00       667.00       731.00       712.00
 4415000.00 |       1001.00       900.00       811.00       769.00
740.00       696.00       669.00       685.00       709.00
 4414500.00 |        941.00       868.00       797.00       766.00
767.00       701.00       668.00       690.00       704.00
 4414000.00 |        976.00       900.00       871.00       778.00
764.00       694.00       671.00       713.00       742.00
 4413500.00 |        977.00       921.00       874.00       780.00
726.00       706.00       677.00       681.00       741.00
 4413000.00 |        912.00       852.00       823.00       806.00
742.00       722.00       692.00       875.00       696.00
 4412500.00 |        857.00       817.00       790.00       780.00
750.00       740.00       703.00       683.00       677.00
 4412000.00 |        855.00       806.00       770.00       742.00
728.00       728.00       710.00       744.00       674.00
 4411500.00 |        818.00       801.00       765.00       794.00
833.00       776.00       730.00       747.00       717.00
 4411000.00 |        799.00       802.00       808.00       867.00
856.00       791.00       858.00       767.00       795.00
 4410500.00 |        855.00       835.00       877.00       909.00
840.00       817.00       802.00       768.00       772.00
 4410000.00 |        838.00       902.00       933.00       884.00
863.00       855.00       815.00       777.00       756.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/27/11
                                  ***
                                  ***        10:22:23

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**MODELOPTs:  RegDFAULT CONC                   DDEP
 ELEV
```

DRYDPLT

WETDPLT

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	537000.00	537500.00	538000.00	538500.00	539000.00
539500.00	540000.00	540500.00	541000.00		
4425000.00	671.00	810.00	759.00	731.00	738.00
751.00	770.00	796.00	835.00		
4424500.00	658.00	718.00	810.00	763.00	777.00
770.00	785.00	813.00	851.00		
4424000.00	663.00	699.00	823.00	799.00	800.00
798.00	814.00	833.00	897.00		
4423500.00	663.00	729.00	838.00	881.00	826.00
817.00	861.00	860.00	845.00		
4423000.00	682.00	739.00	833.00	820.00	815.00
812.00	826.00	814.00	810.00		
4422500.00	723.00	753.00	777.00	775.00	776.00
792.00	789.00	784.00	800.00		
4422000.00	772.00	744.00	751.00	740.00	767.00
767.00	762.00	765.00	774.00		
4421500.00	751.00	729.00	726.00	720.00	728.00
735.00	742.00	750.00	780.00		

4421000.00		712.00	705.00	711.00	740.00
747.00	746.00	761.00	780.00	809.00	
4420500.00		700.00	712.00	711.00	732.00
765.00	757.00	772.00	802.00	840.00	
4420000.00		686.00	689.00	735.00	741.00
766.00	791.00	786.00	818.00	855.00	
4419500.00		679.00	713.00	788.00	778.00
783.00	817.00	808.00	826.00	873.00	
4419000.00		685.00	740.00	789.00	803.00
801.00	821.00	832.00	843.00	857.00	
4418500.00		694.00	730.00	766.00	780.00
787.00	828.00	846.00	867.00	896.00	
4418000.00		706.00	751.00	759.00	799.00
789.00	840.00	876.00	890.00	930.00	
4417500.00		728.00	761.00	782.00	857.00
810.00	845.00	905.00	933.00	973.00	
4417000.00		745.00	801.00	804.00	878.00
854.00	915.00	1009.00	999.00	1047.00	
4416500.00		753.00	816.00	839.00	915.00
986.00	981.00	1047.00	975.00	998.00	
4416000.00		759.00	799.00	823.00	847.00
940.00	937.00	982.00	966.00	919.00	
4415500.00		762.00	774.00	783.00	856.00
934.00	920.00	909.00	919.00	868.00	
4415000.00		722.00	746.00	765.00	800.00
835.00	880.00	871.00	857.00	845.00	
4414500.00		716.00	733.00	750.00	789.00
799.00	816.00	849.00	825.00	840.00	
4414000.00		777.00	802.00	759.00	762.00
779.00	788.00	799.00	796.00	846.00	
4413500.00		771.00	798.00	765.00	766.00
770.00	778.00	778.00	790.00	806.00	

```
 4413000.00 |        769.00       756.00       779.00       780.00
763.00       763.00       764.00       773.00       780.00
 4412500.00 |        708.00       722.00       751.00       748.00
738.00       750.00       743.00       791.00       792.00
 4412000.00 |        689.00       701.00       713.00       716.00
728.00       742.00       751.00       771.00       779.00
 4411500.00 |        670.00       681.00       694.00       704.00
718.00       718.00       735.00       775.00       792.00
 4411000.00 |        688.00       676.00       680.00       687.00
708.00       706.00       737.00       740.00       741.00
 4410500.00 |        717.00       693.00       697.00       683.00
680.00       680.00       685.00       697.00       703.00
 4410000.00 |        719.00       761.00       736.00       734.00
705.00       680.00       677.00       679.00       710.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                   ***
                                   ***       10:22:23

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 **MODELOPTs:  RegDFAULT CONC                DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

                                  *** NETWORK ID: CALISMA  ;  NETWORK
TYPE: GRIDCART ***

                                               * ELEVATION HEIGHTS IN
METERS *

    Y-COORD  |                                                 X-COORD
```

(METERS) (METERS)	541500.00	542000.00	542500.00	543000.00
4425000.00	884.00	992.00	962.00	931.00
4424500.00	955.00	914.00	901.00	887.00
4424000.00	880.00	876.00	861.00	854.00
4423500.00	843.00	846.00	859.00	823.00
4423000.00	817.00	811.00	805.00	845.00
4422500.00	793.00	793.00	825.00	777.00
4422000.00	772.00	822.00	872.00	989.00
4421500.00	816.00	865.00	907.00	1051.00
4421000.00	876.00	976.00	1068.00	1124.00
4420500.00	932.00	1047.00	1080.00	1086.00
4420000.00	936.00	1074.00	1024.00	1042.00
4419500.00	982.00	959.00	958.00	985.00
4419000.00	918.00	1025.00	1048.00	1060.00
4418500.00	971.00	1096.00	1068.00	1110.00
4418000.00	1022.00	1048.00	1069.00	1051.00
4417500.00	1023.00	1022.00	1017.00	984.00
4417000.00	967.00	1027.00	968.00	999.00
4416500.00	987.00	951.00	968.00	997.00
4416000.00	943.00	919.00	1047.00	1084.00
4415500.00	889.00	1000.00	1038.00	1054.00
4415000.00	893.00	945.00	981.00	1001.00
4414500.00	934.00	947.00	931.00	978.00
4414000.00	856.00	896.00	892.00	916.00
4413500.00	820.00	851.00	853.00	883.00
4413000.00	799.00	812.00	824.00	835.00
4412500.00	774.00	781.00	798.00	797.00
4412000.00	752.00	774.00	779.00	773.00

```
  4411500.00 |        746.00       779.00       766.00       754.00
  4411000.00 |        732.00       775.00       753.00       745.00
  4410500.00 |        742.00       753.00       740.00       727.00
  4410000.00 |        745.00       738.00       732.00       710.00
 *** AERMOD - VERSION 09292 ***     ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***        10:22:23

                                               PAGE  10
 **MODELOPTs:  RegDFAULT CONC                 DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

                                    *** NETWORK ID: CALISMA  ;  NETWORK
TYPE: GRIDCART ***

                                                 * HILL HEIGHT SCALES IN
METERS *

    Y-COORD  |                                                  X-COORD
(METERS)
    (METERS) |     528000.00    528500.00    529000.00    529500.00
530000.00    530500.00    531000.00    531500.00    532000.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  4425000.00 |       1098.00      1080.00      1013.00      1027.00
 990.00       961.00       992.00      1100.00      1060.00
  4424500.00 |       1033.00      1040.00       980.00       945.00
 930.00       927.00      1024.00      1057.00      1013.00
```

4424000.00		970.00	998.00	952.00	928.00
895.00	952.00	1031.00	1037.00	991.00	
4423500.00		918.00	927.00	907.00	907.00
864.00	945.00	1016.00	983.00	943.00	
4423000.00		847.00	848.00	862.00	880.00
845.00	925.00	970.00	959.00	883.00	
4422500.00		813.00	813.00	843.00	847.00
827.00	904.00	893.00	884.00	845.00	
4422000.00		794.00	789.00	812.00	817.00
810.00	877.00	832.00	815.00	811.00	
4421500.00		763.00	775.00	785.00	790.00
794.00	848.00	799.00	778.00	829.00	
4421000.00		755.00	759.00	762.00	767.00
777.00	807.00	774.00	752.00	828.00	
4420500.00		754.00	745.00	747.00	753.00
767.00	806.00	757.00	736.00	796.00	
4420000.00		771.00	739.00	738.00	742.00
753.00	760.00	729.00	725.00	780.00	
4419500.00		776.00	741.00	733.00	727.00
735.00	733.00	702.00	701.00	695.00	
4419000.00		770.00	737.00	730.00	719.00
717.00	711.00	699.00	724.00	804.00	
4418500.00		771.00	744.00	725.00	724.00
712.00	703.00	700.00	843.00	872.00	
4418000.00		772.00	743.00	729.00	717.00
709.00	704.00	729.00	799.00	862.00	
4417500.00		755.00	739.00	731.00	723.00
709.00	707.00	774.00	814.00	903.00	
4417000.00		771.00	752.00	740.00	729.00
717.00	711.00	807.00	902.00	897.00	
4416500.00		767.00	752.00	751.00	746.00
732.00	716.00	803.00	870.00	950.00	

```
 4416000.00 |        776.00       786.00       784.00       781.00
763.00       719.00       774.00       880.00       958.00
 4415500.00 |        793.00       854.00       789.00       779.00
742.00       726.00       810.00       902.00       981.00
 4415000.00 |        842.00       803.00       800.00       782.00
762.00       724.00       801.00       859.00       951.00
 4414500.00 |        830.00       892.00       883.00       843.00
745.00       736.00       797.00       893.00       961.00
 4414000.00 |        875.00       953.00       879.00       797.00
754.00       745.00       806.00       872.00       972.00
 4413500.00 |        905.00       897.00       849.00       823.00
736.00       764.00       846.00       899.00      1007.00
 4413000.00 |        906.00       920.00       869.00       828.00
742.00       811.00       928.00       959.00       939.00
 4412500.00 |        947.00       852.00       852.00       750.00
766.00       861.00       923.00       981.00       905.00
 4412000.00 |        928.00       806.00       800.00       749.00
818.00       922.00       978.00       969.00       929.00
 4411500.00 |        909.00       790.00       778.00       785.00
863.00       940.00       937.00       921.00       871.00
 4411000.00 |        868.00       793.00       857.00       887.00
877.00       954.00       908.00       881.00       874.00
 4410500.00 |        765.00       818.00       872.00       970.00
953.00       951.00       920.00       863.00       822.00
 4410000.00 |        813.00       937.00       963.00      1067.00
1033.00       940.00       902.00       853.00       830.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/27/11
                                   ***
                                   ***        10:22:23

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**MODELOPTs: RegDFAULT CONC DDEP ELEV DRYDPLT WETDPLT

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	532500.00	533000.00	533500.00	534000.00	534500.00
4425000.00	1100.00	1013.00	942.00	870.00	807.00
4424500.00	977.00	978.00	878.00	812.00	786.00
4424000.00	936.00	949.00	873.00	797.00	760.00
4423500.00	913.00	903.00	833.00	756.00	753.00
4423000.00	884.00	860.00	827.00	757.00	736.00
4422500.00	863.00	822.00	783.00	782.00	726.00
4422000.00	869.00	794.00	731.00	739.00	697.00

4421500.00		833.00	768.00	734.00	694.00
677.00	665.00	662.00	735.00	764.00	
4421000.00		776.00	725.00	714.00	672.00
694.00	762.00	661.00	674.00	717.00	
4420500.00		808.00	725.00	682.00	675.00
735.00	779.00	701.00	663.00	679.00	
4420000.00		730.00	687.00	708.00	697.00
774.00	762.00	772.00	682.00	666.00	
4419500.00		704.00	743.00	780.00	733.00
783.00	801.00	809.00	721.00	673.00	
4419000.00		764.00	845.00	829.00	770.00
816.00	786.00	749.00	668.00	670.00	
4418500.00		834.00	859.00	866.00	829.00
757.00	732.00	689.00	667.00	674.00	
4418000.00		891.00	946.00	914.00	812.00
758.00	697.00	663.00	694.00	732.00	
4417500.00		929.00	980.00	930.00	894.00
816.00	739.00	665.00	704.00	730.00	
4417000.00		960.00	1014.00	961.00	815.00
822.00	758.00	672.00	667.00	691.00	
4416500.00		1000.00	1008.00	934.00	815.00
733.00	685.00	665.00	676.00	701.00	
4416000.00		1014.00	918.00	855.00	774.00
688.00	666.00	712.00	724.00	713.00	
4415500.00		1013.00	945.00	847.00	749.00
712.00	673.00	667.00	731.00	712.00	
4415000.00		1001.00	900.00	811.00	769.00
740.00	696.00	669.00	685.00	709.00	
4414500.00		941.00	868.00	797.00	766.00
767.00	701.00	668.00	690.00	704.00	
4414000.00		976.00	900.00	871.00	778.00
764.00	694.00	671.00	713.00	742.00	

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 4413500.00 |        977.00       921.00       874.00       780.00
726.00       706.00       677.00       681.00       741.00
 4413000.00 |        912.00       852.00       823.00       806.00
742.00       722.00       692.00       875.00       696.00
 4412500.00 |        857.00       817.00       790.00       780.00
750.00       740.00       703.00       683.00       677.00
 4412000.00 |        855.00       806.00       770.00       742.00
728.00       728.00       710.00       744.00       674.00
 4411500.00 |        818.00       801.00       765.00       794.00
833.00       776.00       730.00       747.00       717.00
 4411000.00 |        799.00       802.00       808.00       867.00
856.00       791.00       858.00       767.00       795.00
 4410500.00 |        855.00       835.00       877.00       909.00
840.00       817.00       802.00       768.00       772.00
 4410000.00 |        838.00       902.00       933.00       884.00
863.00       855.00       815.00       777.00       756.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                   ***
                                   ***       10:22:23

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 **MODELOPTs:  RegDFAULT CONC                DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

                                    *** NETWORK ID: CALISMA  ;  NETWORK
TYPE: GRIDCART ***

                                                 * HILL HEIGHT SCALES IN
METERS *
```

Y-COORD (METERS)	X-COORD (METERS)				
	537000.00	537500.00	538000.00	538500.00	539000.00
539500.00	540000.00	540500.00	541000.00		
4425000.00	671.00	810.00	759.00	731.00	738.00
751.00	770.00	796.00	835.00		
4424500.00	658.00	718.00	810.00	763.00	777.00
770.00	785.00	813.00	851.00		
4424000.00	663.00	699.00	823.00	799.00	800.00
798.00	814.00	833.00	897.00		
4423500.00	663.00	729.00	838.00	881.00	826.00
817.00	861.00	860.00	845.00		
4423000.00	682.00	739.00	833.00	820.00	815.00
812.00	826.00	814.00	810.00		
4422500.00	723.00	753.00	777.00	775.00	776.00
792.00	789.00	784.00	800.00		
4422000.00	772.00	744.00	751.00	740.00	767.00
767.00	762.00	765.00	774.00		
4421500.00	751.00	729.00	726.00	720.00	728.00
735.00	742.00	750.00	780.00		
4421000.00	712.00	705.00	711.00	740.00	747.00
746.00	761.00	780.00	809.00		
4420500.00	700.00	712.00	711.00	732.00	765.00
757.00	772.00	802.00	840.00		
4420000.00	686.00	689.00	735.00	741.00	766.00
791.00	786.00	818.00	855.00		
4419500.00	679.00	713.00	788.00	778.00	783.00
817.00	808.00	826.00	873.00		

4419000.00		685.00	740.00	789.00	803.00
801.00	821.00	832.00	843.00	857.00	
4418500.00		694.00	730.00	766.00	780.00
787.00	828.00	846.00	867.00	896.00	
4418000.00		706.00	751.00	759.00	799.00
789.00	840.00	876.00	890.00	930.00	
4417500.00		728.00	761.00	782.00	857.00
810.00	845.00	905.00	933.00	973.00	
4417000.00		745.00	801.00	804.00	878.00
854.00	915.00	1009.00	999.00	1047.00	
4416500.00		753.00	816.00	839.00	915.00
986.00	981.00	1047.00	975.00	998.00	
4416000.00		759.00	799.00	823.00	847.00
940.00	937.00	982.00	966.00	919.00	
4415500.00		762.00	774.00	783.00	856.00
934.00	920.00	909.00	919.00	868.00	
4415000.00		722.00	746.00	765.00	800.00
835.00	880.00	871.00	857.00	845.00	
4414500.00		716.00	733.00	750.00	789.00
799.00	816.00	849.00	825.00	840.00	
4414000.00		777.00	802.00	759.00	762.00
779.00	788.00	799.00	796.00	846.00	
4413500.00		771.00	798.00	765.00	766.00
770.00	778.00	778.00	790.00	806.00	
4413000.00		769.00	756.00	779.00	780.00
763.00	763.00	764.00	773.00	780.00	
4412500.00		708.00	722.00	751.00	748.00
738.00	750.00	743.00	791.00	792.00	
4412000.00		689.00	701.00	713.00	716.00
728.00	742.00	751.00	771.00	779.00	
4411500.00		670.00	681.00	694.00	704.00
718.00	718.00	735.00	775.00	792.00	

```
 4411000.00 |        688.00       676.00       680.00       687.00
708.00       706.00       737.00       740.00       741.00
 4410500.00 |        717.00       693.00       697.00       683.00
680.00       680.00       685.00       697.00       703.00
 4410000.00 |        719.00       761.00       736.00       734.00
705.00       680.00       677.00       679.00       710.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                   ***
                                   ***       10:22:23

                                              PAGE  13
 **MODELOPTs:  RegDFAULT CONC                DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

                                  *** NETWORK ID: CALISMA  ;  NETWORK
TYPE: GRIDCART ***

                                               * HILL HEIGHT SCALES IN
METERS *

    Y-COORD  |                                                 X-COORD
(METERS)
    (METERS) |     541500.00    542000.00    542500.00    543000.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  4425000.00 |        884.00       992.00       962.00       931.00
  4424500.00 |        955.00       914.00       901.00       887.00
  4424000.00 |        880.00       876.00       861.00       854.00
```

4423500.00	843.00	846.00	859.00	823.00
4423000.00	817.00	811.00	805.00	845.00
4422500.00	793.00	793.00	825.00	777.00
4422000.00	772.00	822.00	872.00	989.00
4421500.00	816.00	865.00	907.00	1051.00
4421000.00	876.00	976.00	1068.00	1124.00
4420500.00	932.00	1047.00	1080.00	1086.00
4420000.00	936.00	1074.00	1024.00	1042.00
4419500.00	982.00	959.00	958.00	985.00
4419000.00	918.00	1025.00	1048.00	1060.00
4418500.00	971.00	1096.00	1068.00	1110.00
4418000.00	1022.00	1048.00	1069.00	1051.00
4417500.00	1023.00	1022.00	1017.00	984.00
4417000.00	967.00	1027.00	968.00	999.00
4416500.00	987.00	951.00	968.00	997.00
4416000.00	943.00	919.00	1047.00	1084.00
4415500.00	889.00	1000.00	1038.00	1054.00
4415000.00	893.00	945.00	981.00	1001.00
4414500.00	934.00	947.00	931.00	978.00
4414000.00	856.00	896.00	892.00	916.00
4413500.00	820.00	851.00	853.00	883.00
4413000.00	799.00	812.00	824.00	835.00
4412500.00	774.00	781.00	798.00	797.00
4412000.00	752.00	774.00	779.00	773.00
4411500.00	746.00	779.00	766.00	754.00
4411000.00	732.00	775.00	753.00	745.00
4410500.00	742.00	753.00	740.00	727.00
4410000.00	745.00	738.00	732.00	710.00

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
*** 10:22:23

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**MODELOPTs: RegDFAULT CONC DDEP ELEV DRYDPLT WETDPLT

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

(537268.0, 4419321.0, 708.0, 708.0, 0.0); (533288.0, 4420664.0, 702.0, 702.0, 0.0);
(530873.0, 4418253.0, 707.0, 707.0, 0.0); (532253.0, 4419045.0, 772.0, 772.0, 0.0);
(534268.0, 4421987.0, 720.0, 720.0, 0.0); (536366.0, 4419557.0, 688.0, 688.0, 0.0);
(534987.0, 4418091.0, 692.0, 692.0, 0.0); (530614.0, 4415312.0, 729.0, 729.0, 0.0);
(538946.0, 4413223.0, 762.0, 762.0, 0.0); (541693.0, 4411996.0, 758.0, 758.0, 0.0);

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED ***
10/27/11
***
*** 10:22:23

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**MODELOPTs: RegDFAULT CONC DDEP ELEV DRYDPLT

WETDPLT

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

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

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

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

1.54, 3.09, 5.14,
8.23, 10.80,

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

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

Surface file: C:\PM.KSUZ\VERIM.SFC
Met Version: 06341
Profile file: C:\PM.KSUZ\VERIM.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 17135 Upper air station no.: 17130
Name: UNKNOWN Name: UNKNOWN
Year: 2004 Year: 2004

First 24 hours of scalar data

YR	MO	DY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALB	REF	WS	WD	HT	REF	TA	HT	IPCOD	PRATE	RH	SFCP	CCVR
04	01	01	01	-3.7	0.087	-9.000	-9.000	-999.	59.	15.8	0.99	2.27	1.00	1.00	1.	10.	271.4	2.	0	-9.00	999.	1013.	10			
04	01	01	02	-24.5	0.416	-9.000	-9.000	-999.	618.	266.2	0.99	2.27	1.00	2.60	48.	10.	270.9	2.	0	-9.00	999.	1013.	10			
04	01	01	03	-24.5	0.416	-9.000	-9.000	-999.	618.	266.2	0.99	2.27	1.00	2.60	54.	10.	270.9	2.	0	-9.00	999.	1013.	10			
04	01	01	04	-10.7	0.183	-9.000	-9.000	-999.	232.	51.1	0.99	2.27	1.00	1.50	53.	10.	270.9	2.	0	-9.00	999.	1013.	10			
04	01	01	05	-3.7	0.087	-9.000	-9.000	-999.	70.	15.8	0.99	2.27	1.00	1.00	3.	10.	271.4	2.	0	-9.00	999.	1013.	10			
04	01	01	06	-0.9	0.043	-9.000	-9.000	-999.	21.	7.9	0.99	2.27	1.00	0.50	22.	10.	271.4	2.	0	-9.00	999.	1013.	10			
04	01	01	07	-3.7	0.087	-9.000	-9.000	-999.	59.	15.8	0.99	2.27	1.00	1.00	25.	10.	271.4	2.	0	-9.00	999.	1013.	10			
04	01	01	08	-10.5	0.190	-9.000	-9.000	-999.	190.	58.5	0.99	2.27	0.53	1.50	73.	10.	272.0	2.	0	-9.00	999.	1013.	10			
04	01	01	09	-1.7	0.253	-9.000	-9.000	-999.	293.	847.3	0.99	2.27	0.26	1.50	67.	10.	272.0	2.	0	-9.00	999.	1013.	10			
04	01	01	10	15.0	0.207	0.305	0.005	68.	217.	-53.0	0.99	2.27	0.17	1.00	71.	10.	272.0	2.	0	-9.00	999.	1013.	10			
04	01	01	11	26.8	0.295	0.521	0.005	190.	368.	-86.3	0.99	2.27	0.13	1.50	94.	10.	272.5	2.	0	-9.00	999.	1013.	10			
04	01	01	12	32.3	0.142	0.671	0.005	338.	138.	-8.0	0.99	2.27	0.12	0.50	176.	10.	273.1	2.	0	-9.00	999.	1013.	10			
04	01	01	13	31.3	0.298	0.747	0.005	481.	374.	-76.5	0.99	2.27	0.12	1.50	73.	10.	273.8	2.	0	-9.00	999.	1013.	10			
04	01	01	14	23.7	0.292	0.716	0.005	558.	363.	-94.6	0.99	2.27	0.14	1.50	69.	10.	273.8	2.	0	-9.00	999.	1013.	10			

```
 04 01 01 15   10.1  0.375  0.541  0.005  564.  528.   -470.0 0.99 2.27
0.19    2.10   72.  10.  273.1   2.  0  -9.00  999. 1013. 10
 04 01 01 16   -6.4  0.231 -9.000 -9.000 -999.  267.    173.2 0.99 2.27
0.32    1.50   94.  10.  273.1   2.  0  -9.00  999. 1013. 10
 04 01 01 17  -10.1  0.145 -9.000 -9.000 -999.  130.     27.3 0.99 2.27
1.00    1.50   91.  10.  273.1   2.  0  -9.00  999. 1013.  9
 04 01 01 18  -10.1  0.145 -9.000 -9.000 -999.  127.     27.3 0.99 2.27
1.00    1.50   67.  10.  273.1   2.  0  -9.00  999. 1013.  9
 04 01 01 19   -1.0  0.043 -9.000 -9.000 -999.   30.      7.3 0.99 2.27
1.00    0.50   74.  10.  273.1   2.  0  -9.00  999. 1013.  9
 04 01 01 20   -1.0  0.043 -9.000 -9.000 -999.   21.      7.3 0.99 2.27
1.00    0.50   47.  10.  273.8   2.  0  -9.00  999. 1013.  9
 04 01 01 21   -4.0  0.087 -9.000 -9.000 -999.   59.     14.5 0.99 2.27
1.00    1.00  160.  10.  273.1   2.  0  -9.00  999. 1013.  9
 04 01 01 22   -1.0  0.043 -9.000 -9.000 -999.   21.      7.3 0.99 2.27
1.00    0.50  202.  10.  273.1   2.  0  -9.00  999. 1013.  9
 04 01 01 23   -4.0  0.087 -9.000 -9.000 -999.   59.     14.5 0.99 2.27
1.00    1.00  110.  10.  273.1   2.  0  -9.00  999. 1013.  9
 04 01 01 24  -21.6  0.310 -9.000 -9.000 -999.  397.    124.6 0.99 2.27
1.00    2.10   70.  10.  272.5   2.  0  -9.00  999. 1013.  9


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 04 01 01 01   10.0 1    1.    1.00   271.5   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***        10:22:23
```

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	528000.00	528500.00	529000.00	529500.00	530000.00
530500.00	531000.00	531500.00	532000.00		
4425000.00	0.00190	0.00282	0.00360	0.00344	0.00271
0.00207	0.00209	0.00317	0.00584		
4424500.00	0.00133	0.00230	0.00367	0.00420	0.00375
0.00274	0.00217	0.00266	0.00516		
4424000.00	0.00086	0.00145	0.00279	0.00453	0.00508
0.00370	0.00262	0.00248	0.00400		
4423500.00	0.00057	0.00091	0.00165	0.00343	0.00756
0.00470	0.00357	0.00275	0.00328		
4423000.00	0.00046	0.00062	0.00100	0.00187	

0.00699	0.00540	0.00483	0.00364	0.00317	
4422500.00	|	0.00057	0.00054	0.00067	0.00109
0.00339	0.00437	0.00660	0.00565	0.00462	
4422000.00	|	0.00111	0.00080	0.00066	0.00075
0.00125	0.00227	0.01062	0.02261	0.01492	
4421500.00	|	0.00712	0.00208	0.00121	0.00089
0.00089	0.00129	0.00778	0.07318	0.01559	
4421000.00	|	0.05742	0.02743	0.00883	0.00248
0.00135	0.00110	0.00189	0.06361	0.01357	
4420500.00	|	0.12705	0.12850	0.09011	0.04287
0.00931	0.00222	0.00171	0.00545	0.00920	
4420000.00	|	0.08076	0.18947	0.20195	0.17982
0.10795	0.04671	0.03738	0.00980	0.00253	
4419500.00	|	0.03412	0.11935	0.17500	0.22752
0.26608	0.27459	0.22865	0.17293	0.09624	
4419000.00	|	0.01059	0.04043	0.07049	0.12025
0.17490	0.23801	0.30215	0.38891	0.02440	
4418500.00	|	0.06291	0.13565	0.16529	0.16650
0.22849	0.25399	0.29908	0.01344	0.01232	
4418000.00	|	0.18304	0.43687	0.52201	0.55229
0.59521	0.65927	0.74533	0.05752	0.02688	
4417500.00	|	0.44878	0.62869	0.71307	0.76898
0.78363	0.88600	0.21242	0.05721	0.03945	
4417000.00	|	0.16505	0.29771	0.38138	0.44140
0.53695	0.69588	0.05878	0.03145	0.04607	
4416500.00	|	0.04535	0.08360	0.13585	0.27442
0.57346	1.02150	0.13856	0.06161	0.05012	
4416000.00	|	0.12580	0.12947	0.18143	0.26443
0.69948	1.81093	0.52748	0.06107	0.04781	
4415500.00	|	0.18012	0.05444	0.30097	0.46004
1.48764	1.56490	0.10727	0.04230	0.04588	
4415000.00	|	0.07784	0.19504	0.18623	0.27971

```
0.45361      0.73980      0.10201      0.06548      0.05963
  4414500.00 |       0.07827      0.02782      0.02401      0.02580
0.29896      0.84095      0.23318      0.06892      0.04765
  4414000.00 |       0.02055      0.01189      0.01424      0.07632
0.67976      1.51467      0.24589      0.05973      0.02285
  4413500.00 |       0.00973      0.01370      0.03416      0.09315
1.64530      1.07028      0.06853      0.02483      0.00799
  4413000.00 |       0.01512      0.02325      0.04701      0.12708
1.66547      0.14270      0.01917      0.00756      0.00445
  4412500.00 |       0.02253      0.06291      0.07699      1.30566
0.62341      0.02390      0.00727      0.00363      0.00446
  4412000.00 |       0.03320      0.22656      0.25847      0.86845
0.04594      0.00678      0.00329      0.00281      0.00639
  4411500.00 |       0.03946      0.34957      0.35825      0.11189
0.00743      0.00318      0.00228      0.00352      0.01348
  4411000.00 |       0.05007      0.20572      0.01981      0.00662
0.00331      0.00197      0.00233      0.00616      0.02119
  4410500.00 |       0.45501      0.03822      0.00653      0.00287
0.00182      0.00168      0.00307      0.01163      0.05350
  4410000.00 |       0.04111      0.00533      0.00280      0.00167
0.00136      0.00194      0.00503      0.02049      0.06019
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***         10/27/11
                                   ***
                                   ***        10:22:23

                                                PAGE  18
 **MODELOPTs:  RegDFAULT CONC                DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT
```

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	532500.00	533000.00	533500.00	534000.00	534500.00
535000.00	535500.00	536000.00	536500.00		
4425000.00	0.00637	0.00649	0.00473	0.00429	0.01228
0.02702	0.19923	0.16219	0.07638		
4424500.00	0.00773	0.00734	0.00666	0.00498	0.01667
0.04784	0.10906	0.16715	0.09461		
4424000.00	0.00860	0.00828	0.00840	0.00597	0.03179
0.25515	0.23818	0.13597	0.13065		
4423500.00	0.00773	0.01024	0.01415	0.01732	0.03271
0.28549	0.37983	0.15226	0.18472		
4423000.00	0.00572	0.01405	0.01858	0.03629	0.04363
0.32103	0.38740	0.17949	0.27935		
4422500.00	0.00427	0.01991	0.06403	0.02693	0.05309
0.35859	0.40913	0.21444	0.45785		
4422000.00	0.00425	0.01535	0.40317	0.24970	0.11785
0.41764	0.45304	0.17970	0.68652		
4421500.00	0.00798	0.00936	0.33636	0.40405	

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0.14878      0.43777      0.52553      0.24745      0.39701
  4421000.00 |       0.08700      0.20541      0.23009      0.49663
0.24685      0.15912      0.61550      0.68335      1.21455
  4420500.00 |       0.02412      0.59131      0.24376      0.52692
0.33198      0.08537      0.87244      1.07659      1.10194
  4420000.00 |       0.16179      0.60801      0.63982      0.46704
0.09958      0.15045      0.13879      1.68275      0.85142
  4419500.00 |       0.06057      0.14012      0.07356      0.51000
0.10183      0.08477      0.12881      2.25609      0.84579
  4419000.00 |       0.07000      0.00840      0.01097      0.11850
0.05312      0.14451      0.96687      2.22265      1.82348
  4418500.00 |       0.01705      0.01701      0.01834      0.02667
0.24435      2.29269      6.62730      3.97808      2.87759
  4418000.00 |       0.02676      0.02682      0.03873      0.08909
0.47113    114.75272     16.59073      6.35894      2.76535
  4417500.00 |       0.03214      0.03931      0.07450      0.14884
0.56239      9.11179     28.35226      6.58492      2.10636
  4417000.00 |       0.05071      0.05751      0.09582      0.35614
0.51547      2.77917     16.70536      1.76031      1.10859
  4416500.00 |       0.05124      0.07196      0.13286      0.27192
6.91940      7.76056      2.73152      0.77260      0.34610
  4416000.00 |       0.05515      0.09442      0.13256      0.48117
3.73176      3.39461      1.67631      0.68238      0.43646
  4415500.00 |       0.05758      0.07246      0.08302      0.47591
3.22281      1.59494      0.90721      0.74786      0.28180
  4415000.00 |       0.05136      0.04585      0.03489      0.36926
1.84030      0.94933      0.69153      0.54776      0.26123
  4414500.00 |       0.03053      0.01554      0.06391      0.56428
0.31244      0.65120      0.56461      0.37262      0.33836
  4414000.00 |       0.00970      0.01216      0.05030      0.37987
0.16093      0.50608      0.48428      0.24788      0.30456
  4413500.00 |       0.00590      0.01862      0.06184      0.28595
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0.25735      0.42303      0.42676      0.16729      0.28341
  4413000.00 |       0.00836      0.04020      0.11157      0.09530
0.07004      0.38421      0.38445      0.00543      0.21717
  4412500.00 |       0.01823      0.08770      0.23482      0.10589
0.04477      0.31545      0.33874      0.11711      0.15275
  4412000.00 |       0.03009      0.13575      0.38841      0.17809
0.07749      0.30785      0.30000      0.03156      0.10747
  4411500.00 |       0.06960      0.16311      0.34234      0.01754
0.00872      0.08933      0.32308      0.03689      0.06853
  4411000.00 |       0.13522      0.15105      0.05739      0.00691
0.00699      0.05207      0.01373      0.02447      0.00401
  4410500.00 |       0.05180      0.06302      0.01594      0.00442
0.00818      0.02559      0.04143      0.03043      0.00391
  4410000.00 |       0.06655      0.02555      0.00859      0.00370
0.00655      0.01239      0.02836      0.02779      0.00406
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***        10:22:23

                                               PAGE  19
 **MODELOPTs:  RegDFAULT CONC                 DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: ESER     ***
                                  INCLUDING SOURCE(S):      AREA    ,

                                   *** NETWORK ID: CALISMA  ;  NETWORK
TYPE: GRIDCART ***
```

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

Y-COORD (METERS)	X-COORD (METERS)				
	537000.00	537500.00	538000.00	538500.00	539000.00
539500.00	540000.00	540500.00	541000.00		
4425000.00	0.16391	0.07239	0.32852	0.31413	0.12354
0.01511	0.00280	0.00139	0.00119		
4424500.00	0.23121	0.45074	0.08031	0.16330	0.02683
0.00480	0.00188	0.00138	0.00176		
4424000.00	0.32829	0.48702	0.05715	0.03835	0.00755
0.00264	0.00164	0.00195	0.00332		
4423500.00	0.44305	0.61300	0.03789	0.01096	0.00399
0.00207	0.00204	0.00416	0.01354		
4423000.00	0.58979	0.56357	0.02734	0.00739	0.00288
0.00251	0.00583	0.02549	0.05008		
4422500.00	0.81364	0.33429	0.03479	0.00527	0.00336
0.01076	0.05352	0.11691	0.08981		
4422000.00	0.27603	0.26405	0.02129	0.00705	0.02548
0.13009	0.28559	0.32636	0.20417		
4421500.00	0.48173	0.15751	0.01970	0.12168	0.37397
0.60899	0.64204	0.42277	0.09914		
4421000.00	0.54152	0.12672	0.19277	0.41208	0.59462
0.65545	0.28906	0.08055	0.01753		
4420500.00	0.33925	0.25704	0.63836	0.94653	0.32934
0.30622	0.08533	0.01902	0.01378		
4420000.00	0.40111	0.85782	1.09001	0.81655	

0.18151	0.04284	0.04331	0.02835	0.02097	
4419500.00		1.18683	1.42025	0.12155	0.11170
0.06956	0.03724	0.05069	0.03877	0.02252	
4419000.00		1.81587	1.14211	0.10443	0.06341
0.06619	0.04447	0.03402	0.02509	0.01795	
4418500.00		2.34103	1.12166	0.18690	0.11218
0.07797	0.02886	0.01858	0.01241	0.00893	
4418000.00		1.86053	0.50154	0.26774	0.05993
0.05672	0.02240	0.01613	0.01383	0.01143	
4417500.00		1.19356	0.18900	0.09176	0.03231
0.04678	0.02826	0.02017	0.01732	0.01415	
4417000.00		0.36983	0.05882	0.04659	0.02269
0.02082	0.01566	0.01170	0.01117	0.00995	
4416500.00		0.09164	0.02706	0.02180	0.01354
0.00887	0.00741	0.00574	0.00568	0.00505	
4416000.00		0.03059	0.00865	0.01201	0.01359
0.00959	0.00915	0.00684	0.00578	0.00563	
4415500.00		0.07642	0.01429	0.00367	0.00373
0.00473	0.00695	0.00830	0.00826	0.00979	
4415000.00		0.20991	0.13398	0.01488	0.00209
0.00172	0.00250	0.00431	0.00673	0.00918	
4414500.00		0.10088	0.18315	0.09241	0.00676
0.00159	0.00103	0.00130	0.00239	0.00386	
4414000.00		0.02326	0.01093	0.07770	0.04805
0.00715	0.00142	0.00074	0.00084	0.00113	
4413500.00		0.05547	0.00718	0.03323	0.05408
0.03076	0.00665	0.00139	0.00060	0.00055	
4413000.00		0.07848	0.02867	0.00656	0.02504
0.05546	0.03584	0.00987	0.00140	0.00053	
4412500.00		0.19772	0.11527	0.00994	0.02209
0.08755	0.07218	0.05040	0.00403	0.00103	
4412000.00		0.17289	0.13483	0.05364	0.02238

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0.04335      0.07786      0.06130      0.02163      0.00526
  4411500.00 |       0.13961      0.13698      0.07605      0.02669
0.02025      0.04928      0.07196      0.02868      0.00994
  4411000.00 |       0.11585      0.12866      0.09238      0.03833
0.01754      0.02722      0.05509      0.06074      0.05216
  4410500.00 |       0.09103      0.11848      0.10061      0.05385
0.02008      0.01568      0.02949      0.04532      0.04794
  4410000.00 |       0.06368      0.08814      0.10808      0.07582
0.02883      0.01293      0.01660      0.03098      0.04244
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/27/11
                                  ***
                                  ***        10:22:23

                                              PAGE  20
 **MODELOPTs:  RegDFAULT CONC                DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: ESER     ***
                                 INCLUDING SOURCE(S):      AREA    ,

                                  *** NETWORK ID: CALISMA  ;  NETWORK
TYPE: GRIDCART ***

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

    Y-COORD  |                                              X-COORD
(METERS)
```

outputfile1

(METERS)	541500.00	542000.00	542500.00	543000.00
4425000.00	0.00158	0.00241	0.00470	0.00867
4424500.00	0.00269	0.00618	0.01115	0.01645
4424000.00	0.00840	0.01486	0.02297	0.02605
4423500.00	0.02420	0.02993	0.02559	0.04250
4423000.00	0.05451	0.06377	0.06429	0.02026
4422500.00	0.10746	0.08426	0.02503	0.04504
4422000.00	0.15559	0.02232	0.00740	0.00439
4421500.00	0.01998	0.00705	0.00565	0.00509
4421000.00	0.00782	0.00689	0.00682	0.00724
4420500.00	0.01064	0.00933	0.00955	0.00967
4420000.00	0.01543	0.01145	0.01158	0.01023
4419500.00	0.01352	0.01234	0.01041	0.00815
4419000.00	0.01077	0.00702	0.00551	0.00447
4418500.00	0.00659	0.00518	0.00481	0.00436
4418000.00	0.00859	0.00774	0.00710	0.00686
4417500.00	0.01179	0.01094	0.01026	0.01032
4417000.00	0.01084	0.00933	0.00995	0.00894
4416500.00	0.00507	0.00531	0.00527	0.00506
4416000.00	0.00408	0.00379	0.00253	0.00230
4415500.00	0.00753	0.00414	0.00319	0.00259
4415000.00	0.00743	0.00575	0.00479	0.00404
4414500.00	0.00377	0.00448	0.00517	0.00451
4414000.00	0.00177	0.00250	0.00364	0.00430
4413500.00	0.00071	0.00100	0.00155	0.00219
4413000.00	0.00041	0.00048	0.00065	0.00094
4412500.00	0.00049	0.00034	0.00036	0.00047
4412000.00	0.00204	0.00045	0.00029	0.00029
4411500.00	0.01165	0.00112	0.00045	0.00029

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  4411000.00 |       0.03221      0.00534      0.00186      0.00058
  4410500.00 |       0.04523      0.02399      0.01023      0.00348
  4410000.00 |       0.04483      0.03995      0.02413      0.01287
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***        10:22:23

                                               PAGE  21
 **MODELOPTs:  RegDFAULT CONC                 DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: ESER     ***
                                INCLUDING SOURCE(S):      AREA    ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         537268.00    4419321.00        1.57491
533288.00    4420664.00        0.26565
         530873.00    4418253.00        0.45134
532253.00    4419045.00        0.05668
```

534268.00 4421987.00 0.11890
536366.00 4419557.00 1.06256
534987.00 4418091.00 31.80347
530614.00 4415312.00 1.16734
538946.00 4413223.00 0.05614
541693.00 4411996.00 0.00099

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 10:22:23

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE ANNUAL DRY DEPOSITION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

** DEPO OF PM10 IN
GRAMS/M**2/YR **

| X-COORD
Y-COORD | (METERS)
(METERS) | 528000.00 528500.00 529000.00 529500.00
530000.00 530500.00 531000.00 531500.00 532000.00
- -

4425000.00	0.00074	0.00097	0.00114	0.00116	0.00101
4424500.00	0.00088	0.00097	0.00146	0.00242	0.00127
4424000.00	0.00056	0.00083	0.00113	0.00130	0.00148
4423500.00	0.00106	0.00099	0.00128	0.00218	0.00162
4423000.00	0.00039	0.00062	0.00096	0.00130	0.00140
4422500.00	0.00134	0.00112	0.00119	0.00185	0.00093
4422000.00	0.00028	0.00043	0.00070	0.00110	0.00058
4421500.00	0.00159	0.00141	0.00126	0.00160	0.00064
4421000.00	0.00024	0.00031	0.00047	0.00078	0.00046
4420500.00	0.00167	0.00175	0.00153	0.00152	0.00064
4420000.00	0.00029	0.00028	0.00034	0.00052	0.00161
4419500.00	0.00143	0.00196	0.00200	0.00176	0.00100
4419000.00	0.00048	0.00038	0.00035	0.00039	0.00656
4418500.00	0.00098	0.00197	0.00306	0.00270	0.00398
4418000.00	0.00109	0.00072	0.00054	0.00045	0.00771
	0.00356	0.00228	0.00133	0.00085	0.01193
	0.00649	0.00645	0.00511	0.00320	0.01256
	0.00489	0.00833	0.00907	0.00886	0.01011
	0.00278	0.00575	0.00758	0.00929	0.00979
	0.00178	0.00291	0.00400	0.00568	0.01112
	0.00453	0.00669	0.00712	0.00745	0.02164
	0.01071	0.01866	0.01969	0.01981	0.02453
	0.00136	0.00483	0.00312		0.00058
	0.00077	0.00356	0.00281		0.00098
	0.00083	0.00108	0.00190		0.00100
	0.00292	0.00164	0.00128		0.00398
	0.00986	0.00822	0.00570		0.01256
	0.01277	0.01691	0.00587		0.01011
	0.01328	0.00467	0.00557		0.01112
	0.03147	0.01094	0.00992		0.02453

4417500.00	0.02050	0.02552	0.02714	0.02794	0.02857
4417000.00	0.03315	0.01933	0.01402	0.01378	0.00999
4416500.00	0.01490	0.01785	0.01946	0.02348	0.03128
4416000.00	0.01452	0.01602	0.02411	0.00542	0.00776
4415500.00	0.01129	0.01888	0.03144	0.04757	0.02830
4415000.00	0.02799	0.03133	0.01190	0.01443	0.01950
4414500.00	0.02670	0.04823	0.07719	0.05248	0.03032
4414000.00	0.03480	0.01909	0.01537	0.02978	0.03872
4413500.00	0.07532	0.07122	0.02843	0.02899	0.04049
4413000.00	0.01672	0.02342	0.02346	0.02719	0.03378
4412500.00	0.04190	0.02940	0.03995	0.04871	0.01473
4412000.00	0.01097	0.01056	0.01175	0.02592	0.05162
4411500.00	0.04424	0.04354	0.03884	0.00805	0.00722
4411000.00	0.00933	0.01676	0.04649	0.08491	0.04698
4410500.00	0.03440	0.02025	0.00635	0.00892	0.01457
4410000.00	0.02370	0.07958	0.07146	0.02904	0.01755

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
*** 10:22:23

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE ANNUAL DRY DEPOSITION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

** DEPO OF PM10 IN
GRAMS/M**2/YR **

Y-COORD (METERS)	X-COORD (METERS)									
	532500.00	533000.00	533500.00	534000.00	534500.00	535000.00	535500.00	536000.00	536500.00	
4425000.00	0.00304	0.00323	0.00261	0.00289	0.00594	0.01015	0.01458	0.01032	0.00884	
4424500.00	0.00320	0.00357	0.00319	0.00314	0.00629	0.01162	0.01315	0.01154	0.01074	

4424000.00	0.00322	0.00386	0.00382	0.00347	0.00696
4423500.00	0.00294	0.00420	0.00473	0.00431	0.00738
4423000.00	0.00246	0.00455	0.00554	0.00556	0.00821
4422500.00	0.00209	0.00469	0.00813	0.00626	0.00919
4422000.00	0.00207	0.00390	0.01897	0.01496	0.01250
4421500.00	0.00268	0.00314	0.01780	0.01950	0.01527
4421000.00	0.00678	0.00931	0.01228	0.02502	0.02009
4420500.00	0.00397	0.02262	0.01315	0.02749	0.02649
4420000.00	0.00756	0.02332	0.02455	0.02509	0.02327
4419500.00	0.00433	0.00842	0.00949	0.02973	0.02887
4419000.00	0.00815	0.00444	0.00541	0.01667	0.02948
4418500.00	0.00729	0.00851	0.01024	0.01472	0.04621
4418000.00	0.01173	0.01453	0.02212	0.04472	0.15216
4417500.00	0.01793	0.02629	0.05131	0.11427	0.45498
4417000.00	0.03284	0.04504	0.08431	0.25198	0.48701
4416500.00	0.03992	0.06528	0.12284	0.21950	0.72808

23.25186	2.17137	0.60402	0.28104	4.69018	4.58583
0.62464	0.23770	2.09733	3.63770	0.27850	0.11864	0.94874	0.45910
0.14099	0.04956				

```
  4416000.00 |       0.05000      0.08376      0.11483      0.17456
0.36041      0.39129      0.18426      0.10770      0.04865
  4415500.00 |       0.05594      0.06889      0.07078      0.11189
0.25056      0.18191      0.10583      0.09138      0.04040
  4415000.00 |       0.04809      0.04077      0.03889      0.10986
0.19360      0.09744      0.06816      0.05703      0.03547
  4414500.00 |       0.02746      0.01862      0.04404      0.11500
0.09152      0.06173      0.04874      0.03862      0.03373
  4414000.00 |       0.01093      0.01662      0.05074      0.09502
0.05242      0.04415      0.03717      0.02627      0.03563
  4413500.00 |       0.00781      0.02307      0.05640      0.07122
0.03759      0.03306      0.02954      0.01940      0.02905
  4413000.00 |       0.01109      0.03344      0.05836      0.04623
0.02123      0.02591      0.02389      0.00799      0.01867
  4412500.00 |       0.01741      0.04046      0.05449      0.03205
0.01460      0.02258      0.01973      0.01213      0.01439
  4412000.00 |       0.02326      0.04264      0.04921      0.02475
0.01309      0.01875      0.01680      0.00662      0.01097
  4411500.00 |       0.02859      0.04064      0.03854      0.01348
0.00754      0.01195      0.01679      0.00591      0.00795
  4411000.00 |       0.03194      0.03552      0.02235      0.00880
0.00626      0.00961      0.00736      0.00480      0.00420
  4410500.00 |       0.02877      0.02757      0.01498      0.00612
0.00560      0.00787      0.00777      0.00463      0.00330
  4410000.00 |       0.02718      0.02075      0.01013      0.00481
0.00495      0.00666      0.00667      0.00425      0.00277
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/27/11
                                  ***
                                  ***        10:22:23

                                              PAGE  24
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**MODELOPTs: RegDFAULT CONC DDEP ELEV DRYDPLT WETDPLT

*** THE ANNUAL DRY DEPOSITION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

** DEPO OF PM10 IN GRAMS/M**2/YR **

Y-COORD (METERS)	X-COORD (METERS)				
	537000.00	537500.00	538000.00	538500.00	539000.00
539500.00	540000.00	540500.00	541000.00		
4425000.00	0.01419	0.01845	0.02814	0.02199	0.01219
0.00494	0.00222	0.00120	0.00098		
4424500.00	0.01860	0.02810	0.02196	0.01829	0.00782
0.00339	0.00165	0.00117	0.00137		
4424000.00	0.02428	0.03075	0.02102	0.01246	0.00537
0.00238	0.00143	0.00154	0.00233		
4423500.00	0.03119	0.03915	0.01879	0.00895	0.00372
0.00189	0.00172	0.00270	0.00479		
4423000.00	0.03872	0.04120	0.01556	0.00635	0.00274
0.00211	0.00318	0.00600	0.00901		

4422500.00	0.05063	0.03419	0.01211	0.00453	0.00278
4422000.00	0.04520	0.02812	0.00852	0.00427	0.00524
4421500.00	0.05076	0.01979	0.00743	0.00999	0.01972
4421000.00	0.04327	0.01744	0.01541	0.02555	0.03538
4420500.00	0.03522	0.02243	0.03294	0.04864	0.03084
4420000.00	0.03908	0.04852	0.06246	0.05096	0.02434
4419500.00	0.07647	0.07349	0.03656	0.02835	0.02154
4419000.00	0.11636	0.09053	0.04028	0.03001	0.02595
4418500.00	0.15550	0.09392	0.04635	0.03431	0.02587
4418000.00	0.14650	0.07891	0.05016	0.02968	0.02207
4417500.00	0.12163	0.05497	0.03644	0.02457	0.02130
4417000.00	0.06322	0.03514	0.02539	0.01735	0.01436
4416500.00	0.02546	0.01843	0.01508	0.01111	0.00830
4416000.00	0.01613	0.00822	0.00869	0.00915	0.00789
4415500.00	0.02339	0.00936	0.00403	0.00373	0.00449
4415000.00	0.02315	0.01687	0.00642	0.00251	0.00192

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  4414500.00 |       0.01814      0.01696      0.01164      0.00464
0.00186      0.00119      0.00135      0.00186      0.00246
  4414000.00 |       0.01678      0.00903      0.01123      0.00807
0.00361      0.00151      0.00087      0.00086      0.00109
  4413500.00 |       0.01955      0.00811      0.00761      0.00857
0.00606      0.00291      0.00128      0.00069      0.00059
  4413000.00 |       0.01981      0.01002      0.00516      0.00633
0.00716      0.00507      0.00250      0.00112      0.00060
  4412500.00 |       0.01606      0.01232      0.00550      0.00465
0.00695      0.00647      0.00454      0.00202      0.00097
  4412000.00 |       0.01398      0.01185      0.00743      0.00482
0.00459      0.00607      0.00541      0.00337      0.00177
  4411500.00 |       0.01174      0.01151      0.00808      0.00499
0.00370      0.00421      0.00512      0.00406      0.00268
  4411000.00 |       0.00951      0.01056      0.00850      0.00543
0.00366      0.00338      0.00422      0.00449      0.00394
  4410500.00 |       0.00766      0.00929      0.00837      0.00594
0.00380      0.00294      0.00304      0.00336      0.00330
  4410000.00 |       0.00596      0.00953      0.00957      0.00722
0.00412      0.00284      0.00252      0.00279      0.00301
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/27/11
                                  ***
                                  ***        10:22:23

                                              PAGE  25
 **MODELOPTs:  RegDFAULT CONC                DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

                    *** THE ANNUAL     DRY DEPOSITION       VALUES
```

AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ESER *** INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

** DEPO OF PM10 IN GRAMS/M**2/YR **

Y-COORD (METERS)	X-COORD (METERS) 541500.00	542000.00	542500.00	543000.00
4425000.00	0.00123	0.00180	0.00291	0.00427
4424500.00	0.00202	0.00339	0.00494	0.00617
4424000.00	0.00397	0.00578	0.00720	0.00762
4423500.00	0.00701	0.00839	0.00840	0.00829
4423000.00	0.01040	0.01060	0.00949	0.00659
4422500.00	0.01300	0.01062	0.00690	0.00581
4422000.00	0.01330	0.00698	0.00472	0.00355
4421500.00	0.00714	0.00505	0.00438	0.00432
4421000.00	0.00593	0.00561	0.00591	0.00632
4420500.00	0.00801	0.00813	0.00832	0.00827
4420000.00	0.01115	0.01021	0.00956	0.00856
4419500.00	0.01136	0.00980	0.00826	0.00682
4419000.00	0.00881	0.00684	0.00551	0.00452
4418500.00	0.00635	0.00524	0.00458	0.00405
4418000.00	0.00722	0.00641	0.00578	0.00533
4417500.00	0.00858	0.00774	0.00704	0.00657
4417000.00	0.00708	0.00629	0.00606	0.00553

4416500.00	0.00388	0.00372	0.00352	0.00333
4416000.00	0.00310	0.00267	0.00221	0.00199
4415500.00	0.00411	0.00311	0.00254	0.00212
4415000.00	0.00419	0.00372	0.00324	0.00279
4414500.00	0.00280	0.00308	0.00321	0.00300
4414000.00	0.00147	0.00187	0.00228	0.00253
4413500.00	0.00071	0.00092	0.00122	0.00155
4413000.00	0.00045	0.00050	0.00063	0.00081
4412500.00	0.00053	0.00038	0.00037	0.00045
4412000.00	0.00093	0.00048	0.00033	0.00030
4411500.00	0.00171	0.00080	0.00045	0.00031
4411000.00	0.00264	0.00139	0.00077	0.00045
4410500.00	0.00342	0.00234	0.00136	0.00081
4410000.00	0.00347	0.00293	0.00202	0.00133

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 10:22:23

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**MODELOPTs: RegDFAULT CONC DDEP
ELEV

DRYDPLT

WETDPLT

*** THE ANNUAL DRY DEPOSITION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** DISCRETE CARTESIAN
RECEPTOR POINTS ***

** DEPO OF PM10 IN GRAMS/M**2/YR **

X-COORD (M)	Y-COORD (M)	DEPO	X-COORD (M)	Y-COORD (M)	DEPO
537268.00	4419321.00	0.08499	533288.00	4420664.00	0.01199
530873.00	4418253.00	0.01817	532253.00	4419045.00	0.00739
534268.00	4421987.00	0.01037	536366.00	4419557.00	0.09949
534987.00	4418091.00	4.73956	530614.00	4415312.00	0.05911
538946.00	4413223.00	0.00735	541693.00	4411996.00	0.00072

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 10:22:23

**MODELOPTs: RegDFAULT CONC DDEP ELEV DRYDPLT WETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	528000.00	528500.00	529000.00
	529500.00	530000.00	
4425000.0	0.16283c(04011224)	0.27591c(04011224)	0.42922c(04011224)
	0.39630c(04011224)	0.25235c(04011224)	
4424500.0	0.13787c(04011224)	0.24279c(04011224)	0.37647c(04011224)
	0.45800c(04011224)	0.39264c(04011224)	
4424000.0	0.07797c(04011224)	0.14826c(04011224)	0.26808c(04011224)
	0.41578c(04011224)	0.48554c(04011224)	
4423500.0	0.03992c(04011224)	0.08121c(04011224)	0.16067c(04011224)
	0.29780c(04011224)	0.46071c(04011224)	
4423000.0	0.01893c(04011224)	0.04235c(04011224)	0.08492c(04011224)
	0.17440c(04011224)	0.48546c(04011224)	
4422500.0	0.02554 (04120624)	0.01879c(04011224)	0.04157c(04011224)
	0.09962c(04011224)	0.24859c(04011224)	
4422000.0	0.04519 (04120624)	0.03486 (04120624)	0.02432 (04120624)
	0.04154c(04011224)	0.10540c(04011224)	
4421500.0	0.40211 (04050424)	0.06316 (04012524)	0.04711 (04120624)
	0.03449 (04120624)	0.04172c(04011224)	
4421000.0	2.09345 (04031024)	1.08492 (04050424)	0.44326 (04050424)
	0.07581 (04012524)	0.04869 (04120624)	
4420500.0	5.34951 (04031024)	5.66863 (04031024)	

3.66436 (04031024) 1.45075 (04050424) 0.32336 (04050424)
 4420000.0 | 1.81839 (04031024) 6.25388 (04031024)
7.71369 (04031024) 7.45630 (04031024) 4.32489 (04031024)
 4419500.0 | 0.87220 (04042124) 2.85679 (04112324)
3.71319c(04031324) 6.39820 (04031024) 8.67053 (04031024)
 4419000.0 | 0.24138 (04012624) 1.18204c(04122724)
1.86857c(04122724) 2.65864 (04112324) 3.44715 (04112324)
 4418500.0 | 2.40561 (04012624) 5.13451 (04012624)
5.64901 (04012624) 5.41103 (04012624) 5.57092 (04012624)
 4418000.0 | 4.49010 (04012624) 11.01938 (04012624)
13.23577 (04012624) 13.95750 (04012624) 14.99604 (04012624)
 4417500.0 | 9.16627 (04012624) 13.26435 (04012624)
15.40738 (04012624) 16.89644 (04012624) 17.64878 (04012624)
 4417000.0 | 3.18328 (04012624) 5.97772 (04012624)
7.77104 (04042024) 8.90161 (04042024) 9.46393 (04012624)
 4416500.0 | 1.06621 (04042024) 1.48677 (04042024)
1.42794 (04030224) 3.35028 (04041324) 6.48757 (04030224)
 4416000.0 | 1.58927 (04041324) 1.33376 (04041324)
1.54217 (04011024) 2.00709 (04011024) 4.84032 (04030224)
 4415500.0 | 1.40778 (04011024) 0.66438 (04011924)
2.18787 (04011024) 2.95194 (04011024) 12.78676 (04020424)
 4415000.0 | 0.70511 (04011924) 1.31856 (04011024)
1.19188 (04011024) 1.99577 (04122224) 4.37608 (04020424)
 4414500.0 | 0.60555 (04011024) 0.32048 (04011024)
0.28701 (04011024) 0.23309c(04010324) 2.06520 (04102424)
 4414000.0 | 0.24483 (04011024) 0.13115c(04010324)
0.14665c(04010324) 0.47641 (04102324) 5.85275 (04111324)
 4413500.0 | 0.11030c(04010324) 0.16761 (04122224)
0.29497c(04122724) 0.61035 (04052224) 12.99457 (04111324)
 4413000.0 | 0.20516 (04122224) 0.29728 (04122224)
0.51806c(04122724) 0.85683c(04122724) 11.39332 (04031124)
 4412500.0 | 0.30029c(04122724) 0.55791c(04122724)

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0.70179c(04122724)      9.27053 (04031124)      4.13286 (04031124)
 4412000.0 |      0.47717c(04122724)      1.11295 (04111324)
1.28330 (04092724)      7.08368 (04031124)      0.43156 (04042324)
 4411500.0 |      0.50502c(04122724)      1.87990 (04102924)
2.19455 (04031124)      0.74780c(04042524)      0.15920 (04042324)
 4411000.0 |      0.50827c(04122724)      1.23258c(04042524)
0.27970c(04122724)      0.15464 (04042324)      0.07173 (04042324)
 4410500.0 |      3.53710 (04031124)      0.37473 (04042324)
0.15254 (04042324)      0.03898 (04042324)      0.01871 (04091424)
 4410000.0 |      0.37853 (04042324)      0.12454c(04122724)
0.04026 (04042324)      0.01899 (04091424)      0.01449 (04030124)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
                                  ***        10:22:23

                                              PAGE  28
 **MODELOPTs:  RegDFAULT CONC                DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

                               *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  ESER     ***
                                  INCLUDING SOURCE(S):      AREA    ,

                                   *** NETWORK ID: CALISMA  ;  NETWORK
TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	530500.00	531000.00	531500.00
532000.00	532500.00		
4425000.0	0.11400c(04011224)	0.06683 (04012724)	0.09658 (04012724)
0.12945 (04120724)	0.13687 (04012724)		
4424500.0	0.22256c(04011224)	0.09315c(04011224)	0.08585 (04012724)
0.13538 (04050924)	0.16896 (04101724)		
4424000.0	0.37840c(04011224)	0.18737c(04011224)	0.07973c(04011224)
0.11038 (04012724)	0.20368 (04050924)		
4423500.0	0.50875c(04011224)	0.35274c(04011224)	0.15385c(04011224)
0.09709 (04012724)	0.26049 (04050924)		
4423000.0	0.51073c(04011224)	0.52540c(04011224)	0.31677c(04011224)
0.12657c(04011224)	0.15161 (04050924)		
4422500.0	0.37543c(04011224)	0.56751c(04011224)	0.53221c(04011224)
0.42917c(04011224)	0.11153 (04012724)		
4422000.0	0.20834c(04011224)	0.64188c(04011224)	1.02030c(04011224)
0.86146c(04011224)	0.22171c(04011224)		
4421500.0	0.10790c(04011224)	0.31221c(04011224)	1.65129 (04111824)
1.13362c(04011224)	0.79327c(04011224)		
4421000.0	0.04169c(04011224)	0.11614c(04011224)	2.14029 (04112524)
0.88562c(04011224)	2.77954c(04120424)		
4420500.0	0.06811 (04120624)	0.04964 (04120624)	0.16350c(04122024)
0.40192c(04011224)	1.11847 (04111824)		
4420000.0	1.63431 (04012424)	1.69517 (04050424)	0.46670 (04050424)
0.12567c(04011224)	4.96353 (04112524)		
4419500.0	10.02753 (04031024)	8.71013 (04031024)	6.62396 (04031024)
3.29945 (04031024)	0.95111 (04012424)		
4419000.0	5.75009 (04031024)	8.76152 (04031024)	

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12.37698 (04031024)      0.97497 (04012524)      2.76832 (04012424)
 4418500.0 |       5.28958 (04012624)      4.88975 (04012624)
0.76252 (04122924)      0.36271 (04120624)      0.53423 (04120624)
 4418000.0 |      16.50965 (04012624)     18.70299 (04012624)
0.93123c(04011224)      0.63136c(04011224)      0.46535 (04012624)
 4417500.0 |      19.92791 (04012624)      3.79701 (04012624)
1.22468 (04010224)      3.62885 (04011924)      0.58146 (04012624)
 4417000.0 |      10.19959 (04012624)      0.86042 (04010224)
0.35680 (04011924)      0.59123 (04011924)      0.56721 (04011924)
 4416500.0 |       9.69603 (04030224)      1.05407 (04011024)
0.87594 (04011924)      0.59334 (04011924)      0.54508 (04011924)
 4416000.0 |      15.77560 (04020424)      3.47280 (04011024)
0.78994 (04011924)      0.40867 (04011924)      0.44372c(04122724)
 4415500.0 |      14.08970 (04020424)      0.76951 (04011024)
0.32282c(04010324)      0.46816c(04122724)      0.81564c(04122724)
 4415000.0 |       6.56195 (04020424)      0.56454 (04052224)
0.71221c(04122724)      0.80187c(04122724)      0.80245c(04122724)
 4414500.0 |       7.65265 (04111324)      1.22654 (04052224)
0.88391c(04122724)      0.74338c(04122724)      0.44315c(04122724)
 4414000.0 |      11.82170 (04111324)      1.41444c(04122724)
0.73729c(04122724)      0.29904c(04122724)      0.10486c(04122724)
 4413500.0 |       6.43509 (04111324)      0.70575c(04122724)
0.35019c(04122724)      0.09680c(04122724)      0.03968 (04111224)
 4413000.0 |       0.95275c(04122724)      0.30971c(04122724)
0.13329c(04122724)      0.03164 (04110724)      0.06586 (04101324)
 4412500.0 |       0.31929c(04122724)      0.13403c(04122724)
0.03223 (04121824)      0.03779 (04030124)      0.15851 (04052624)
 4412000.0 |       0.13263c(04122724)      0.03303 (04121824)
0.02685 (04030124)      0.05253 (04101324)      0.24548 (04052624)
 4411500.0 |       0.04371c(04122724)      0.02015 (04110724)
0.03637 (04030124)      0.12061 (04052624)      0.50338 (04073024)
 4411000.0 |       0.01887 (04110724)      0.02721 (04030124)
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0.05022 (04101324) 0.18453 (04052624) 1.07147 (04073024)
 4410500.0 | 0.01999 (04030124) 0.03480 (04030124)
0.10677 (04052624) 0.34598 (04102324) 0.43506 (04073024)
 4410000.0 | 0.02683 (04030124) 0.04273 (04111224)
0.17710 (04052624) 0.49179 (04073024) 0.51002 (04073024)
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/27/11
 ***
 *** 10:22:23

 **MODELOPTs: RegDFAULT CONC DDEP
  ELEV
  DRYDPLT
  WETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD
(METERS)
  (METERS) | 533000.00 533500.00
534000.00 534500.00 535000.00
 -
- -

```
 4425000.0 |      0.18806 (04022724)      0.10494 (04012124)
0.10448 (04011124)      0.29981 (04120324)      0.75170 (04120724)
 4424500.0 |      0.19850 (04022724)      0.25436 (04012124)
0.09641 (04011124)      0.41675 (04120524)      1.12855 (04021924)
 4424000.0 |      0.17177 (04012724)      0.28447 (04012124)
0.11513 (04012124)      1.45556 (04121224)     12.92818 (04021924)
 4423500.0 |      0.21258 (04101724)      0.46563 (04022724)
0.73683c(04120424)      1.52460 (04121224)     12.00133 (04021924)
 4423000.0 |      0.37774 (04101724)      0.58375 (04022724)
1.72333c(04120424)      2.10713 (04121224)     13.51064 (04021924)
 4422500.0 |      0.63136 (04011924)      2.36233 (04012724)
0.76122c(04120424)      2.24774 (04121224)     15.04835 (04021924)
 4422000.0 |      0.40190 (04111724)     22.21246 (04012724)
17.43229 (04040624)      3.25060 (04021924)     17.51206 (04021924)
 4421500.0 |      0.25757c(04011224)     11.53644 (04012724)
22.24185 (04012724)      4.74452 (04040624)     17.93952 (04021924)
 4421000.0 |      9.60129c(04120424)      6.51492 (04012724)
27.27266 (04012724)     11.90089 (04040624)      4.72374 (04021924)
 4420500.0 |     22.29996c(04120424)      6.96202c(04120424)
25.32283 (04012724)     20.75642 (04040624)      1.86702 (04012024)
 4420000.0 |     15.46089c(04122024)     22.62160c(04120424)
14.20979 (04012724)      2.12715 (04022724)      2.78604 (04021924)
 4419500.0 |      3.89149 (04112524)      2.32487 (04111824)
19.51279c(04120424)      2.11932 (04022724)      1.85358 (04120324)
 4419000.0 |      0.29515 (04012524)      0.66854c(04011224)
3.03132 (04111824)      0.99078c(04011224)      2.69364 (04012024)
 4418500.0 |      0.52849 (04120624)      0.56277 (04012524)
0.88748c(04011224)      4.55925 (04020324)     53.20602 (04011824)
 4418000.0 |      0.49269 (04012624)      0.54382 (04012624)
1.38198 (04010224)      6.80786 (04012424)    346.38875 (04012624)
 4417500.0 |      0.64137 (04012624)      0.72830 (04012624)
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1.20030 (04011924)      2.81467 (04010924)     22.13160 (04010124)
 4417000.0 |       0.59976 (04011924)      0.73319 (04011924)
1.89448 (04011924)      2.08711c(04122724)      8.62065 (04071624)
 4416500.0 |       0.54371 (04011924)      0.95849c(04122724)
1.78223c(04122724)     33.85263 (04111224)    116.32954 (04111124)
 4416000.0 |       0.91758c(04122724)      1.35393c(04122724)
2.37211c(04122724)     56.04748 (04111124)     57.24686 (04111124)
 4415500.0 |       0.97588c(04122724)      0.80341c(04122724)
4.41522 (04111224)     65.55002 (04111124)     20.14343 (04111124)
 4415000.0 |       0.55871c(04122724)      0.21454c(04122724)
2.62793 (04073024)     34.60476 (04111124)     17.08250 (04110824)
 4414500.0 |       0.16710 (04042324)      0.40905 (04052624)
5.03836 (04111124)      3.18423 (04111024)     14.53136 (04110824)
 4414000.0 |       0.08491 (04101324)      0.38718 (04071724)
2.75144 (04111124)      2.12724 (04111024)     12.44825 (04110824)
 4413500.0 |       0.14878 (04101324)      0.47303 (04071724)
2.54033 (04111024)      5.46819 (04111124)     10.92993 (04110824)
 4413000.0 |       0.31103 (04071624)      0.81979 (04073024)
0.59988 (04072624)      1.41126c(04020724)     10.18613 (04110824)
 4412500.0 |       0.66706 (04073024)      1.84265 (04111124)
1.40929 (04111024)      1.39895c(04020724)      7.99460 (04110824)
 4412000.0 |       1.10718 (04073024)      6.79023 (04111124)
5.00097 (04111024)      2.59868c(04020724)      8.18632 (04110824)
 4411500.0 |       1.29265 (04073024)      7.53922 (04111124)
0.12938 (04080624)      0.27639 (04082024)      1.98651 (04110824)
 4411000.0 |       1.22173 (04111124)      0.52586 (04111024)
0.05902 (04042124)      0.22104 (04082024)      1.06272 (04110824)
 4410500.0 |       0.39720 (04072624)      0.11811 (04081624)
0.05956 (04042124)      0.31711 (04082024)      0.40715 (04110824)
 4410000.0 |       0.21729 (04072624)      0.06544 (04020124)
0.05989 (04042124)      0.23830 (04082024)      0.20918 (04090524)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
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**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ESER *** INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	535500.00	536000.00	536500.00
	537000.00	537500.00	
4425000.0	5.85492 (04042424)	5.70302c(04120424)	1.35840c(04120424)
	3.97237c(04011224)	1.36611 (04012124)	
4424500.0	2.77280 (04042424)	5.02420c(04120424)	1.35516c(04011224)
	5.29499c(04011224)	8.08334 (04122624)	
4424000.0	6.66801 (04042424)	5.33129c(04120424)	

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2.46491c(04011224)      6.95452c(04011224)     10.07006 (04122624)
 4423500.0 |      10.36943 (04042424)       5.13493c(04120424)
3.84391c(04011224)      8.17214c(04011224)     13.36001 (04122624)
 4423000.0 |       8.97022 (04042424)       4.32308c(04120424)
5.93249c(04011224)     11.27150 (04122624)     12.91954 (04122624)
 4422500.0 |       9.22520c(04120424)       4.27001c(04120424)
9.66270c(04011224)     16.31134 (04122624)      7.55871 (04122624)
 4422000.0 |      10.25561c(04120424)       3.34231c(04120424)
13.41439c(04011224)      5.05629 (04122624)      7.29438 (04010224)
 4421500.0 |      11.95295c(04120424)       5.82192c(04011224)
6.99756 (04012124)     10.31560 (04122624)      4.81708 (04010224)
 4421000.0 |      13.71427c(04120424)      11.97945c(04011224)
24.79647 (04122624)     11.86821 (04010224)      2.16541 (04010224)
 4420500.0 |      19.06663c(04120424)      18.10868 (04122624)
22.75327 (04122624)      7.36622 (04010224)      4.98438c(04011224)
 4420000.0 |       1.79389 (04112824)      31.65094 (04122624)
16.59402 (04122624)      6.08522c(04011224)     19.55495c(04011224)
 4419500.0 |       1.45794 (04012024)      43.57028 (04122624)
10.04624 (04010224)     24.84700c(04011224)     29.55842c(04011224)
 4419000.0 |      11.18039 (04011424)      31.83288 (04122624)
33.58344c(04011224)     33.17923c(04011224)     15.63116c(04011224)
 4418500.0 |      79.31396 (04122624)      55.98057c(04011224)
38.64923c(04011224)     35.25955c(04122024)     19.57517c(04100124)
 4418000.0 |     161.78146c(04011224)      79.88562c(04122024)
34.49430c(04122024)     32.31315c(04122024)      5.48754c(04122024)
 4417500.0 |     247.91038 (04122124)      87.11071c(04122024)
26.45271c(04122024)     17.20071 (04022024)      2.34558 (04022024)
 4417000.0 |     154.93513 (04052524)      23.92796c(04072824)
14.19177 (04050624)      3.53740 (04082924)      1.01345 (04022024)
 4416500.0 |      57.85665 (04052524)      36.17811 (04122124)
12.84045c(04072824)      1.79844 (04022124)      0.49382 (04010524)
 4416000.0 |      34.96160 (04110824)      43.33547 (04052524)
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28.48275 (04122124)      0.73461 (04102424)      0.17897 (04022124)
 4415500.0 |     23.90992 (04110824)     38.13435 (04052524)
9.82827 (04122124)      2.03063 (04122124)      0.45722 (04112224)
 4415000.0 |     20.96304 (04110824)     17.51478 (04052424)
18.46463 (04052524)     10.91328 (04122124)      8.38142 (04122124)
 4414500.0 |     18.34526 (04110824)     12.84158 (04052424)
25.04215 (04052524)      3.21417 (04022524)     10.11089 (04122124)
 4414000.0 |     16.37785 (04110824)      7.54414 (04052424)
14.55114 (04052524)      0.53907 (04022224)      0.50844 (04112224)
 4413500.0 |     14.90103 (04110824)      3.51521 (04052424)
8.60301 (04052424)      2.12568 (04052524)      0.14767 (04112224)
 4413000.0 |     13.92871 (04110824)      0.10158c(04122724)
8.40232 (04052424)      3.40336 (04052524)      1.85579 (04052524)
 4412500.0 |     12.33414 (04110824)      2.71498 (04110824)
5.88950 (04052424)     10.07740 (04052524)     10.93589 (04052524)
 4412000.0 |     10.92277 (04110824)      1.09878 (04110824)
3.84881 (04052424)      5.86812 (04052424)     11.15833 (04052524)
 4411500.0 |     11.17873 (04110824)      1.39377 (04110824)
2.33527 (04052424)      5.31859 (04052424)      9.14789 (04052524)
 4411000.0 |      0.20303 (04090524)      0.71831 (04110824)
0.06803 (04032924)      4.76520 (04052424)      6.08963 (04052524)
 4410500.0 |      0.40833 (04101024)      0.93606 (04110824)
0.08962 (04043024)      3.80108 (04052424)      3.97643 (04052424)
 4410000.0 |      0.27209 (04052024)      0.72445 (04110824)
0.15722 (04043024)      2.61778 (04052424)      3.07282 (04052424)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***        10:22:23

                                              PAGE  31
 **MODELOPTs:  RegDFAULT CONC                DDEP
```

ELEV

DRYDPLT

WETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ESER *** INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	538000.00	538500.00	539000.00
4425000.0	7.19184 (04122624)	7.51605 (04122624)	4.26695 (04010224)
4424500.0	1.92614 (04122624)	4.48333 (04010224)	0.77173 (04010224)
4424000.0	1.27545 (04122624)	1.00752 (04122624)	0.17631 (04122624)
4423500.0	0.97402 (04122624)	0.27374 (04122624)	0.05556 (04010224)
4423000.0	0.64880 (04122624)	0.10241 (04122624)	0.03508 (04010224)
4422500.0	0.78227 (04122624)	0.06203 (04010224)	

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0.02995 (04020624)      0.25100 (04012724)      1.21846 (04012824)
 4422000.0 |       0.49811 (04010224)      0.19408 (04050824)
0.54022 (04012724)      3.14928c(04011224)      6.57543c(04011224)
 4421500.0 |       0.59424 (04050824)      2.85049c(04011224)
9.97977c(04011224)     14.04515c(04011224)     12.85543c(04011224)
 4421000.0 |       4.03724c(04011224)     10.60051c(04011224)
12.47287c(04011224)     12.81066c(04011224)      4.80605 (04122124)
 4420500.0 |      15.23509c(04011224)     20.00264c(04011224)
5.60680c(04011224)      5.02284 (04122124)      1.54091 (04011124)
 4420000.0 |      22.18167c(04011224)     15.57991c(04011224)
3.00634 (04011124)      0.87864 (04011124)      0.66334 (04120124)
 4419500.0 |       2.88248 (04011124)      1.98187 (04011124)
0.91835 (04120124)      0.45799 (04010424)      0.59233 (04120124)
 4419000.0 |       1.28245 (04011124)      0.74219 (04020824)
0.73107 (04020824)      0.55535 (04020824)      0.42600 (04020824)
 4418500.0 |       2.18127 (04120124)      1.17023 (04120124)
0.74779 (04050624)      0.29179 (04020824)      0.19223 (04060124)
 4418000.0 |       2.40123 (04022024)      0.48457 (04022024)
0.57301 (04122524)      0.25606 (04122524)      0.22949 (04122524)
 4417500.0 |       1.41106 (04022024)      0.52958 (04022024)
1.04880 (04022024)      0.45218 (04022024)      0.40030 (04022024)
 4417000.0 |       1.02949 (04022024)      0.51595 (04022024)
0.52028 (04022024)      0.51914 (04022024)      0.51685 (04022024)
 4416500.0 |       0.40586 (04111524)      0.35782 (04111524)
0.14893 (04021324)      0.15280 (04022024)      0.19324 (04022024)
 4416000.0 |       0.31410 (04022124)      0.32102 (04010524)
0.17244 (04111524)      0.17074 (04111524)      0.15229 (04111524)
 4415500.0 |       0.05884 (04022124)      0.07842 (04111524)
0.11928 (04122924)      0.22118 (04111524)      0.27039 (04111524)
 4415000.0 |       0.56226 (04102424)      0.04659 (04112224)
0.03453 (04122924)      0.06444 (04122924)      0.11563 (04111524)
 4414500.0 |       6.15525 (04122124)      0.24999 (04112224)
```

0.04409 (04112224) 0.01672 (04122924) 0.03486 (04122924)
4414000.0 | 3.54886 (04122124) 2.89471 (04122124)
0.30069 (04102424) 0.04517 (04112224) 0.00853 (04100224)
4413500.0 | 1.12023 (04042724) 2.51860 (04122124)
1.69383 (04122124) 0.31188 (04102424) 0.04563 (04112224)
4413000.0 | 0.24905 (04112224) 0.66879 (04113024)
3.23756 (04122124) 2.45707 (04122124) 0.85256c(04072824)
4412500.0 | 0.69721 (04053124) 1.20353 (04022524)
4.38094 (04122124) 5.28080 (04122124) 3.92980 (04122124)
4412000.0 | 4.17311 (04052524) 0.72782 (04053124)
2.50686 (04022524) 4.38486c(04072824) 4.84740 (04122124)
4411500.0 | 6.86630 (04052524) 1.31102 (04052524)
0.86113 (04022524) 2.29881 (04022524) 4.55951c(04072824)
4411000.0 | 8.19703 (04052524) 2.95860 (04052524)
0.59748 (04053124) 1.24364 (04022524) 2.74630 (04022524)
4410500.0 | 7.95833 (04052524) 4.86020 (04052524)
1.02890 (04052524) 0.47940 (04022524) 1.42760 (04022524)
4410000.0 | 7.67622 (04052524) 7.43999 (04052524)
2.20061 (04052524) 0.50096 (04053124) 0.68491 (04022524)

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
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***
*** 10:22:23

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**MODELOPTs: RegDFAULT CONC DDEP
ELEV

DRYDPLT

WETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ESER ***

INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	540500.00	541000.00	541500.00
542000.00	542500.00		
4425000.0	0.01639 (04010224)	0.01176c(04121924)	0.02087c(04011224)
0.03765c(04011224)	0.08884 (04020624)		
4424500.0	0.01178 (04123124)	0.02136c(04011224)	0.03959c(04011224)
0.11418 (04020624)	0.21516 (04012824)		
4424000.0	0.02174c(04011224)	0.05229 (04020624)	0.18557 (04012724)
0.33070 (04012824)	0.55433 (04012824)		
4423500.0	0.06645 (04020624)	0.35252 (04012724)	0.62656 (04012824)
0.72632 (04012824)	0.67734 (04011124)		
4423000.0	0.62319 (04012824)	1.26931 (04012824)	1.26728 (04012824)
1.75441 (04011124)	1.76788 (04011124)		
4422500.0	2.40450 (04012824)	2.04689 (04011124)	2.36009 (04011124)
1.95431 (04011124)	0.90084 (04011124)		
4422000.0	6.39036c(04011224)	3.41089 (04011124)	2.48231 (04011124)
0.81345 (04011124)	0.26188 (04011124)		
4421500.0	7.69395 (04122124)	1.98593 (04011124)	0.68995 (04011124)
0.19748 (04011124)	0.14577 (04010424)		
4421000.0	1.72479 (04011124)	0.61318 (04011124)	

0.17351 (04010424) 0.20086 (04010424) 0.13602 (04010424)
 4420500.0 | 0.42563 (04011124) 0.28007 (04010424)
0.27036 (04010424) 0.17371 (04010424) 0.17828 (04010424)
 4420000.0 | 0.41308 (04010424) 0.35194 (04010424)
0.31522 (04010424) 0.18861 (04010424) 0.16843 (04010424)
 4419500.0 | 0.46107 (04020824) 0.30270 (04020824)
0.16762 (04010424) 0.18099 (04010424) 0.13495 (04010424)
 4419000.0 | 0.29712 (04020824) 0.19025 (04060124)
0.12702 (04060124) 0.07275 (04060124) 0.04786 (04060124)
 4418500.0 | 0.12690 (04060124) 0.09575 (04102024)
0.09062 (04122924) 0.05962 (04102024) 0.06295 (04102024)
 4418000.0 | 0.22407 (04122524) 0.21774 (04122524)
0.10934 (04122524) 0.10778 (04122524) 0.10616 (04122524)
 4417500.0 | 0.36040 (04022024) 0.32363 (04022024)
0.29030 (04022024) 0.26036 (04022024) 0.23371 (04022024)
 4417000.0 | 0.51135 (04022024) 0.50236 (04022024)
0.48984 (04022024) 0.47417 (04022024) 0.45602 (04022024)
 4416500.0 | 0.23038 (04022024) 0.26343 (04022024)
0.29223 (04022024) 0.31673 (04022024) 0.33701 (04022024)
 4416000.0 | 0.13149 (04081124) 0.18772 (04111524)
0.13571 (04081124) 0.11760 (04081124) 0.07665 (04022024)
 4415500.0 | 0.28831 (04111524) 0.27943 (04111524)
0.24959 (04111524) 0.10945 (04111524) 0.08947 (04081124)
 4415000.0 | 0.19891 (04022124) 0.26858 (04010524)
0.24496 (04111524) 0.13103 (04010524) 0.12526 (04111524)
 4414500.0 | 0.05890 (04122924) 0.10056 (04022124)
0.10470 (04122924) 0.11955 (04010524) 0.14898 (04010524)
 4414000.0 | 0.01933 (04122924) 0.03455 (04122924)
0.05321 (04122924) 0.07361 (04111524) 0.10928 (04111524)
 4413500.0 | 0.00887 (04040324) 0.01019 (04122924)
0.02046 (04122924) 0.03371 (04122924) 0.04904 (04122924)
 4413000.0 | 0.05307c(04072824) 0.00932 (04040324)

0.00539 (04122924) 0.01179 (04122924) 0.02123 (04122924)
 4412500.0 | 0.18576 (04102424) 0.03467 (04112224)
0.01038 (04112224) 0.00437 (04103024) 0.00673 (04122924)
 4412000.0 | 1.39947 (04122124) 0.41149c(04072824)
0.15743c(04072824) 0.01049 (04112224) 0.00365 (04040324)
 4411500.0 | 1.98516 (04122124) 0.42293 (04122124)
1.37009c(04072824) 0.05741c(04072824) 0.01183 (04112224)
 4411000.0 | 4.12254c(04072824) 4.75930 (04122124)
2.55485c(04072824) 0.54695c(04072824) 0.16025c(04072824)
 4410500.0 | 2.51672 (04122124) 3.43282 (04122124)
4.26401 (04122124) 1.97282c(04072824) 1.25383c(04072824)
 4410000.0 | 1.47715 (04022524) 2.47991 (04122124)
3.13751 (04122124) 3.85017 (04122124) 2.08784c(04072824)
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/27/11
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 *** 10:22:23

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 **MODELOPTs: RegDFAULT CONC DDEP
  ELEV
  DRYDPLT
  WETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ESER ***
 INCLUDING SOURCE(S): AREA ,

 *** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

 ** CONC OF PM10 IN

MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)
	543000.00
4425000.0	0.16385 (04020624)
4424500.0	0.35249 (04012824)
4424000.0	0.63371 (04011124)
4423500.0	1.17634 (04011124)
4423000.0	0.66457 (04011124)
4422500.0	0.80302 (04011124)
4422000.0	0.13046 (04011124)
4421500.0	0.10178 (04010424)
4421000.0	0.14961 (04010424)
4420500.0	0.17394 (04010424)
4420000.0	0.14428 (04010424)
4419500.0	0.09493 (04060124)
4419000.0	0.03967 (04120524)
4418500.0	0.05651 (04102024)
4418000.0	0.10445 (04122524)
4417500.0	0.21003 (04022024)
4417000.0	0.43583 (04022024)
4416500.0	0.35327 (04022024)
4416000.0	0.09797 (04022024)
4415500.0	0.08095 (04081124)
4415000.0	0.11285 (04111524)
4414500.0	0.11568 (04111524)
4414000.0	0.14365 (04111524)
4413500.0	0.06464 (04122924)

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 4413000.0 |      0.03285 (04122924)
 4412500.0 |      0.01317 (04122924)
 4412000.0 |      0.00436 (04103024)
 4411500.0 |      0.00470 (04040324)
 4411000.0 |      0.02271 (04032124)
 4410500.0 |      0.32277c(04072824)
 4410000.0 |      1.11044c(04072824)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***        10:22:23

                                               PAGE  34
 **MODELOPTs:  RegDFAULT CONC                 DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  ESER     ***
                                  INCLUDING SOURCE(S):      AREA    ,

                                       *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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537268.00 4419321.00 32.25502c (04011224)
533288.00 4420664.00 10.00455c (04120424)
530873.00 4418253.00 10.98521 (04012624)
532253.00 4419045.00 2.33804 (04012424)
534268.00 4421987.00 6.59567 (04040624)
536366.00 4419557.00 18.49068 (04122624)
534987.00 4418091.00 271.25165 (04012724)
530614.00 4415312.00 11.28869 (04020424)
538946.00 4413223.00 3.60866 (04122124)
541693.00 4411996.00 0.03932c (04072824)
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
*** 10:22:23

**MODELOPTs: RegDFAULT CONC DDEP
ELEV

DRYDPLT
WETDPLT

*** THE 1ST HIGHEST 24-HR DRY
DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

** DEPO OF PM10 IN
GRAMS/M**2 **

Y-COORD | X-COORD

(METERS)
(METERS) | 528000.00 528500.00
529000.00 529500.00 530000.00
- - - -

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 4418500.0 |      0.00030 (04012624)      0.00050 (04012624)
0.00048 (04012624)      0.00047 (04012624)      0.00047 (04012624)
 4418000.0 |      0.00054 (04012624)      0.00104 (04012624)
0.00110 (04012624)      0.00109 (04012624)      0.00117 (04012624)
 4417500.0 |      0.00093 (04012624)      0.00121 (04012624)
0.00131 (04012624)      0.00136 (04012624)      0.00138 (04012624)
 4417000.0 |      0.00041 (04012624)      0.00064 (04012624)
0.00077 (04012624)      0.00080 (04012624)      0.00081 (04012624)
 4416500.0 |      0.00020 (04012324)      0.00022 (04012324)
0.00024 (04012324)      0.00039 (04041324)      0.00064 (04041324)
 4416000.0 |      0.00025 (04011024)      0.00031 (04010924)
0.00043 (04010924)      0.00057 (04010924)      0.00084 (04011024)
 4415500.0 |      0.00043 (04010924)      0.00041 (04011924)
0.00064 (04010924)      0.00072 (04010924)      0.00124 (04020424)
 4415000.0 |      0.00045 (04010924)      0.00052 (04010924)
0.00050 (04010924)      0.00043 (04010924)      0.00052 (04030824)
 4414500.0 |      0.00033 (04010924)      0.00025 (04081624)
0.00022 (04081624)      0.00019 (04081624)      0.00033 (04070524)
 4414000.0 |      0.00016 (04081624)      0.00014 (04081624)
0.00021 (04070524)      0.00037 (04070524)      0.00063 (04013124)
 4413500.0 |      0.00013 (04070524)      0.00024 (04070524)
0.00040 (04070524)      0.00057 (04100524)      0.00117 (04111324)
 4413000.0 |      0.00026 (04070524)      0.00041 (04070524)
0.00054 (04070524)      0.00064 (04100524)      0.00106 (04111324)
 4412500.0 |      0.00041 (04070524)      0.00051 (04100524)
0.00056 (04100524)      0.00083 (04092724)      0.00050 (04090624)
 4412000.0 |      0.00046 (04070524)      0.00045 (04090624)
0.00049 (04090624)      0.00059 (04102524)      0.00037 (04090624)
 4411500.0 |      0.00046 (04090624)      0.00041 (04090624)
0.00037 (04090624)      0.00029 (04090624)      0.00018 (04090624)
 4411000.0 |      0.00043 (04090624)      0.00033 (04090624)
0.00028 (04090624)      0.00016 (04090624)      0.00007 (04090624)
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 4410500.0 | 0.00033c(04042524)   0.00024 (04090624)
0.00015 (04090624)   0.00006 (04090624)   0.00003 (04072124)
 4410000.0 | 0.00021 (04090624)   0.00013 (04090624)
0.00006 (04090624)   0.00002 (04050224)   0.00003 (04070424)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/27/11
                                   ***
                                   ***   10:22:23

                                               PAGE 36
 **MODELOPTs: RegDFAULT CONC   DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

                              *** THE   1ST HIGHEST 24-HR   DRY
DEPOSITION   VALUES FOR SOURCE GROUP: ESER   ***
                               INCLUDING SOURCE(S):   AREA   ,

                                *** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

                                     ** DEPO OF PM10   IN
GRAMS/M**2   **

  Y-COORD | X-COORD
(METERS)
  (METERS) | 530500.00   531000.00
531500.00   532000.00   532500.00
 -
- -

4425000.0	0.00007 (04020324)	0.00004 (04020324)	0.00007c(04020224)
	0.00012c(04020224)	0.00015 (04020524)	
4424500.0	0.00009 (04020324)	0.00006 (04020324)	0.00006 (04012724)
	0.00011c(04020224)	0.00015 (04020524)	
4424000.0	0.00014 (04013024)	0.00009 (04020324)	0.00006 (04020324)
	0.00009c(04020224)	0.00014c(04020224)	
4423500.0	0.00016 (04013024)	0.00013 (04013024)	0.00008 (04020324)
	0.00007 (04012724)	0.00013c(04020224)	
4423000.0	0.00014 (04011824)	0.00018 (04013024)	0.00013 (04013024)
	0.00008 (04020324)	0.00011c(04020224)	
4422500.0	0.00015 (04012224)	0.00016 (04011824)	0.00021 (04013024)
	0.00012 (04020324)	0.00008 (04012724)	
4422000.0	0.00009 (04012224)	0.00018 (04012224)	0.00021 (04013024)
	0.00024 (04013024)	0.00012 (04020324)	
4421500.0	0.00004c(04110124)	0.00011 (04012224)	0.00018 (04111824)
	0.00026 (04013024)	0.00024 (04013024)	
4421000.0	0.00003c(04110124)	0.00004c(04110124)	0.00017 (04040824)
	0.00026 (04012224)	0.00041 (04013024)	
4420500.0	0.00007 (04012524)	0.00004 (04070124)	0.00005 (04012224)
	0.00017 (04012224)	0.00033 (04012224)	
4420000.0	0.00032 (04012524)	0.00020 (04012524)	0.00011 (04012524)
	0.00005 (04012224)	0.00037 (04042424)	
4419500.0	0.00084 (04031024)	0.00063 (04031024)	0.00052 (04012424)
	0.00037 (04012524)	0.00023 (04012524)	
4419000.0	0.00042 (04012524)	0.00063 (04031024)	0.00098 (04031024)
	0.00072 (04012524)	0.00088 (04012524)	
4418500.0	0.00045 (04012624)	0.00043 (04012624)	0.00023 (04010924)
	0.00033 (04070124)	0.00058 (04012524)	
4418000.0	0.00131 (04012624)	0.00169 (04012624)	0.00096 (04012324)
	0.00101 (04012324)	0.00103 (04012324)	
4417500.0	0.00157 (04012624)	0.00113 (04012324)	0.00152 (04012324)
	0.00140 (04012324)	0.00146 (04012324)	

 4417000.0 | 0.00087 (04012624)   0.00087 (04012324)
0.00085 (04012324)   0.00098 (04012324)   0.00097 (04012324)
 4416500.0 | 0.00075 (04011024)   0.00071 (04010924)
0.00070 (04081624)   0.00088 (04081624)   0.00101 (04081624)
 4416000.0 | 0.00121 (04020424)   0.00105 (04010924)
0.00074 (04081624)   0.00075 (04081624)   0.00134 (04070524)
 4415500.0 | 0.00118 (04020424)   0.00050 (04010924)
0.00066 (04070524)   0.00130 (04070524)   0.00197 (04070524)
 4415000.0 | 0.00060 (04020424)   0.00064 (04070524)
0.00117 (04070524)   0.00164 (04070524)   0.00167 (04070524)
 4414500.0 | 0.00071 (04092924)   0.00093 (04070524)
0.00133 (04090624)   0.00135 (04090624)   0.00101 (04090624)
 4414000.0 | 0.00118 (04111324)   0.00101 (04090624)
0.00113 (04090624)   0.00076 (04090624)   0.00032 (04090624)
 4413500.0 | 0.00081 (04013124)   0.00090 (04090624)
0.00066 (04090624)   0.00026 (04090624)   0.00020 (04070924)
 4413000.0 | 0.00069 (04090624)   0.00053 (04090624)
0.00024 (04090624)   0.00012 (04072124)   0.00043 (04101324)
 4412500.0 | 0.00045 (04090624)   0.00022 (04090624)
0.00009 (04072124)   0.00018 (04101324)   0.00071 (04101324)
 4412000.0 | 0.00020 (04090624)   0.00007 (04072124)
0.00008 (04070424)   0.00033 (04101324)   0.00091 (04101324)
 4411500.0 | 0.00007 (04072124)   0.00005 (04070424)
0.00016 (04101324)   0.00053 (04101324)   0.00093 (04101324)
 4411000.0 | 0.00003 (04070724)   0.00007 (04101324)
0.00029 (04101324)   0.00068 (04101324)   0.00084 (04101324)
 4410500.0 | 0.00004 (04070424)   0.00014 (04101324)
0.00041 (04101324)   0.00069 (04101324)   0.00085 (04101324)
 4410000.0 | 0.00006 (04101324)   0.00024 (04101324)
0.00051 (04101324)   0.00071 (04101324)   0.00071 (04070824)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/27/11

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE 1ST HIGHEST 24-HR DRY
DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

** DEPO OF PM10 IN
GRAMS/M**2 **

Y-COORD (METERS)	X-COORD (METERS)		
	533000.00	533500.00	534000.00	534500.00	535000.00
4425000.0	0.00027 (04022724)	0.00016 (04022724)	0.00009 (04040624)	0.00028 (04112724)	0.00053 (04012024)
4424500.0	0.00027 (04022724)	0.00027 (04022724)	0.00011 (04020524)	0.00028 (04112724)	0.00058 (04012024)
4424000.0	0.00022 (04022724)	0.00037 (04022724)	0.00013 (04022724)	0.00029 (04041424)	0.00117 (04021924)

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 4423500.0 |      0.00019 (04020524)      0.00048 (04022724)
0.00019 (04022724)      0.00032 (04041424)      0.00087 (04021924)
 4423000.0 |      0.00019c(04020224)      0.00052 (04022724)
0.00028 (04022724)      0.00034 (04041424)      0.00100 (04021924)
 4422500.0 |      0.00021c(04020224)      0.00053 (04022724)
0.00046 (04022724)      0.00037 (04041424)      0.00119 (04021924)
 4422000.0 |      0.00017c(04020224)      0.00182 (04012724)
0.00150 (04040624)      0.00042 (04041424)      0.00134 (04021924)
 4421500.0 |      0.00012 (04020324)      0.00129 (04011824)
0.00165 (04012724)      0.00064 (04040624)      0.00155 (04021924)
 4421000.0 |      0.00069c(04120424)      0.00072 (04011824)
0.00220 (04012724)      0.00117 (04040624)      0.00160 (04041424)
 4420500.0 |      0.00171c(04120424)      0.00060 (04020324)
0.00215 (04012724)      0.00216 (04040624)      0.00220 (04041424)
 4420000.0 |      0.00096 (04042424)      0.00160c(04120424)
0.00146 (04011824)      0.00177 (04022724)      0.00284 (04041424)
 4419500.0 |      0.00034 (04040824)      0.00058 (04012224)
0.00191c(04120424)      0.00195 (04022724)      0.00449 (04041424)
 4419000.0 |      0.00038 (04012524)      0.00032 (04012224)
0.00108 (04013024)      0.00133c(04020224)      0.00686 (04041424)
 4418500.0 |      0.00069 (04012524)      0.00082 (04070124)
0.00083 (04070124)      0.00262 (04013024)      0.01241 (04040624)
 4418000.0 |      0.00109 (04012324)      0.00147 (04012324)
0.00275 (04012324)      0.00675 (04012324)      0.12538 (04070824)
 4417500.0 |      0.00163 (04012324)      0.00220 (04012324)
0.00314 (04012324)      0.00897 (04070524)      0.07325 (04070824)
 4417000.0 |      0.00111 (04081624)      0.00172 (04052824)
0.00558 (04070524)      0.01083 (04070524)      0.04000 (04070824)
 4416500.0 |      0.00133 (04070524)      0.00331 (04070524)
0.00631 (04070524)      0.00930 (04070524)      0.01679 (04070824)
 4416000.0 |      0.00266 (04070524)      0.00383 (04070524)
0.00411 (04070524)      0.00611 (04070824)      0.00748 (04070824)
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 4415500.0 | 0.00242 (04070524)   0.00226 (04090624)
0.00273 (04070924)   0.00511 (04111124)   0.00346 (04070824)
 4415000.0 | 0.00143 (04090624)   0.00116 (04070924)
0.00299 (04101324)   0.00389 (04070824)   0.00205 (04090524)
 4414500.0 | 0.00053 (04072124)   0.00152 (04101324)
0.00277 (04070824)   0.00280 (04070824)   0.00147 (04090524)
 4414000.0 | 0.00057 (04101324)   0.00191 (04101324)
0.00251 (04070824)   0.00170 (04070824)   0.00112 (04090524)
 4413500.0 | 0.00092 (04101324)   0.00197 (04101324)
0.00197 (04070824)   0.00103 (04070824)   0.00089 (04110824)
 4413000.0 | 0.00129 (04101324)   0.00168 (04070824)
0.00153 (04070824)   0.00068 (04090524)   0.00088 (04110824)
 4412500.0 | 0.00131 (04101324)   0.00137 (04070824)
0.00103 (04070824)   0.00062 (04090524)   0.00087 (04090524)
 4412000.0 | 0.00116 (04101324)   0.00107 (04070824)
0.00070 (04070824)   0.00053 (04090524)   0.00073 (04110824)
 4411500.0 | 0.00097 (04070824)   0.00085 (04070824)
0.00050 (04070824)   0.00056 (04090524)   0.00070 (04090524)
 4411000.0 | 0.00087 (04070824)   0.00071 (04070824)
0.00036 (04070824)   0.00053 (04090524)   0.00064 (04090524)
 4410500.0 | 0.00079 (04070824)   0.00056 (04070824)
0.00025 (04070824)   0.00049 (04090524)   0.00060 (04090524)
 4410000.0 | 0.00069 (04070824)   0.00043 (04070824)
0.00020 (04090524)   0.00046 (04090524)   0.00056 (04090524)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/27/11
                                   ***
                                   ***   10:22:23

                                              PAGE 38
 **MODELOPTs: RegDFAULT CONC   DDEP
  ELEV

DRYDPLT
WETDPLT

*** THE 1ST HIGHEST 24-HR DRY DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

** DEPO OF PM10 IN GRAMS/M**2 **

Y-COORD (METERS)	X-COORD (METERS)		
	535500.00	536000.00	536500.00	537000.00	537500.00
4425000.0	0.00051 (04120224)	0.00032 (04110724)	0.00023 (04021524)	0.00043 (04021524)	0.00063 (04021524)
4424500.0	0.00047 (04012024)	0.00029 (04112024)	0.00030 (04021524)	0.00055 (04021524)	0.00073 (04021524)
4424000.0	0.00062 (04120224)	0.00034 (04110724)	0.00040 (04021524)	0.00069 (04021524)	0.00085 (04122624)
4423500.0	0.00084 (04120224)	0.00035 (04112024)	0.00055 (04021524)	0.00085 (04021524)	0.00120 (04122624)
4423000.0	0.00077 (04120224)	0.00043 (04112024)	0.00075 (04021524)	0.00100 (04021524)	0.00130 (04122624)
4422500.0	0.00089 (04120224)	0.00052 (04021524)	0.00100 (04021524)	0.00142 (04122624)	0.00101 (04112424)

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 4422000.0 |      0.00102 (04120224)      0.00067 (04021524)
0.00162 (04021524)      0.00155 (04021524)      0.00087 (04021324)
 4421500.0 |      0.00120 (04120224)      0.00105 (04021524)
0.00201 (04021524)      0.00153 (04112424)      0.00073 (04021324)
 4421000.0 |      0.00143 (04120224)      0.00169 (04021524)
0.00218 (04122624)      0.00120 (04112424)      0.00061 (04021324)
 4420500.0 |      0.00177 (04120224)      0.00253 (04021524)
0.00225 (04122624)      0.00105 (04021324)      0.00051 (04021324)
 4420000.0 |      0.00249 (04112024)      0.00351 (04021524)
0.00222 (04112424)      0.00093 (04021324)      0.00130 (04012824)
 4419500.0 |      0.00399 (04112024)      0.00488 (04021524)
0.00194 (04021324)      0.00186 (04012824)      0.00194 (04010824)
 4419000.0 |      0.00928 (04021524)      0.00508 (04021224)
0.00308 (04010824)      0.00273 (04010824)      0.00201 (04010824)
 4418500.0 |      0.01586 (04021224)      0.00627 (04010824)
0.00404 (04010824)      0.00288 (04120124)      0.00194 (04051224)
 4418000.0 |      0.02581 (04021224)      0.00809 (04060124)
0.00468 (04051224)      0.00278 (04051224)      0.00200 (04021024)
 4417500.0 |      0.04660 (04021324)      0.01068 (04021024)
0.00565 (04021024)      0.00305 (04021024)      0.00203 (04021024)
 4417000.0 |      0.05447 (04051524)      0.00873 (04051524)
0.00371 (04021024)      0.00254 (04021024)      0.00189 (04021024)
 4416500.0 |      0.01011 (04041624)      0.00775 (04051524)
0.00287 (04051524)      0.00131 (04021024)      0.00135 (04021024)
 4416000.0 |      0.00357 (04041624)      0.00463 (04052524)
0.00311 (04051524)      0.00163 (04051524)      0.00051 (04021024)
 4415500.0 |      0.00223 (04090524)      0.00406 (04052524)
0.00196 (04021424)      0.00312 (04112224)      0.00108 (04112224)
 4415000.0 |      0.00178 (04110824)      0.00170 (04022224)
0.00147 (04052524)      0.00167 (04112224)      0.00178 (04112224)
 4414500.0 |      0.00150 (04110824)      0.00108 (04022224)
0.00182 (04052524)      0.00085 (04021424)      0.00143 (04112224)
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 4414000.0 | 0.00129 (04110824)   0.00068 (04022224)
0.00146 (04052524)   0.00098 (04041624)   0.00101 (04112224)
 4413500.0 | 0.00113 (04110824)   0.00046 (04090924)
0.00096 (04112624)   0.00103c(04121424)   0.00046 (04041624)
 4413000.0 | 0.00098 (04110824)   0.00030 (04063024)
0.00056 (04112624)   0.00095c(04121424)   0.00056 (04041624)
 4412500.0 | 0.00081 (04110824)   0.00029 (04090524)
0.00042 (04112624)   0.00069 (04052524)   0.00076 (04052524)
 4412000.0 | 0.00071 (04110824)   0.00019 (04090524)
0.00030 (04112624)   0.00044 (04112624)   0.00073 (04052524)
 4411500.0 | 0.00077 (04110824)   0.00018 (04090524)
0.00024 (04090924)   0.00036 (04112624)   0.00064 (04052524)
 4411000.0 | 0.00047 (04090524)   0.00016 (04090524)
0.00019 (04090924)   0.00029 (04112624)   0.00044 (04052524)
 4410500.0 | 0.00041 (04090524)   0.00015 (04090524)
0.00013 (04063024)   0.00024 (04112624)   0.00030 (04112624)
 4410000.0 | 0.00038 (04090524)   0.00015 (04090524)
0.00010 (04063024)   0.00019 (04090924)   0.00035 (04112624)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/27/11
                                  ***
                                  ***   10:22:23

                                              PAGE 39
 **MODELOPTs: RegDFAULT CONC   DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

                              *** THE   1ST HIGHEST 24-HR   DRY
DEPOSITION   VALUES FOR SOURCE GROUP: ESER   ***
                                  INCLUDING SOURCE(S):   AREA   ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

** DEPO OF PM10 IN GRAMS/M**2 **

Y-COORD (METERS)	X-COORD (METERS)		
	538000.00	538500.00	539000.00
	539500.00	540000.00	
4425000.0	0.00078 (04122624)	0.00068 (04122624)	0.00034 (04021324)
	0.00020 (04021324)	0.00009 (04021324)	
4424500.0	0.00076 (04021524)	0.00052 (04112424)	0.00031 (04021324)
	0.00015 (04021324)	0.00006 (04021324)	
4424000.0	0.00080 (04021324)	0.00049 (04021324)	0.00024 (04021324)
	0.00009 (04021324)	0.00003 (04052424)	
4423500.0	0.00082 (04021324)	0.00045 (04021324)	0.00016 (04021324)
	0.00005 (04021324)	0.00006 (04050724)	
4423000.0	0.00073 (04021324)	0.00031 (04021324)	0.00010 (04021324)
	0.00007 (04050724)	0.00016 (04050724)	
4422500.0	0.00054 (04021324)	0.00020 (04021324)	0.00008 (04050724)
	0.00019 (04050724)	0.00032 (04050724)	
4422000.0	0.00040 (04021324)	0.00015 (04021324)	0.00022 (04050724)
	0.00043 (04012824)	0.00072 (04012824)	
4421500.0	0.00032 (04021324)	0.00028 (04011624)	0.00067 (04012824)
	0.00099 (04012824)	0.00098 (04010824)	
4421000.0	0.00037 (04011624)	0.00092 (04012824)	0.00114 (04012824)
	0.00115 (04010824)	0.00081 (04010824)	

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 4420500.0 |      0.00095 (04012824)      0.00139 (04011124)
0.00111 (04010824)      0.00086 (04010824)      0.00043 (04010824)
 4420000.0 |      0.00177 (04010824)      0.00154 (04010824)
0.00079 (04010824)      0.00046 (04020824)      0.00041 (04051224)
 4419500.0 |      0.00132 (04020824)      0.00092 (04020824)
0.00066 (04020824)      0.00065 (04051224)      0.00065 (04051224)
 4419000.0 |      0.00138 (04020824)      0.00108 (04051224)
0.00097 (04051224)      0.00080 (04051224)      0.00063 (04051224)
 4418500.0 |      0.00162 (04051224)      0.00120 (04051224)
0.00084 (04051224)      0.00058 (04021024)      0.00044 (04041424)
 4418000.0 |      0.00142 (04021024)      0.00107 (04021024)
0.00075 (04021024)      0.00059 (04021024)      0.00047 (04021024)
 4417500.0 |      0.00144 (04021024)      0.00114 (04021024)
0.00088 (04021024)      0.00075 (04021024)      0.00065 (04021024)
 4417000.0 |      0.00125 (04021024)      0.00088 (04021024)
0.00067 (04021024)      0.00054 (04021024)      0.00044 (04021024)
 4416500.0 |      0.00107 (04021024)      0.00073 (04021024)
0.00046 (04021024)      0.00032 (04021024)      0.00021 (04021024)
 4416000.0 |      0.00071 (04021024)      0.00075 (04021024)
0.00064 (04021024)      0.00052 (04021024)      0.00036 (04021024)
 4415500.0 |      0.00027 (04051524)      0.00030 (04021024)
0.00041 (04021024)      0.00048 (04021024)      0.00047 (04021024)
 4415000.0 |      0.00074 (04112224)      0.00022 (04051524)
0.00011 (04021024)      0.00020 (04021024)      0.00028 (04021024)
 4414500.0 |      0.00126 (04112224)      0.00057 (04112224)
0.00019 (04051524)      0.00005 (04051524)      0.00009 (04021024)
 4414000.0 |      0.00133 (04112224)      0.00097 (04112224)
0.00043 (04051524)      0.00016 (04051524)      0.00005 (04051524)
 4413500.0 |      0.00089 (04112224)      0.00108 (04112224)
0.00075 (04112224)      0.00034 (04051524)      0.00014 (04051524)
 4413000.0 |      0.00043 (04112224)      0.00087 (04112224)
0.00083 (04112224)      0.00056 (04112224)      0.00028 (04051524)
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 4412500.0 | 0.00031 (04041624)   0.00044 (04112224)
0.00062 (04112224)   0.00063 (04112224)   0.00042 (04112224)
 4412000.0 | 0.00032c(04121424)   0.00025 (04112224)
0.00041 (04112224)   0.00055 (04112224)   0.00051 (04112224)
 4411500.0 | 0.00046 (04052524)   0.00022c(04121424)
0.00026 (04112224)   0.00034 (04112224)   0.00045 (04112224)
 4411000.0 | 0.00055 (04052524)   0.00024c(04121424)
0.00017 (04112224)   0.00024 (04112224)   0.00037 (04112224)
 4410500.0 | 0.00050 (04052524)   0.00034 (04052524)
0.00017c(04121424)   0.00017 (04112224)   0.00022 (04112224)
 4410000.0 | 0.00055 (04052524)   0.00052 (04052524)
0.00018c(04121424)   0.00013c(04121424)   0.00017 (04112224)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/27/11
                                   ***
                                   ***   10:22:23

                                               PAGE 40
 **MODELOPTs: RegDFAULT CONC   DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

                                *** THE   1ST HIGHEST 24-HR   DRY
DEPOSITION   VALUES FOR SOURCE GROUP: ESER   ***
                                  INCLUDING SOURCE(S):   AREA   ,

                                   *** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

                                        ** DEPO OF PM10   IN
GRAMS/M**2   **

Y-COORD (METERS)	X-COORD (METERS)				
	540500.00	541000.00	541500.00	542000.00	542500.00
4425000.0	0.00003 (04021324)	0.00002 (04050724)	0.00005 (04050724)	0.00009 (04050724)	0.00014 (04050724)
4424500.0	0.00003 (04052424)	0.00006 (04050724)	0.00010 (04050724)	0.00017 (04050724)	0.00023 (04020624)
4424000.0	0.00006 (04050724)	0.00011 (04050724)	0.00020 (04050724)	0.00026 (04010824)	0.00036 (04010824)
4423500.0	0.00013 (04050724)	0.00023 (04050724)	0.00031 (04010824)	0.00041 (04010824)	0.00044 (04010824)
4423000.0	0.00028 (04050724)	0.00037 (04010824)	0.00047 (04010824)	0.00048 (04010824)	0.00042 (04010824)
4422500.0	0.00046 (04010824)	0.00054 (04010824)	0.00055 (04010824)	0.00045 (04010824)	0.00028 (04010824)
4422000.0	0.00072 (04010824)	0.00066 (04010824)	0.00051 (04010824)	0.00026 (04010824)	0.00016 (04012224)
4421500.0	0.00085 (04010824)	0.00047 (04010824)	0.00024 (04010524)	0.00014 (04012224)	0.00011 (04051224)
4421000.0	0.00044 (04010824)	0.00022 (04010524)	0.00014 (04051224)	0.00019 (04051224)	0.00022 (04051224)
4420500.0	0.00024 (04020824)	0.00027 (04051224)	0.00030 (04051224)	0.00031 (04051224)	0.00031 (04051224)
4420000.0	0.00045 (04051224)	0.00044 (04051224)	0.00041 (04051224)	0.00037 (04051224)	0.00032 (04051224)
4419500.0	0.00059 (04051224)	0.00048 (04051224)	0.00039 (04051224)	0.00033 (04041424)	0.00030 (04041424)

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 4419000.0 |      0.00047 (04051224)      0.00040 (04041424)
0.00033 (04041424)      0.00024 (04041424)      0.00018 (04041424)
 4418500.0 |      0.00033 (04041424)      0.00026 (04051424)
0.00020 (04051424)      0.00015 (04051424)      0.00013 (04051424)
 4418000.0 |      0.00040 (04021024)      0.00035 (04021024)
0.00032 (04021024)      0.00029 (04021024)      0.00026 (04021024)
 4417500.0 |      0.00056 (04021024)      0.00049 (04021024)
0.00044 (04021024)      0.00039 (04021024)      0.00035 (04021024)
 4417000.0 |      0.00040 (04021024)      0.00035 (04021024)
0.00032 (04021024)      0.00029 (04021024)      0.00027 (04021024)
 4416500.0 |      0.00018 (04021024)      0.00015 (04021024)
0.00014 (04021024)      0.00013 (04021024)      0.00012 (04021024)
 4416000.0 |      0.00025 (04021024)      0.00019 (04021324)
0.00013 (04021324)      0.00009 (04021324)      0.00006 (04062024)
 4415500.0 |      0.00040 (04021024)      0.00031 (04021024)
0.00023 (04021024)      0.00019 (04021324)      0.00015 (04021324)
 4415000.0 |      0.00032 (04021024)      0.00031 (04021024)
0.00031 (04021024)      0.00027 (04021024)      0.00021 (04021024)
 4414500.0 |      0.00014 (04021024)      0.00019 (04021024)
0.00024 (04021024)      0.00026 (04021024)      0.00025 (04021024)
 4414000.0 |      0.00004 (04021024)      0.00007 (04021024)
0.00011 (04021024)      0.00015 (04021024)      0.00018 (04021024)
 4413500.0 |      0.00005 (04051524)      0.00002 (04021024)
0.00003 (04021024)      0.00006 (04021024)      0.00008 (04021024)
 4413000.0 |      0.00013 (04051524)      0.00005 (04051524)
0.00002 (04051524)      0.00002 (04021024)      0.00003 (04021024)
 4412500.0 |      0.00024 (04051524)      0.00011 (04051524)
0.00005 (04051524)      0.00002 (04051524)      0.00001 (04103024)
 4412000.0 |      0.00037 (04112224)      0.00020 (04051524)
0.00010 (04051524)      0.00004 (04051524)      0.00002 (04051524)
 4411500.0 |      0.00047 (04112224)      0.00033 (04112224)
0.00017 (04051524)      0.00009 (04051524)      0.00004 (04051524)
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 4411000.0 | 0.00040 (04112224)   0.00034 (04112224)
0.00023 (04112224)   0.00015 (04051524)   0.00009 (04051524)
 4410500.0 | 0.00025 (04112224)   0.00025 (04112224)
0.00029 (04112224)   0.00021 (04112224)   0.00013 (04051524)
 4410000.0 | 0.00021 (04112224)   0.00023 (04112224)
0.00031 (04112224)   0.00024 (04112224)   0.00017 (04051524)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/27/11
                                  ***
                                  ***   10:22:23

                                             PAGE 41
 **MODELOPTs: RegDFAULT CONC   DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

                              *** THE   1ST HIGHEST 24-HR   DRY
DEPOSITION   VALUES FOR SOURCE GROUP: ESER   ***
                                  INCLUDING SOURCE(S):   AREA   ,

                                   *** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

                                        ** DEPO OF PM10   IN
GRAMS/M**2   **

  Y-COORD | X-COORD
(METERS)
  (METERS) | 543000.00
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- -

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4425000.0 |      0.00020 (04020624)
4424500.0 |      0.00032 (04010824)
4424000.0 |      0.00039 (04010824)
4423500.0 |      0.00039 (04010824)
4423000.0 |      0.00029 (04010824)
4422500.0 |      0.00022 (04010824)
4422000.0 |      0.00009 (04012224)
4421500.0 |      0.00014 (04051224)
4421000.0 |      0.00023 (04051224)
4420500.0 |      0.00029 (04051224)
4420000.0 |      0.00028 (04051224)
4419500.0 |      0.00026 (04041424)
4419000.0 |      0.00013 (04041424)
4418500.0 |      0.00011 (04021024)
4418000.0 |      0.00024 (04021024)
4417500.0 |      0.00032 (04021024)
4417000.0 |      0.00025 (04021024)
4416500.0 |      0.00012 (04021024)
4416000.0 |      0.00005 (04062024)
4415500.0 |      0.00011 (04021324)
4415000.0 |      0.00018 (04021324)
4414500.0 |      0.00022 (04021024)
4414000.0 |      0.00019 (04021024)
4413500.0 |      0.00011 (04021024)
4413000.0 |      0.00005 (04021024)
4412500.0 |      0.00002 (04021024)
4412000.0 |      0.00001 (04103024)
4411500.0 |      0.00002 (04051524)
4411000.0 |      0.00004 (04051524)
4410500.0 |      0.00008 (04051524)
4410000.0 |      0.00012 (04051524)
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 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 10:22:23

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE 1ST HIGHEST 24-HR DRY
DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** DISCRETE CARTESIAN
RECEPTOR POINTS ***

** DEPO OF PM10 IN
GRAMS/M**2 **

X-COORD (M)	Y-COORD (M)	DEPO	(YYMMDDHH)
537268.00	4419321.00	0.00219	(04010824)
533288.00	4420664.00	0.00070c	(04120424)
530873.00	4418253.00	0.00090	(04012624)
532253.00	4419045.00	0.00085	(04012524)
534268.00	4421987.00	0.00059	(04040624)
536366.00	4419557.00	0.00249	(04112424)
534987.00	4418091.00	0.06095	(04040624)

530614.00   4415312.00   0.00102 (04020424)
        538946.00   4413223.00   0.00085 (04112224)
541693.00   4411996.00   0.00008 (04051524)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/27/11
                                  ***
                                   ***   10:22:23

 **MODELOPTs: RegDFAULT CONC   DDEP
  ELEV
                                                                DRYDPLT
  WETDPLT

                                *** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ESER   ***
                                  INCLUDING SOURCE(S):   AREA   ,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE
 - - -

44. 210.60039 (04022324) AT (535000.00, 4418000.00) GC
5. 333.22572 (04012724) AT (535000.00, 4418000.00) GC
45. 202.39185 (04020424) AT (535000.00, 4418000.00) GC
6. 281.61468 (04040624) AT (535000.00, 4418000.00) GC
46. 202.29226 (04010224) AT (535000.00, 4418000.00) GC
7. 280.19204 (04011824) AT (535000.00, 4418000.00) GC
47. 201.47112 (04102424) AT (535000.00, 4418000.00) GC
8. 280.18848 (04020324) AT (535000.00, 4418000.00) GC
48. 200.01090 (04012624) AT (534987.00, 4418091.00) DC
9. 274.51479 (04122224) AT (535000.00, 4418000.00) GC
49. 199.14319 (04050924) AT (535000.00, 4418000.00) GC
10. 272.92340 (04011124) AT (535000.00, 4418000.00) GC
50. 193.77242 (04120824) AT (535000.00, 4418000.00) GC
11. 271.25165 (04012724) AT (534987.00, 4418091.00) DC
51. 193.64386 (04122924) AT (535000.00, 4418000.00) GC
12. 262.08456c(04020224) AT (535000.00, 4418000.00) GC
52. 191.21732 (04120624) AT (535000.00, 4418000.00) GC
13. 261.25676c(04120424) AT (534987.00, 4418091.00) DC
53. 189.60061 (04111324) AT (535000.00, 4418000.00) GC
14. 258.71881 (04030224) AT (535000.00, 4418000.00) GC
54. 189.18187c(04122724) AT (535000.00, 4418000.00) GC
15. 255.77701c(04011224) AT (535000.00, 4418000.00) GC
55. 189.12213 (04021924) AT (535000.00, 4418000.00) GC
16. 255.57966c(04122424) AT (535000.00, 4418000.00) GC
56. 188.89854 (04110724) AT (535000.00, 4418000.00) GC
17. 253.71394 (04021824) AT (535000.00, 4418000.00) GC
57. 188.51084 (04110524) AT (535000.00, 4418000.00) GC
18. 247.91038 (04122124) AT (535500.00, 4417500.00) GC
58. 187.99303 (04111824) AT (535000.00, 4418000.00) GC
19. 245.15474c(04010324) AT (535000.00, 4418000.00) GC
59. 186.58834 (04120124) AT (535000.00, 4418000.00) GC
20. 237.55039c(04011324) AT (535000.00, 4418000.00) GC

60. 185.13601 (04102124) AT (535000.00, 4418000.00) GC
21. 236.81081 (04120524) AT (535000.00, 4418000.00) GC
61. 182.96086 (04110924) AT (535000.00, 4418000.00) GC
22. 235.77563c(04011224) AT (535500.00, 4417500.00) GC
62. 182.68015 (04031024) AT (535000.00, 4418000.00) GC
23. 233.59295 (04122124) AT (535000.00, 4418000.00) GC
63. 182.07107 (04121624) AT (535000.00, 4418000.00) GC
24. 232.06149 (04042024) AT (535000.00, 4418000.00) GC
64. 180.71624 (04042124) AT (535000.00, 4418000.00) GC
25. 229.93076 (04121224) AT (534987.00, 4418091.00) DC
65. 180.30782 (04103124) AT (535000.00, 4418000.00) GC
26. 229.23225 (04112524) AT (535000.00, 4418000.00) GC
66. 177.59762 (04030124) AT (535000.00, 4418000.00) GC
27. 229.19205 (04120924) AT (535000.00, 4418000.00) GC
67. 177.47333 (04102824) AT (535000.00, 4418000.00) GC
28. 228.71273 (04122824) AT (535000.00, 4418000.00) GC
68. 173.31984c(04110124) AT (535000.00, 4418000.00) GC
29. 227.35679 (04040624) AT (534987.00, 4418091.00) DC
69. 173.04625c(04122024) AT (534987.00, 4418091.00) DC
30. 224.94119 (04103024) AT (535000.00, 4418000.00) GC
70. 171.95055 (04120324) AT (535000.00, 4418000.00) GC
31. 222.32140 (04122524) AT (535000.00, 4418000.00) GC
71. 171.79743 (04040824) AT (535000.00, 4418000.00) GC
32. 220.38017c(04122024) AT (535500.00, 4417500.00) GC
72. 170.05978 (04010124) AT (535000.00, 4418000.00) GC
33. 219.81804 (04122624) AT (535000.00, 4418000.00) GC
73. 169.77116 (04122324) AT (535000.00, 4418000.00) GC
34. 219.73122 (04041024) AT (535000.00, 4418000.00) GC
74. 169.61088 (04121024) AT (535000.00, 4418000.00) GC
35. 219.33856 (04042424) AT (535000.00, 4418000.00) GC
75. 168.89323c(04031924) AT (535000.00, 4418000.00) GC
36. 219.28698c(04121924) AT (535000.00, 4418000.00) GC

76. 167.95917 (04102024) AT (535000.00, 4418000.00) GC
37. 218.97801 (04100924) AT (535000.00, 4418000.00) GC
77. 166.92427 (04092224) AT (535000.00, 4418000.00) GC
38. 215.45475 (04123124) AT (535000.00, 4418000.00) GC
78. 166.29101 (04110624) AT (535000.00, 4418000.00) GC
39. 213.38443 (04101924) AT (535000.00, 4418000.00) GC
79. 165.63460 (04011424) AT (535000.00, 4418000.00) GC
40. 213.38254c(04011324) AT (535500.00, 4417500.00) GC
80. 165.42787 (04021724) AT (535000.00, 4418000.00) GC

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
*** 10:22:23

PAGE 44

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
81.	165.34184	(04050324) AT	(535000.00, 4418000.00) GC				

121. 144.20857 (04122524) AT (535500.00, 4417500.00) GC
82. 165.18141 (04030324) AT (535000.00, 4418000.00) GC
122. 144.18011 (04092924) AT (535000.00, 4418000.00) GC
83. 163.75681 (04121824) AT (535000.00, 4418000.00) GC
123. 143.72747 (04042424) AT (534987.00, 4418091.00) DC
84. 163.31622 (04101524) AT (535000.00, 4418000.00) GC
124. 143.55860 (04040924) AT (535000.00, 4418000.00) GC
85. 163.06663 (04012524) AT (535000.00, 4418000.00) GC
125. 143.53373 (04032224) AT (535000.00, 4418000.00) GC
86. 161.78146c(04011224) AT (535500.00, 4418000.00) GC
126. 143.16832 (04021924) AT (534987.00, 4418091.00) DC
87. 161.53219c(04102624) AT (535000.00, 4418000.00) GC
127. 142.22412 (04102924) AT (535000.00, 4418000.00) GC
88. 160.51172 (04101124) AT (535000.00, 4418000.00) GC
128. 142.09515c(04042524) AT (535000.00, 4418000.00) GC
89. 160.14048 (04100824) AT (535500.00, 4417500.00) GC
129. 142.03331 (04100824) AT (535000.00, 4418000.00) GC
90. 160.01380 (04031224) AT (535000.00, 4418000.00) GC
130. 141.89742 (04082124) AT (535000.00, 4418000.00) GC
91. 159.20625 (04071324) AT (535000.00, 4418000.00) GC
131. 141.09389 (04041124) AT (535000.00, 4418000.00) GC
92. 158.66552 (04102724) AT (535000.00, 4418000.00) GC
132. 141.07061 (04040724) AT (535000.00, 4418000.00) GC
93. 158.10124 (04093024) AT (535000.00, 4418000.00) GC
133. 140.92094 (04101824) AT (535000.00, 4418000.00) GC
94. 155.91509c(04020224) AT (534987.00, 4418091.00) DC
134. 140.59988 (04120124) AT (535500.00, 4417500.00) GC
95. 155.03111 (04011024) AT (535000.00, 4418000.00) GC
135. 140.54027 (04022524) AT (535500.00, 4417000.00) GC
96. 154.93513 (04052524) AT (535500.00, 4417000.00) GC
136. 140.41772 (04031524) AT (535000.00, 4418000.00) GC
97. 154.76556 (04032124) AT (535000.00, 4418000.00) GC

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137.     139.97340 (04011124) AT ( 534987.00, 4418091.00)  DC
   98.     154.66635 (04101624) AT ( 535000.00, 4418000.00)  GC
138.     139.96535 (04020324) AT ( 534987.00, 4418091.00)  DC
   99.     154.01103 (04121124) AT ( 535000.00, 4418000.00)  GC
139.     139.88202 (04082224) AT ( 535000.00, 4418000.00)  GC
  100.     153.72657 (04030824) AT ( 535000.00, 4418000.00)  GC
140.     139.50068 (04092724) AT ( 535000.00, 4418000.00)  GC
  101.     151.73975 (04111124) AT ( 535000.00, 4418000.00)  GC
141.     139.46432c(04122024) AT ( 535500.00, 4418000.00)  GC
  102.     150.70500 (04111924) AT ( 535000.00, 4418000.00)  GC
142.     137.06774 (04120224) AT ( 535000.00, 4418000.00)  GC
  103.     150.37532 (04122624) AT ( 534987.00, 4418091.00)  DC
143.     136.68585 (04021624) AT ( 535000.00, 4418000.00)  GC
  104.     149.94348 (04022524) AT ( 535000.00, 4418000.00)  GC
144.     135.71382 (04050824) AT ( 535000.00, 4418000.00)  GC
  105.     149.78731 (04051724) AT ( 535000.00, 4418000.00)  GC
145.     135.42077c(04011324) AT ( 535500.00, 4418000.00)  GC
  106.     149.67395 (04031124) AT ( 535000.00, 4418000.00)  GC
146.     134.25992 (04021124) AT ( 535500.00, 4417500.00)  GC
  107.     149.47702 (04101024) AT ( 535000.00, 4418000.00)  GC
147.     133.49791 (04032124) AT ( 535500.00, 4417500.00)  GC
  108.     149.17361 (04041224) AT ( 535000.00, 4418000.00)  GC
148.     133.24631 (04091924) AT ( 535000.00, 4418000.00)  GC
  109.     148.93836 (04123024) AT ( 535000.00, 4418000.00)  GC
149.     132.45007 (04120924) AT ( 534987.00, 4418091.00)  DC
  110.     148.88754 (04013024) AT ( 535000.00, 4418000.00)  GC
150.     131.82000 (04010624) AT ( 535000.00, 4418000.00)  GC
  111.     148.21952 (04011924) AT ( 535000.00, 4418000.00)  GC
151.     131.17630 (04050424) AT ( 535000.00, 4418000.00)  GC
  112.     147.29253 (04111524) AT ( 535000.00, 4418000.00)  GC
152.     130.76566 (04122124) AT ( 535500.00, 4418000.00)  GC
  113.     146.41135 (04122324) AT ( 535500.00, 4417500.00)  GC
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153. 130.13802 (04102224) AT (535000.00, 4418000.00) GC
  114. 146.24584 (04041324) AT (535000.00, 4418000.00) GC
154. 130.00475c(04052124) AT (535000.00, 4418000.00) GC
  115. 146.12503 (04111224) AT (535000.00, 4418000.00) GC
155. 129.89194c(04010324) AT (534987.00, 4418091.00) DC
  116. 146.06681 (04031624) AT (535000.00, 4418000.00) GC
156. 129.78090 (04112324) AT (535000.00, 4418000.00) GC
  117. 145.62498 (04092324) AT (535000.00, 4418000.00) GC
157. 129.45509 (04111424) AT (535000.00, 4418000.00) GC
  118. 145.47247 (04111024) AT (535000.00, 4418000.00) GC
158. 129.33866 (04110824) AT (535000.00, 4418000.00) GC
  119. 145.42528 (04122624) AT (535500.00, 4417500.00) GC
159. 128.14297 (04121324) AT (534987.00, 4418091.00) DC
  120. 145.16643 (04100724) AT (535000.00, 4418000.00) GC
160. 128.00940 (04012124) AT (535000.00, 4418000.00) GC

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

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

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 RANK         CONC     (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE     RANK
       CONC     (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
  161.     128.00756 (04091524) AT ( 535000.00, 4418000.00)  GC
201.     116.51215 (04010224) AT ( 535500.00, 4417500.00)  GC
  162.     127.60618 (04092624) AT ( 535000.00, 4418000.00)  GC
202.     116.44773 (04032824) AT ( 535000.00, 4418000.00)  GC
  163.     127.49381 (04052424) AT ( 535000.00, 4418000.00)  GC
203.     116.35158 (04102524) AT ( 535000.00, 4418000.00)  GC
  164.     127.36721 (04022924) AT ( 535000.00, 4418000.00)  GC
204.     116.32954 (04111124) AT ( 535000.00, 4416500.00)  GC
  165.     127.07241 (04060424) AT ( 535000.00, 4418000.00)  GC
205.     116.03393 (04110224) AT ( 535000.00, 4418000.00)  GC
  166.     126.45934 (04011424) AT ( 535500.00, 4417500.00)  GC
206.     115.94691 (04011524) AT ( 535000.00, 4418000.00)  GC
  167.     126.30417 (04060924) AT ( 535000.00, 4418000.00)  GC
207.     115.30768 (04051924) AT ( 535000.00, 4418000.00)  GC
  168.     125.19247c(04011224) AT ( 534987.00, 4418091.00)  DC
208.     114.84523 (04112924) AT ( 535000.00, 4418000.00)  GC
  169.     125.03967 (04120724) AT ( 535000.00, 4418000.00)  GC
209.     114.64289 (04112724) AT ( 535000.00, 4418000.00)  GC
  170.     125.01805 (04020524) AT ( 535000.00, 4418000.00)  GC
210.     114.60805 (04012424) AT ( 535000.00, 4418000.00)  GC
  171.     124.21425 (04090824) AT ( 535000.00, 4418000.00)  GC
211.     114.39380 (04111724) AT ( 535000.00, 4418000.00)  GC
  172.     124.17552 (04091424) AT ( 535000.00, 4418000.00)  GC
212.     114.34606 (04062424) AT ( 535000.00, 4418000.00)  GC
  173.     123.85678 (04100924) AT ( 535500.00, 4417500.00)  GC
213.     114.33254 (04093024) AT ( 535500.00, 4417500.00)  GC
  174.     123.53564 (04040424) AT ( 535000.00, 4418000.00)  GC
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214.     113.20008 (04042324) AT ( 535000.00, 4418000.00)  GC
  175.     123.07448 (04101424) AT ( 535000.00, 4418000.00)  GC
215.     113.09827 (04071924) AT ( 535000.00, 4418000.00)  GC
  176.     123.01569 (04112824) AT ( 535000.00, 4418000.00)  GC
216.     112.89776 (04081224) AT ( 535000.00, 4418000.00)  GC
  177.     122.56341 (04013124) AT ( 535000.00, 4418000.00)  GC
217.     112.05527 (04032024) AT ( 535000.00, 4418000.00)  GC
  178.     122.21413 (04051824) AT ( 535000.00, 4418000.00)  GC
218.     112.01320c(04100124) AT ( 535000.00, 4418000.00)  GC
  179.     121.77393 (04081324) AT ( 535000.00, 4418000.00)  GC
219.     111.63749 (04121724) AT ( 535000.00, 4418000.00)  GC
  180.     121.44526 (04092424) AT ( 535000.00, 4418000.00)  GC
220.     110.85624 (04080424) AT ( 535000.00, 4418000.00)  GC
  181.     120.88264 (04092824) AT ( 535000.00, 4418000.00)  GC
221.     110.40900 (04040524) AT ( 535000.00, 4418000.00)  GC
  182.     120.63639 (04080524) AT ( 535000.00, 4418000.00)  GC
222.     110.06171 (04040824) AT ( 534987.00, 4418091.00)  DC
  183.     120.60183 (04020124) AT ( 535000.00, 4418000.00)  GC
223.     109.92816 (04031824) AT ( 535000.00, 4418000.00)  GC
  184.     120.34446 (04011724) AT ( 535000.00, 4418000.00)  GC
224.     109.61328 (04110324) AT ( 535000.00, 4418000.00)  GC
  185.     120.10791c(04100124) AT ( 535500.00, 4417500.00)  GC
225.     109.50752 (04060724) AT ( 535000.00, 4418000.00)  GC
  186.     120.04815 (04112524) AT ( 535500.00, 4417500.00)  GC
226.     109.17041 (04111624) AT ( 535000.00, 4418000.00)  GC
  187.     119.73088 (04101724) AT ( 535000.00, 4418000.00)  GC
227.     108.53623 (04080924) AT ( 535000.00, 4418000.00)  GC
  188.     119.52971 (04100924) AT ( 534987.00, 4418091.00)  DC
228.     107.90736 (04011424) AT ( 534987.00, 4418091.00)  DC
  189.     119.09900 (04021124) AT ( 535000.00, 4418000.00)  GC
229.     107.76248 (04010424) AT ( 535000.00, 4418000.00)  GC
  190.     119.08727c(04011324) AT ( 534987.00, 4418091.00)  DC
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230.     107.37162 (04092124) AT ( 535000.00, 4418000.00)  GC
  191.     118.87587 (04041024) AT ( 534987.00, 4418091.00)  DC
231.     106.80097 (04012924) AT ( 535000.00, 4418000.00)  GC
  192.     118.26131 (04092524) AT ( 535000.00, 4418000.00)  GC
232.     106.67687 (04081424) AT ( 535000.00, 4418000.00)  GC
  193.     118.24065 (04050324) AT ( 535500.00, 4417500.00)  GC
233.     106.55040c(04121424) AT ( 535000.00, 4418000.00)  GC
  194.     118.18589 (04113024) AT ( 535000.00, 4418000.00)  GC
234.     106.28151 (04051324) AT ( 535000.00, 4418000.00)  GC
  195.     118.05367 (04083024) AT ( 535000.00, 4418000.00)  GC
235.     106.06358 (04040124) AT ( 535000.00, 4418000.00)  GC
  196.     118.04747 (04100324) AT ( 535000.00, 4418000.00)  GC
236.     105.63957 (04060524) AT ( 535000.00, 4418000.00)  GC
  197.     117.80799 (04102324) AT ( 535000.00, 4418000.00)  GC
237.     105.39153 (04112524) AT ( 534987.00, 4418091.00)  DC
  198.     117.79110 (04091624) AT ( 535000.00, 4418000.00)  GC
238.     105.17307 (04082724) AT ( 535000.00, 4418000.00)  GC
  199.     117.63249 (04092024) AT ( 535000.00, 4418000.00)  GC
239.     104.96062 (04061824) AT ( 535000.00, 4418000.00)  GC
  200.     116.57337 (04050224) AT ( 535000.00, 4418000.00)  GC
240.     104.11029 (04101024) AT ( 535500.00, 4417500.00)  GC
 *** AERMOD - VERSION 09292 ***     ***  NO TITLE SPECIFIED
                                    ***         10/27/11
                                   ***
                                   ***        10:22:23

                                               PAGE  46
 **MODELOPTs:  RegDFAULT CONC                DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT
```

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
241.	103.57612	(04122624)	(535500.00, 4418000.00)	GC
281.	90.63653	(04100624)	(535000.00, 4418000.00)	GC
242.	103.31716	(04030424)	(535000.00, 4418000.00)	GC
282.	90.41910	(04022024)	(535500.00, 4417500.00)	GC
243.	103.13421	(04032324)	(535000.00, 4418000.00)	GC
283.	90.32055	(04020924)	(535000.00, 4418000.00)	GC
244.	103.05299	(04022424)	(535000.00, 4418000.00)	GC
284.	90.28198	(04122124)	(534987.00, 4418091.00)	DC
245.	102.81862	(04081824)	(535000.00, 4418000.00)	GC
285.	90.20806	(04111124)	(535500.00, 4417000.00)	GC
246.	102.46825	(04120224)	(534987.00, 4418091.00)	DC
286.	89.71007	(04020624)	(535000.00, 4418000.00)	GC
247.	102.15367	(04090124)	(535000.00, 4418000.00)	GC
287.	89.64325	(04120124)	(535500.00, 4418000.00)	GC
248.	102.05176c	(04020724)	(535000.00, 4418000.00)	GC
288.	89.62042c	(04072824)	(535500.00, 4417500.00)	GC
249.	101.29123	(04110824)	(535500.00, 4417000.00)	GC
289.	89.43261	(04101224)	(535000.00, 4418000.00)	GC
250.	100.81091	(04022524)	(535500.00, 4417500.00)	GC
290.	89.30530	(04011124)	(535500.00, 4417500.00)	GC
251.	100.40961	(04061024)	(535000.00, 4418000.00)	GC

291. 88.98610c(04041924) AT (535000.00, 4418000.00) GC
252. 100.32011 (04072924) AT (535000.00, 4418000.00) GC
292. 88.72412c(04072824) AT (535500.00, 4417000.00) GC
253. 100.23659 (04080324) AT (535000.00, 4418000.00) GC
293. 87.98111 (04010724) AT (535000.00, 4418000.00) GC
254. 100.22377 (04022324) AT (534987.00, 4418091.00) DC
294. 87.89165 (04120224) AT (535500.00, 4417500.00) GC
255. 99.64999 (04060224) AT (535000.00, 4418000.00) GC
295. 87.57511 (04091324) AT (535000.00, 4418000.00) GC
256. 99.16324 (04042024) AT (534987.00, 4418091.00) DC
296. 87.41582 (04122124) AT (535500.00, 4417000.00) GC
257. 97.86947 (04072624) AT (535000.00, 4418000.00) GC
297. 87.13587 (04072024) AT (535000.00, 4418000.00) GC
258. 97.61703 (04083124) AT (535000.00, 4418000.00) GC
298. 87.11071c(04122024) AT (536000.00, 4417500.00) GC
259. 97.17799 (04041724) AT (535000.00, 4418000.00) GC
299. 86.94577 (04030624) AT (535000.00, 4418000.00) GC
260. 96.10830 (04012824) AT (535000.00, 4418000.00) GC
300. 86.86337 (04033024) AT (535000.00, 4418000.00) GC
261. 96.01699c(04031324) AT (535000.00, 4418000.00) GC
301. 86.70015 (04122524) AT (535500.00, 4417000.00) GC
262. 95.94314 (04121224) AT (535500.00, 4417500.00) GC
302. 86.58424 (04010624) AT (535500.00, 4417500.00) GC
263. 95.75260c(04122424) AT (535500.00, 4417500.00) GC
303. 86.29000 (04010424) AT (535500.00, 4417500.00) GC
264. 95.40986 (04121824) AT (535500.00, 4417500.00) GC
304. 86.12443 (04082624) AT (535000.00, 4418000.00) GC
265. 95.16894 (04100824) AT (535500.00, 4418000.00) GC
305. 86.06246 (04042624) AT (535000.00, 4418000.00) GC
266. 94.96228 (04111824) AT (535500.00, 4417500.00) GC
306. 85.99085 (04010924) AT (535000.00, 4418000.00) GC
267. 94.85667 (04052024) AT (535000.00, 4418000.00) GC

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307.      85.93802 (04060324) AT ( 535000.00, 4418000.00)  GC
  268.      94.60665 (04041824) AT ( 535000.00, 4418000.00)  GC
308.      85.53509 (04120524) AT ( 534987.00, 4418091.00)  DC
  269.      93.65268 (04050324) AT ( 534987.00, 4418091.00)  DC
309.      85.49313 (04012124) AT ( 535500.00, 4417500.00)  GC
  270.      93.60315 (04010224) AT ( 534987.00, 4418091.00)  DC
310.      85.32210 (04092524) AT ( 535500.00, 4417500.00)  GC
  271.      93.08239 (04052324) AT ( 535000.00, 4418000.00)  GC
311.      85.28084 (04011424) AT ( 535500.00, 4418000.00)  GC
  272.      92.38490 (04052424) AT ( 535500.00, 4417000.00)  GC
312.      84.46162 (04050624) AT ( 535500.00, 4417500.00)  GC
  273.      92.27958 (04122324) AT ( 535500.00, 4418000.00)  GC
313.      84.18701 (04071324) AT ( 535500.00, 4417500.00)  GC
  274.      92.26363 (04081124) AT ( 535000.00, 4418000.00)  GC
314.      83.66930 (04042224) AT ( 535000.00, 4418000.00)  GC
  275.      91.57764 (04061324) AT ( 535000.00, 4418000.00)  GC
315.      83.26815 (04012924) AT ( 535500.00, 4417500.00)  GC
  276.      91.25910 (04082324) AT ( 535000.00, 4418000.00)  GC
316.      83.14290 (04061124) AT ( 535000.00, 4418000.00)  GC
  277.      91.15556 (04111924) AT ( 535500.00, 4417500.00)  GC
317.      82.86777 (04112824) AT ( 534987.00, 4418091.00)  DC
  278.      91.11877 (04021924) AT ( 535500.00, 4417500.00)  GC
318.      82.80117c(04072824) AT ( 535000.00, 4418000.00)  GC
  279.      90.78407 (04051424) AT ( 535000.00, 4418000.00)  GC
319.      82.65294 (04033124) AT ( 535000.00, 4418000.00)  GC
  280.      90.76747 (04060624) AT ( 535000.00, 4418000.00)  GC
320.      82.51987 (04120324) AT ( 534987.00, 4418091.00)  DC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
                                  ***        10:22:23
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**MODELOPTs: RegDFAULT CONC DDEP ELEV DRYDPLT WETDPLT

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
321.	82.44531c	(04122424)	AT (534987.00, 4418091.00) DC	361.	76.53494	(04090724)	AT (535000.00, 4418000.00) GC
322.	82.37022	(04053024)	AT (535000.00, 4418000.00) GC	362.	76.26516c	(04100124)	AT (535500.00, 4418000.00) GC
323.	82.25339	(04042124)	AT (534987.00, 4418091.00) DC	363.	75.47483	(04032424)	AT (535000.00, 4418000.00) GC
324.	82.18354c	(04120424)	AT (535500.00, 4417500.00) GC	364.	75.45730	(04100224)	AT (535000.00, 4418000.00) GC
325.	82.12000	(04061224)	AT (535000.00, 4418000.00) GC	365.	75.11468	(04021224)	AT (535000.00, 4418000.00) GC
326.	81.90899	(04022224)	AT (535000.00, 4418000.00) GC	366.	74.97377	(04011524)	AT (534987.00, 4418091.00) DC
327.	81.41890	(04050524)	AT (535000.00, 4418000.00) GC	367.	74.63595	(04062124)	AT (535000.00, 4418000.00) GC
328.	81.30670	(04050124)	AT (535000.00, 4418000.00) GC				

368. 74.31769 (04071924) AT (534987.00, 4418091.00) DC
329. 81.22803 (04121524) AT (535000.00, 4418000.00) GC
369. 74.19754c(04011224) AT (535500.00, 4418500.00) GC
330. 80.74231 (04053124) AT (535000.00, 4418000.00) GC
370. 74.12666 (04061924) AT (535000.00, 4418000.00) GC
331. 80.73489 (04062624) AT (535000.00, 4418000.00) GC
371. 73.81836 (04050324) AT (535500.00, 4418000.00) GC
332. 80.42872 (04013024) AT (534987.00, 4418091.00) DC
372. 73.81157 (04082524) AT (535000.00, 4418000.00) GC
333. 80.28461 (04010224) AT (535500.00, 4418000.00) GC
373. 73.74980 (04061724) AT (535000.00, 4418000.00) GC
334. 80.23689 (04080824) AT (535000.00, 4418000.00) GC
374. 73.37224 (04032124) AT (535500.00, 4418000.00) GC
335. 79.88562c(04122024) AT (536000.00, 4418000.00) GC
375. 73.34323 (04022624) AT (535000.00, 4418000.00) GC
336. 79.82987 (04011924) AT (534987.00, 4418091.00) DC
376. 73.20199 (04093024) AT (535500.00, 4418000.00) GC
337. 79.82008 (04022024) AT (535000.00, 4418000.00) GC
377. 73.17045 (04101724) AT (535500.00, 4417500.00) GC
338. 79.81666 (04070224) AT (535000.00, 4418000.00) GC
378. 73.14369 (04021124) AT (535500.00, 4418000.00) GC
339. 79.31396 (04122624) AT (535500.00, 4418500.00) GC
379. 73.10974 (04012524) AT (534987.00, 4418091.00) DC
340. 79.24287 (04042724) AT (535000.00, 4418000.00) GC
380. 72.98907 (04060824) AT (535000.00, 4418000.00) GC
341. 79.12900 (04122524) AT (535500.00, 4418000.00) GC
381. 72.97596 (04121824) AT (535500.00, 4418000.00) GC
342. 79.08609 (04071124) AT (535000.00, 4418000.00) GC
382. 72.76438 (04092324) AT (534987.00, 4418091.00) DC
343. 79.03061 (04012824) AT (535500.00, 4417500.00) GC
383. 72.75212 (04062524) AT (535000.00, 4418000.00) GC
344. 79.00832 (04121124) AT (535500.00, 4417500.00) GC

384. 72.31983 (04010824) AT (535500.00, 4417500.00) GC
345. 78.83376 (04040824) AT (535500.00, 4417500.00) GC
385. 72.27191 (04012124) AT (534987.00, 4418091.00) DC
346. 78.67434 (04052224) AT (535000.00, 4418000.00) GC
386. 71.83802 (04082924) AT (535000.00, 4418000.00) GC
347. 78.48561 (04052824) AT (535000.00, 4418000.00) GC
387. 71.69999 (04062224) AT (535000.00, 4418000.00) GC
348. 78.40877 (04110324) AT (535500.00, 4417000.00) GC
388. 71.66566 (04112124) AT (535000.00, 4418000.00) GC
349. 78.27577 (04050924) AT (535500.00, 4417500.00) GC
389. 71.60728 (04030524) AT (535000.00, 4418000.00) GC
350. 78.24790 (04072724) AT (535000.00, 4418000.00) GC
390. 71.58884 (04022724) AT (535000.00, 4418000.00) GC
351. 78.13511 (04050624) AT (535000.00, 4418000.00) GC
391. 71.56119 (04111724) AT (535500.00, 4417500.00) GC
352. 78.07367 (04050924) AT (534987.00, 4418091.00) DC
392. 71.54882 (04111024) AT (535000.00, 4416500.00) GC
353. 77.78868 (04122924) AT (535500.00, 4417500.00) GC
393. 71.10874 (04031024) AT (534987.00, 4418091.00) DC
354. 77.59172 (04021824) AT (534987.00, 4418091.00) DC
394. 70.85267 (04022324) AT (535500.00, 4417500.00) GC
355. 77.26497 (04120524) AT (535500.00, 4417500.00) GC
395. 70.84926 (04080624) AT (535000.00, 4418000.00) GC
356. 77.21535 (04042924) AT (535000.00, 4418000.00) GC
396. 70.68441 (04030724) AT (535000.00, 4418000.00) GC
357. 76.90590c(04031924) AT (534987.00, 4418091.00) DC
397. 70.43123 (04091224) AT (535000.00, 4418000.00) GC
358. 76.89434 (04043024) AT (535000.00, 4418000.00) GC
398. 70.39906 (04031724) AT (535000.00, 4418000.00) GC
359. 76.77150 (04121824) AT (534987.00, 4418091.00) DC
399. 70.12580 (04111824) AT (534987.00, 4418091.00) DC
360. 76.74588 (04112524) AT (535500.00, 4418000.00) GC

400. 69.89704 (04082024) AT (535000.00, 4418000.00) GC
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 10:22:23

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 **MODELOPTs: RegDFAULT CONC DDEP
  ELEV
  DRYDPLT
  WETDPLT

*** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

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

 RANK CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE RANK
  CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE
 - - -

445. 62.06015 (04103024) AT (534987.00, 4418091.00) DC
406. 69.30326 (04081024) AT (535000.00, 4418000.00) GC
446. 62.01634 (04101024) AT (535500.00, 4417000.00) GC
407. 69.10919 (04100924) AT (535500.00, 4418000.00) GC
447. 61.85287 (04072324) AT (535000.00, 4418000.00) GC
408. 69.02593 (04022624) AT (535500.00, 4417500.00) GC
448. 61.66514 (04072124) AT (535000.00, 4418000.00) GC
409. 69.02581 (04062924) AT (535000.00, 4418000.00) GC
449. 61.56957c(04121424) AT (534987.00, 4418091.00) DC
410. 68.30492 (04032124) AT (535500.00, 4417000.00) GC
450. 61.52385 (04021224) AT (535500.00, 4417500.00) GC
411. 68.21745 (04072524) AT (535000.00, 4418000.00) GC
451. 61.48899 (04062024) AT (535000.00, 4418000.00) GC
412. 67.89614 (04080724) AT (535000.00, 4418000.00) GC
452. 61.35951 (04032224) AT (534987.00, 4418091.00) DC
413. 67.26939 (04010824) AT (535000.00, 4418000.00) GC
453. 60.75896 (04090424) AT (535000.00, 4418000.00) GC
414. 67.07424 (04090224) AT (535000.00, 4418000.00) GC
454. 60.36383 (04062824) AT (535500.00, 4417000.00) GC
415. 66.74766 (04090924) AT (535000.00, 4418000.00) GC
455. 60.15264 (04061524) AT (535000.00, 4418000.00) GC
416. 66.64352 (04112624) AT (535000.00, 4418000.00) GC
456. 60.10545 (04111524) AT (534987.00, 4418091.00) DC
417. 66.60191 (04051424) AT (535500.00, 4417500.00) GC
457. 60.08387 (04110724) AT (535500.00, 4417000.00) GC
418. 65.98614 (04032124) AT (534987.00, 4418091.00) DC
458. 60.05644 (04012024) AT (535000.00, 4418000.00) GC
419. 65.76214 (04080224) AT (535000.00, 4418000.00) GC
459. 59.92235 (04111824) AT (535500.00, 4418000.00) GC
420. 65.73581 (04051024) AT (535000.00, 4418000.00) GC
460. 59.80977 (04082924) AT (535500.00, 4417500.00) GC
421. 65.55002 (04111124) AT (534500.00, 4415500.00) GC

461. 59.69753 (04051124) AT (535000.00, 4418000.00) GC
422. 65.20458 (04030224) AT (534987.00, 4418091.00) DC
462. 59.48868c(04010324) AT (535500.00, 4417500.00) GC
423. 65.18997 (04051624) AT (535000.00, 4418000.00) GC
463. 59.40697 (04122324) AT (534987.00, 4418091.00) DC
424. 64.88785 (04032724) AT (535000.00, 4418000.00) GC
464. 59.23925 (04111924) AT (534987.00, 4418091.00) DC
425. 64.54723 (04012424) AT (534987.00, 4418091.00) DC
465. 59.15363 (04122924) AT (534987.00, 4418091.00) DC
426. 64.52047 (04010224) AT (535500.00, 4418500.00) GC
466. 59.12216 (04052924) AT (535000.00, 4418000.00) GC

427. 64.35695 (04062324) AT (535000.00, 4418000.00) GC
467. 58.90894 (04120224) AT (535500.00, 4418000.00) GC
428. 63.96115 (04071224) AT (535000.00, 4418000.00) GC
468. 58.85778 (04122124) AT (535500.00, 4418500.00) GC
429. 63.76041 (04012124) AT (535500.00, 4418000.00) GC
469. 58.10463 (04080124) AT (535000.00, 4418000.00) GC
430. 63.32955 (04091024) AT (535000.00, 4418000.00) GC
470. 57.90838 (04121224) AT (535500.00, 4418000.00) GC
431. 63.31213 (04010524) AT (535000.00, 4418000.00) GC
471. 57.85665 (04052524) AT (535500.00, 4416500.00) GC
432. 63.11230 (04060924) AT (535500.00, 4417500.00) GC
472. 57.76556 (04073124) AT (535000.00, 4418000.00) GC
433. 62.95167 (04081524) AT (535000.00, 4418000.00) GC
473. 57.73199c(04122424) AT (535500.00, 4418000.00) GC
434. 62.94273 (04040124) AT (535500.00, 4417500.00) GC
474. 57.65060 (04092424) AT (535000.00, 4416500.00) GC
435. 62.89073 (04050824) AT (534987.00, 4418091.00) DC
475. 57.37532 (04120524) AT (535500.00, 4417000.00) GC
436. 62.84035c(04011224) AT (536000.00, 4418000.00) GC
476. 57.37441 (04112324) AT (534987.00, 4418091.00) DC

437. 62.77171 (04121824) AT (535500.00, 4418500.00) GC
477. 57.24686 (04111124) AT (535000.00, 4416000.00) GC
438. 62.69750 (04052524) AT (535000.00, 4418000.00) GC
478. 57.07120 (04032724) AT (535500.00, 4417500.00) GC
439. 62.56847 (04122524) AT (534987.00, 4418091.00) DC
479. 57.01703c(04011324) AT (536000.00, 4417500.00) GC
440. 62.52008 (04091524) AT (535000.00, 4416500.00) GC
480. 56.93175 (04040524) AT (535500.00, 4417500.00) GC

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
*** 10:22:23

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

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

RANK CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE RANK
CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE
- - - -

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  482.      56.86489c(04100124) AT ( 536000.00, 4417500.00)  GC
492.      55.20600c(04011324) AT ( 536000.00, 4418000.00)  GC
  483.      56.78112 (04082424) AT ( 535000.00, 4418000.00)  GC
493.      55.18099 (04022024) AT ( 535500.00, 4418000.00)  GC
  484.      56.68292 (04111024) AT ( 535500.00, 4417000.00)  GC
494.      55.11017 (04100824) AT ( 536000.00, 4418000.00)  GC
  485.      56.04748 (04111124) AT ( 534500.00, 4416000.00)  GC
495.      54.54682 (04120124) AT ( 536000.00, 4418000.00)  GC
  486.      56.01001 (04111224) AT ( 535500.00, 4417000.00)  GC
496.      54.13101 (04050224) AT ( 535500.00, 4417500.00)  GC
  487.      55.98057c(04011224) AT ( 536000.00, 4418500.00)  GC
497.      54.12395 (04081224) AT ( 534987.00, 4418091.00)  DC
  488.      55.74473 (04051224) AT ( 535000.00, 4418000.00)  GC
498.      54.02809 (04020324) AT ( 535500.00, 4417000.00)  GC
  489.      55.65058 (04110724) AT ( 535000.00, 4416500.00)  GC
499.      54.01773 (04061024) AT ( 535500.00, 4417000.00)  GC
  490.      55.58165 (04110724) AT ( 534987.00, 4418091.00)  DC
500.      53.91888 (04072624) AT ( 535500.00, 4417000.00)  GC

  *** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/27/11
                                  ***
                                  ***        10:22:23

                                              PAGE  50
 **MODELOPTs:  RegDFAULT CONC                DDEP
  ELEV
                                                                  DRYDPLT
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WETDPLT

*** THE MAXIMUM 500 24-HR DRY DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

** DEPO OF PM10 IN GRAMS/M**2 **

RANK	DEPO	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	DEPO	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
1.	0.12538	(04070824)	AT	(535000.00, 4418000.00)	GC	41.	0.08401	(04112424)	AT	(535000.00, 4418000.00)	GC
2.	0.12378	(04070924)	AT	(535000.00, 4418000.00)	GC	42.	0.08395	(04061524)	AT	(535000.00, 4418000.00)	GC
3.	0.12269	(04070524)	AT	(535000.00, 4418000.00)	GC	43.	0.08392	(04012324)	AT	(535000.00, 4418000.00)	GC
4.	0.12182	(04041424)	AT	(535000.00, 4418000.00)	GC	44.	0.08332	(04021024)	AT	(535000.00, 4418000.00)	GC
5.	0.12138	(04021324)	AT	(535000.00, 4418000.00)	GC	45.	0.08328	(04032124)	AT	(535000.00, 4418000.00)	GC
6.	0.11443	(04072024)	AT	(535000.00, 4418000.00)	GC	46.	0.08327	(04091224)	AT	(535000.00, 4418000.00)	GC
7.	0.11429	(04072124)	AT	(535000.00, 4418000.00)	GC	47.	0.08292	(04101224)	AT	(535000.00, 4418000.00)	GC
8.	0.10640	(04071924)	AT	(535000.00, 4418000.00)	GC	48.	0.08205	(04020824)	AT	(535000.00, 4418000.00)	GC
9.	0.10576	(04090624)	AT	(535000.00, 4418000.00)	GC	49.	0.08172	(04110424)	AT	(535000.00, 4418000.00)	GC
10.	0.10278	(04101324)	AT	(535000.00, 4418000.00)	GC						

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50.       0.08170 (04040324) AT ( 535000.00, 4418000.00)  GC
   11.       0.10247 (04081624) AT ( 535000.00, 4418000.00)  GC
51.       0.08134 (04062824) AT ( 535000.00, 4418000.00)  GC
   12.       0.10168 (04021224) AT ( 535000.00, 4418000.00)  GC
52.       0.08101 (04052624) AT ( 535000.00, 4418000.00)  GC
   13.       0.10143 (04021524) AT ( 535000.00, 4418000.00)  GC
53.       0.08023 (04090224) AT ( 535000.00, 4418000.00)  GC
   14.       0.10065 (04112024) AT ( 535000.00, 4418000.00)  GC
54.       0.08005 (04050324) AT ( 535000.00, 4418000.00)  GC
   15.       0.09905 (04090324) AT ( 535000.00, 4418000.00)  GC
55.       0.08001c(04020224) AT ( 535000.00, 4418000.00)  GC
   16.       0.09723 (04070724) AT ( 535000.00, 4418000.00)  GC
56.       0.07942 (04071324) AT ( 535000.00, 4418000.00)  GC
   17.       0.09654 (04041624) AT ( 535000.00, 4418000.00)  GC
57.       0.07919 (04032224) AT ( 535000.00, 4418000.00)  GC
   18.       0.09650 (04042724) AT ( 535000.00, 4418000.00)  GC
58.       0.07896 (04042824) AT ( 535000.00, 4418000.00)  GC
   19.       0.09628 (04070424) AT ( 535000.00, 4418000.00)  GC
59.       0.07848 (04071724) AT ( 535000.00, 4418000.00)  GC
   20.       0.09621 (04031424) AT ( 535000.00, 4418000.00)  GC
60.       0.07832 (04100624) AT ( 535000.00, 4418000.00)  GC
   21.       0.09611 (04100524) AT ( 535000.00, 4418000.00)  GC
61.       0.07732 (04052524) AT ( 535000.00, 4418000.00)  GC
   22.       0.09556 (04040624) AT ( 535000.00, 4418000.00)  GC
62.       0.07703 (04031724) AT ( 535000.00, 4418000.00)  GC
   23.       0.09484 (04040824) AT ( 535000.00, 4418000.00)  GC
63.       0.07695 (04022824) AT ( 535000.00, 4418000.00)  GC
   24.       0.09427 (04071424) AT ( 535000.00, 4418000.00)  GC
64.       0.07673 (04051524) AT ( 535000.00, 4418000.00)  GC
   25.       0.09387 (04090724) AT ( 535000.00, 4418000.00)  GC
65.       0.07627 (04040224) AT ( 535000.00, 4418000.00)  GC
   26.       0.09354 (04012224) AT ( 535000.00, 4418000.00)  GC
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66.       0.07586 (04051924) AT ( 535000.00, 4418000.00)  GC
   27.       0.09332 (04052824) AT ( 535000.00, 4418000.00)  GC
67.       0.07584 (04071824) AT ( 535000.00, 4418000.00)  GC
   28.       0.09276 (04070624) AT ( 535000.00, 4418000.00)  GC
68.       0.07559 (04090524) AT ( 535000.00, 4418000.00)  GC
   29.       0.09203 (04072224) AT ( 535000.00, 4418000.00)  GC
69.       0.07543 (04091724) AT ( 535000.00, 4418000.00)  GC
   30.       0.09050 (04071024) AT ( 535000.00, 4418000.00)  GC
70.       0.07510 (04032524) AT ( 535000.00, 4418000.00)  GC
   31.       0.08968 (04080224) AT ( 535000.00, 4418000.00)  GC
71.       0.07463 (04051224) AT ( 535000.00, 4418000.00)  GC
   32.       0.08895 (04052724) AT ( 535000.00, 4418000.00)  GC
72.       0.07451 (04040524) AT ( 535000.00, 4418000.00)  GC
   33.       0.08871 (04050724) AT ( 535000.00, 4418000.00)  GC
73.       0.07447 (04112724) AT ( 535000.00, 4418000.00)  GC
   34.       0.08845 (04080124) AT ( 535000.00, 4418000.00)  GC
74.       0.07409c(04020724) AT ( 535000.00, 4418000.00)  GC
   35.       0.08802 (04100424) AT ( 535000.00, 4418000.00)  GC
75.       0.07373 (04082824) AT ( 535000.00, 4418000.00)  GC
   36.       0.08654 (04071524) AT ( 535000.00, 4418000.00)  GC
76.       0.07361 (04013124) AT ( 535000.00, 4418000.00)  GC
   37.       0.08516 (04070124) AT ( 535000.00, 4418000.00)  GC
77.       0.07355 (04020924) AT ( 535000.00, 4418000.00)  GC
   38.       0.08461 (04051424) AT ( 535000.00, 4418000.00)  GC
78.       0.07336 (04060124) AT ( 535000.00, 4418000.00)  GC
   39.       0.08439 (04040724) AT ( 535000.00, 4418000.00)  GC
79.       0.07331 (04063024) AT ( 535000.00, 4418000.00)  GC
   40.       0.08429 (04091824) AT ( 535000.00, 4418000.00)  GC
80.       0.07325 (04070824) AT ( 535000.00, 4417500.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
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**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE MAXIMUM 500 24-HR DRY DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

** DEPO OF PM10 IN GRAMS/M**2 **

RANK	DEPO	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	DEPO	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
81.	0.07282	(04091124)	AT (535000.00, 4418000.00) GC	121.	0.06678	(04050924)	AT (535000.00, 4418000.00) GC
82.	0.07224	(04101124)	AT (535000.00, 4418000.00) GC	122.	0.06676	(04072324)	AT (535000.00, 4418000.00) GC
83.	0.07223	(04011624)	AT (535000.00, 4418000.00) GC	123.	0.06667	(04111624)	AT (535000.00, 4418000.00) GC
84.	0.07209	(04073124)	AT (535000.00, 4418000.00) GC	124.	0.06649	(04053124)	AT (535000.00, 4418000.00) GC
85.	0.07199	(04071224)	AT (535000.00, 4418000.00) GC	125.	0.06637	(04062524)	AT (535000.00, 4418000.00) GC
86.	0.07187	(04022024)	AT (535000.00, 4418000.00) GC	126.	0.06620	(04011824)	AT (535000.00, 4418000.00) GC
87.	0.07172	(04051724)	AT (535000.00, 4418000.00) GC				

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127.       0.06616 (04020424) AT ( 535000.00, 4418000.00)  GC
   88.       0.07171 (04070924) AT ( 535000.00, 4417500.00)  GC
128.       0.06609 (04042424) AT ( 535000.00, 4418000.00)  GC
   89.       0.07154 (04092524) AT ( 535000.00, 4418000.00)  GC
129.       0.06607 (04081524) AT ( 535000.00, 4418000.00)  GC
   90.       0.07131 (04022224) AT ( 535000.00, 4418000.00)  GC
130.       0.06604 (04020324) AT ( 535000.00, 4418000.00)  GC
   91.       0.07115 (04061924) AT ( 535000.00, 4418000.00)  GC
131.       0.06584 (04061024) AT ( 535000.00, 4418000.00)  GC
   92.       0.07103 (04090424) AT ( 535000.00, 4418000.00)  GC
132.       0.06553 (04080824) AT ( 535000.00, 4418000.00)  GC
   93.       0.07068 (04112824) AT ( 535000.00, 4418000.00)  GC
133.       0.06541 (04072424) AT ( 535000.00, 4418000.00)  GC
   94.       0.07053 (04030624) AT ( 535000.00, 4418000.00)  GC
134.       0.06537 (04032924) AT ( 535000.00, 4418000.00)  GC
   95.       0.07019 (04120224) AT ( 535000.00, 4418000.00)  GC
135.       0.06516 (04022324) AT ( 535000.00, 4418000.00)  GC
   96.       0.07007 (04032724) AT ( 535000.00, 4418000.00)  GC
136.       0.06512 (04081024) AT ( 535000.00, 4418000.00)  GC
   97.       0.06990 (04021424) AT ( 535000.00, 4418000.00)  GC
137.       0.06506 (04042024) AT ( 535000.00, 4418000.00)  GC
   98.       0.06980 (04120324) AT ( 535000.00, 4418000.00)  GC
138.       0.06504 (04052924) AT ( 535000.00, 4418000.00)  GC
   99.       0.06977 (04012024) AT ( 535000.00, 4418000.00)  GC
139.       0.06492 (04051824) AT ( 535000.00, 4418000.00)  GC
  100.       0.06969 (04101824) AT ( 535000.00, 4418000.00)  GC
140.       0.06482 (04121224) AT ( 535000.00, 4418000.00)  GC
  101.       0.06963 (04051124) AT ( 535000.00, 4418000.00)  GC
141.       0.06461 (04062724) AT ( 535000.00, 4418000.00)  GC
  102.       0.06957 (04041524) AT ( 535000.00, 4418000.00)  GC
142.       0.06458 (04090924) AT ( 535000.00, 4418000.00)  GC
  103.       0.06956 (04042624) AT ( 535000.00, 4418000.00)  GC
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143. 0.06448 (04022524) AT (535000.00, 4418000.00) GC
104. 0.06931 (04031024) AT (535000.00, 4418000.00) GC
144. 0.06435 (04031124) AT (535000.00, 4418000.00) GC
105. 0.06925 (04020124) AT (535000.00, 4418000.00) GC
145. 0.06430c(04120424) AT (535000.00, 4418000.00) GC
106. 0.06910 (04060924) AT (535000.00, 4418000.00) GC
146. 0.06421 (04040424) AT (535000.00, 4418000.00) GC
107. 0.06909 (04021624) AT (535000.00, 4418000.00) GC
147. 0.06416 (04033124) AT (535000.00, 4418000.00) GC
108. 0.06886 (04062324) AT (535000.00, 4418000.00) GC
148. 0.06414 (04032824) AT (535000.00, 4418000.00) GC
109. 0.06875 (04051324) AT (535000.00, 4418000.00) GC
149. 0.06388 (04091024) AT (535000.00, 4418000.00) GC
110. 0.06862 (04073024) AT (535000.00, 4418000.00) GC
150. 0.06384 (04121324) AT (535000.00, 4418000.00) GC
111. 0.06837 (04032624) AT (535000.00, 4418000.00) GC
151. 0.06357 (04101924) AT (535000.00, 4418000.00) GC
112. 0.06831 (04032324) AT (535000.00, 4418000.00) GC
152. 0.06351 (04012524) AT (535000.00, 4418000.00) GC
113. 0.06791 (04022724) AT (535000.00, 4418000.00) GC
153. 0.06323 (04050224) AT (535000.00, 4418000.00) GC
114. 0.06767 (04022624) AT (535000.00, 4418000.00) GC
154. 0.06320 (04081824) AT (535000.00, 4418000.00) GC
115. 0.06764 (04041224) AT (535000.00, 4418000.00) GC
155. 0.06319 (04030724) AT (535000.00, 4418000.00) GC
116. 0.06745 (04070524) AT (535000.00, 4417500.00) GC
156. 0.06308 (04062624) AT (535000.00, 4418000.00) GC
117. 0.06735 (04041024) AT (535000.00, 4418000.00) GC
157. 0.06287 (04012624) AT (535000.00, 4418000.00) GC
118. 0.06720 (04021924) AT (535000.00, 4418000.00) GC
158. 0.06286 (04112324) AT (535000.00, 4418000.00) GC
119. 0.06689 (04031824) AT (535000.00, 4418000.00) GC

159. 0.06284 (04050524) AT (535000.00, 4418000.00) GC
  120. 0.06681 (04021824) AT (535000.00, 4418000.00) GC
160. 0.06281 (04012424) AT (535000.00, 4418000.00) GC
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 10:22:23

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE MAXIMUM 500 24-HR DRY
DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

** DEPO OF PM10 IN
GRAMS/M**2 **

RANK DEPO (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE RANK
DEPO (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE
- - - -

204. 0.05858 (04082124) AT (535000.00, 4418000.00) GC
165. 0.06254 (04010924) AT (535000.00, 4418000.00) GC
205. 0.05853 (04082924) AT (535000.00, 4418000.00) GC
166. 0.06241 (04050824) AT (535000.00, 4418000.00) GC
206. 0.05825 (04061124) AT (535000.00, 4418000.00) GC
167. 0.06232 (04031624) AT (535000.00, 4418000.00) GC
207. 0.05824c(04052124) AT (535000.00, 4418000.00) GC
168. 0.06220 (04030524) AT (535000.00, 4418000.00) GC
208. 0.05816 (04100324) AT (535000.00, 4418000.00) GC
169. 0.06219 (04071124) AT (535000.00, 4418000.00) GC
209. 0.05815 (04101624) AT (535000.00, 4418000.00) GC
170. 0.06206 (04041824) AT (535000.00, 4418000.00) GC
210. 0.05810 (04082324) AT (535000.00, 4418000.00) GC
171. 0.06180 (04062424) AT (535000.00, 4418000.00) GC
211. 0.05799 (04031224) AT (535000.00, 4418000.00) GC
172. 0.06168 (04013024) AT (535000.00, 4418000.00) GC
212. 0.05794 (04030824) AT (535000.00, 4418000.00) GC
173. 0.06136 (04072124) AT (535000.00, 4417500.00) GC
213. 0.05792 (04082224) AT (535000.00, 4418000.00) GC
174. 0.06102 (04080324) AT (535000.00, 4418000.00) GC
214. 0.05789 (04051024) AT (535000.00, 4418000.00) GC
175. 0.06100 (04100924) AT (535000.00, 4418000.00) GC
215. 0.05774 (04081724) AT (535000.00, 4418000.00) GC
176. 0.06095 (04040624) AT (534987.00, 4418091.00) DC
216. 0.05762 (04053024) AT (535000.00, 4418000.00) GC
177. 0.06076 (04120924) AT (535000.00, 4418000.00) GC
217. 0.05756 (04082524) AT (535000.00, 4418000.00) GC
178. 0.06071 (04060624) AT (535000.00, 4418000.00) GC
218. 0.05756 (04061724) AT (535000.00, 4418000.00) GC
179. 0.06063 (04012724) AT (535000.00, 4418000.00) GC
219. 0.05750 (04010824) AT (535000.00, 4418000.00) GC
180. 0.06057 (04101324) AT (535000.00, 4417500.00) GC

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220.       0.05734 (04051624) AT ( 535000.00, 4418000.00)  GC
  181.       0.06035 (04061824) AT ( 535000.00, 4418000.00)  GC
221.       0.05734 (04100824) AT ( 535000.00, 4418000.00)  GC
  182.       0.06019 (04022124) AT ( 535000.00, 4418000.00)  GC
222.       0.05730 (04060224) AT ( 535000.00, 4418000.00)  GC
  183.       0.06018 (04081224) AT ( 535000.00, 4418000.00)  GC
223.       0.05724 (04070224) AT ( 535000.00, 4418000.00)  GC
  184.       0.06007 (04060824) AT ( 535000.00, 4418000.00)  GC
224.       0.05712 (04033024) AT ( 535000.00, 4418000.00)  GC
  185.       0.06003 (04060424) AT ( 535000.00, 4418000.00)  GC
225.       0.05703 (04112224) AT ( 535000.00, 4418000.00)  GC
  186.       0.06000 (04050624) AT ( 535000.00, 4418000.00)  GC
226.       0.05686 (04102924) AT ( 535000.00, 4418000.00)  GC
  187.       0.05996 (04043024) AT ( 535000.00, 4418000.00)  GC
227.       0.05676 (04092324) AT ( 535000.00, 4418000.00)  GC
  188.       0.05993 (04072924) AT ( 535000.00, 4418000.00)  GC
228.       0.05670 (04080424) AT ( 535000.00, 4418000.00)  GC
  189.       0.05977 (04061424) AT ( 535000.00, 4418000.00)  GC
229.       0.05652 (04102124) AT ( 535000.00, 4418000.00)  GC
  190.       0.05972 (04101724) AT ( 535000.00, 4418000.00)  GC
230.       0.05647 (04041424) AT ( 534987.00, 4418091.00)  DC
  191.       0.05971 (04072024) AT ( 535000.00, 4417500.00)  GC
231.       0.05640 (04062224) AT ( 535000.00, 4418000.00)  GC
  192.       0.05967 (04072724) AT ( 535000.00, 4418000.00)  GC
232.       0.05623 (04061224) AT ( 535000.00, 4418000.00)  GC
  193.       0.05966 (04090124) AT ( 535000.00, 4418000.00)  GC
233.       0.05615 (04060524) AT ( 535000.00, 4418000.00)  GC
  194.       0.05960c(04121424) AT ( 535000.00, 4418000.00)  GC
234.       0.05613 (04080924) AT ( 535000.00, 4418000.00)  GC
  195.       0.05952 (04080524) AT ( 535000.00, 4418000.00)  GC
235.       0.05610 (04071624) AT ( 535000.00, 4418000.00)  GC
  196.       0.05948 (04042924) AT ( 535000.00, 4418000.00)  GC
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236.       0.05606 (04112624) AT ( 535000.00, 4418000.00)  GC
  197.       0.05913c(04031324) AT ( 535000.00, 4418000.00)  GC
237.       0.05603 (04010524) AT ( 535000.00, 4418000.00)  GC
  198.       0.05911 (04012924) AT ( 535000.00, 4418000.00)  GC
238.       0.05598 (04092424) AT ( 535000.00, 4418000.00)  GC
  199.       0.05906 (04072524) AT ( 535000.00, 4418000.00)  GC
239.       0.05595 (04100724) AT ( 535000.00, 4418000.00)  GC
  200.       0.05902 (04062924) AT ( 535000.00, 4418000.00)  GC
240.       0.05595 (04101424) AT ( 535000.00, 4418000.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
                                  ***        10:22:23

                                              PAGE  53
 **MODELOPTs:  RegDFAULT CONC                DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

                                *** THE MAXIMUM  500  24-HR     DRY
DEPOSITION      VALUES FOR SOURCE GROUP:  ESER     ***
                                    INCLUDING SOURCE(S):    AREA    ,

                                        ** DEPO OF PM10     IN
GRAMS/M**2                               **

 RANK        DEPO    (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE    RANK
       DEPO    (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
  241.       0.05592 (04010724) AT ( 535000.00, 4418000.00)  GC
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281. 0.05346 (04091924) AT (535000.00, 4418000.00) GC
242. 0.05588 (04121724) AT (535000.00, 4418000.00) GC
282. 0.05338 (04011524) AT (535000.00, 4418000.00) GC
243. 0.05586 (04121524) AT (535000.00, 4418000.00) GC
283. 0.05313 (04091324) AT (535000.00, 4418000.00) GC
244. 0.05579 (04081924) AT (535000.00, 4418000.00) GC
284. 0.05309 (04030124) AT (535000.00, 4418000.00) GC
245. 0.05556 (04021724) AT (535000.00, 4418000.00) GC
285. 0.05306 (04102024) AT (535000.00, 4418000.00) GC
246. 0.05548 (04060324) AT (535000.00, 4418000.00) GC
286. 0.05298 (04070724) AT (535000.00, 4417500.00) GC
247. 0.05546 (04041724) AT (535000.00, 4418000.00) GC
287. 0.05297 (04061624) AT (535000.00, 4418000.00) GC
248. 0.05537c(04100124) AT (535000.00, 4418000.00) GC
288. 0.05277 (04102424) AT (535000.00, 4418000.00) GC
249. 0.05536 (04120524) AT (535000.00, 4418000.00) GC
289. 0.05276 (04021424) AT (535500.00, 4417000.00) GC
250. 0.05529 (04052024) AT (535000.00, 4418000.00) GC
290. 0.05275 (04081324) AT (535000.00, 4418000.00) GC
251. 0.05521c(04122424) AT (535000.00, 4418000.00) GC
291. 0.05255 (04050124) AT (535000.00, 4418000.00) GC
252. 0.05519 (04081424) AT (535000.00, 4418000.00) GC
292. 0.05248 (04031524) AT (535000.00, 4418000.00) GC
253. 0.05511 (04082424) AT (535000.00, 4418000.00) GC
293. 0.05235 (04070424) AT (535000.00, 4417500.00) GC
254. 0.05483 (04111724) AT (535000.00, 4418000.00) GC
294. 0.05219 (04082024) AT (535000.00, 4418000.00) GC
255. 0.05482 (04070324) AT (535000.00, 4418000.00) GC
295. 0.05208 (04041624) AT (535500.00, 4417000.00) GC
256. 0.05478 (04092924) AT (535000.00, 4418000.00) GC
296. 0.05195 (04102724) AT (535000.00, 4418000.00) GC
257. 0.05477 (04040824) AT (534987.00, 4418091.00) DC

297. 0.05194 (04122824) AT (535000.00, 4418000.00) GC
258. 0.05471 (04090624) AT (535000.00, 4417500.00) GC
298. 0.05181 (04062024) AT (535000.00, 4418000.00) GC
259. 0.05465 (04032424) AT (535000.00, 4418000.00) GC
299. 0.05176 (04091524) AT (535000.00, 4418000.00) GC
260. 0.05465 (04081124) AT (535000.00, 4418000.00) GC
300. 0.05172 (04112924) AT (535000.00, 4418000.00) GC
261. 0.05459 (04020524) AT (535000.00, 4418000.00) GC
301. 0.05170 (04020624) AT (535000.00, 4418000.00) GC
262. 0.05454 (04061324) AT (535000.00, 4418000.00) GC
302. 0.05158 (04011924) AT (535000.00, 4418000.00) GC
263. 0.05453 (04120824) AT (535000.00, 4418000.00) GC
303. 0.05153 (04060724) AT (535000.00, 4418000.00) GC
264. 0.05447 (04051524) AT (535500.00, 4417000.00) GC
304. 0.05143 (04030324) AT (535000.00, 4418000.00) GC
265. 0.05443 (04052424) AT (535000.00, 4418000.00) GC
305. 0.05141 (04103024) AT (535000.00, 4418000.00) GC
266. 0.05438c(04042524) AT (535000.00, 4418000.00) GC
306. 0.05139 (04083024) AT (535000.00, 4418000.00) GC
267. 0.05426 (04040124) AT (535000.00, 4418000.00) GC
307. 0.05120 (04080724) AT (535000.00, 4418000.00) GC
268. 0.05425 (04081624) AT (535000.00, 4417500.00) GC
308. 0.05119 (04072224) AT (535000.00, 4417500.00) GC
269. 0.05421 (04042324) AT (535000.00, 4418000.00) GC
309. 0.05107 (04052324) AT (535000.00, 4418000.00) GC
270. 0.05417 (04082624) AT (535000.00, 4418000.00) GC
310. 0.05100 (04071924) AT (535000.00, 4417500.00) GC
271. 0.05394 (04093024) AT (535000.00, 4418000.00) GC
311. 0.05098 (04031424) AT (535000.00, 4417500.00) GC
272. 0.05377 (04092224) AT (535000.00, 4418000.00) GC
312. 0.05097 (04101024) AT (535000.00, 4418000.00) GC
273. 0.05375 (04092824) AT (535000.00, 4418000.00) GC

313. 0.05091 (04041124) AT (535000.00, 4418000.00) GC
274. 0.05372 (04110524) AT (535000.00, 4418000.00) GC
314. 0.05083 (04122124) AT (535000.00, 4418000.00) GC
275. 0.05372c(04072824) AT (535000.00, 4418000.00) GC
315. 0.05076 (04111824) AT (535000.00, 4418000.00) GC
276. 0.05368 (04100524) AT (535000.00, 4417500.00) GC
316. 0.05071 (04022924) AT (535000.00, 4418000.00) GC
277. 0.05360 (04040924) AT (535000.00, 4418000.00) GC
317. 0.05055 (04072624) AT (535000.00, 4418000.00) GC
278. 0.05358 (04042124) AT (535000.00, 4418000.00) GC
318. 0.05050 (04111924) AT (535000.00, 4418000.00) GC
279. 0.05351 (04090324) AT (535000.00, 4417500.00) GC
319. 0.05045 (04022224) AT (535500.00, 4417000.00) GC
280. 0.05350 (04100224) AT (535000.00, 4418000.00) GC
320. 0.05031 (04122224) AT (535000.00, 4418000.00) GC

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
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**MODELOPTs: RegDFAULT CONC DDEP
ELEV

DRYDPLT

WETDPLT

*** THE MAXIMUM 500 24-HR DRY
DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

** DEPO OF PM10 IN
GRAMS/M**2 **

```
 RANK         DEPO    (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE    RANK
       DEPO    (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
  321.       0.05002 (04021224) AT ( 534987.00, 4418091.00)  DC
361.       0.04567 (04122324) AT ( 535000.00, 4418000.00)  GC
  322.       0.04979 (04070624) AT ( 535000.00, 4417500.00)  GC
362.       0.04558 (04112124) AT ( 535000.00, 4418000.00)  GC
  323.       0.04976 (04090724) AT ( 535000.00, 4417500.00)  GC
363.       0.04556 (04111324) AT ( 535000.00, 4418000.00)  GC
  324.       0.04974c(04041924) AT ( 535000.00, 4418000.00)  GC
364.       0.04550 (04110324) AT ( 535000.00, 4418000.00)  GC
  325.       0.04973 (04011724) AT ( 535000.00, 4418000.00)  GC
365.       0.04545 (04121624) AT ( 535000.00, 4418000.00)  GC
  326.       0.04973 (04011424) AT ( 535000.00, 4418000.00)  GC
366.       0.04544 (04052724) AT ( 535000.00, 4417500.00)  GC
  327.       0.04962 (04122524) AT ( 535000.00, 4418000.00)  GC
367.       0.04534 (04021124) AT ( 535000.00, 4418000.00)  GC
  328.       0.04959c(04122024) AT ( 535000.00, 4418000.00)  GC
368.       0.04534 (04112224) AT ( 535500.00, 4417000.00)  GC
  329.       0.04958 (04032024) AT ( 535000.00, 4418000.00)  GC
369.       0.04530 (04122624) AT ( 535000.00, 4418000.00)  GC
  330.       0.04948 (04052224) AT ( 535000.00, 4418000.00)  GC
370.       0.04519 (04092624) AT ( 535000.00, 4418000.00)  GC
  331.       0.04947 (04021524) AT ( 534987.00, 4418091.00)  DC
371.       0.04510 (04080124) AT ( 535000.00, 4417500.00)  GC
  332.       0.04940 (04011124) AT ( 535000.00, 4418000.00)  GC
372.       0.04504c(04010324) AT ( 535000.00, 4418000.00)  GC
  333.       0.04921c(04011324) AT ( 535000.00, 4418000.00)  GC
373.       0.04500 (04103124) AT ( 535000.00, 4418000.00)  GC
  334.       0.04915 (04100424) AT ( 535000.00, 4417500.00)  GC
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374. 0.04492 (04121824) AT (535000.00, 4418000.00) GC
335. 0.04900 (04092724) AT (535000.00, 4418000.00) GC
375. 0.04478 (04110924) AT (535000.00, 4418000.00) GC
336. 0.04885 (04091424) AT (535000.00, 4418000.00) GC
376. 0.04466 (04052624) AT (535000.00, 4417500.00) GC
337. 0.04877 (04112524) AT (535000.00, 4418000.00) GC
377. 0.04442 (04110724) AT (535000.00, 4418000.00) GC
338. 0.04868 (04121024) AT (535000.00, 4418000.00) GC
378. 0.04437 (04111524) AT (535000.00, 4418000.00) GC
339. 0.04837 (04112024) AT (534987.00, 4418091.00) DC
379. 0.04436 (04092024) AT (535000.00, 4418000.00) GC
340. 0.04823 (04120724) AT (535000.00, 4418000.00) GC
380. 0.04435 (04011824) AT (534987.00, 4418091.00) DC
341. 0.04809 (04090824) AT (535000.00, 4418000.00) GC
381. 0.04421c(04122724) AT (535000.00, 4418000.00) GC
342. 0.04767 (04080624) AT (535000.00, 4418000.00) GC
382. 0.04415 (04110424) AT (535000.00, 4417500.00) GC
343. 0.04752 (04083124) AT (535000.00, 4418000.00) GC
383. 0.04400 (04051424) AT (535500.00, 4417500.00) GC
344. 0.04734 (04111424) AT (535000.00, 4418000.00) GC
384. 0.04396 (04071524) AT (535000.00, 4417500.00) GC
345. 0.04733 (04091624) AT (535000.00, 4418000.00) GC
385. 0.04377 (04110624) AT (535000.00, 4418000.00) GC
346. 0.04722 (04120124) AT (535000.00, 4418000.00) GC
386. 0.04373c(04121924) AT (535000.00, 4418000.00) GC
347. 0.04715 (04092124) AT (535000.00, 4418000.00) GC
387. 0.04350 (04102224) AT (535000.00, 4418000.00) GC
348. 0.04704 (04010624) AT (535000.00, 4418000.00) GC
388. 0.04337 (04101524) AT (535000.00, 4418000.00) GC
349. 0.04701 (04071024) AT (535000.00, 4417500.00) GC
389. 0.04330 (04021024) AT (535500.00, 4417500.00) GC
350. 0.04695 (04123024) AT (535000.00, 4418000.00) GC

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390.       0.04329 (04120224) AT ( 534987.00, 4418091.00)  DC
  351.       0.04688 (04102824) AT ( 535000.00, 4418000.00)  GC
391.       0.04325 (04112824) AT ( 534987.00, 4418091.00)  DC
  352.       0.04673 (04082724) AT ( 535000.00, 4418000.00)  GC
392.       0.04296 (04111024) AT ( 535000.00, 4418000.00)  GC
  353.       0.04673 (04011024) AT ( 535000.00, 4418000.00)  GC
393.       0.04278 (04102324) AT ( 535000.00, 4418000.00)  GC
  354.       0.04671 (04021324) AT ( 534987.00, 4418091.00)  DC
394.       0.04263 (04111124) AT ( 535000.00, 4418000.00)  GC
  355.       0.04662 (04012124) AT ( 535000.00, 4418000.00)  GC
395.       0.04260 (04020824) AT ( 535500.00, 4417500.00)  GC
  356.       0.04660 (04021324) AT ( 535500.00, 4417500.00)  GC
396.       0.04259 (04112424) AT ( 534987.00, 4418091.00)  DC
  357.       0.04617 (04121124) AT ( 535000.00, 4418000.00)  GC
397.       0.04249 (04091224) AT ( 535000.00, 4417500.00)  GC
  358.       0.04596 (04123124) AT ( 535000.00, 4418000.00)  GC
398.       0.04242 (04062824) AT ( 535000.00, 4417500.00)  GC
  359.       0.04593 (04010124) AT ( 535000.00, 4418000.00)  GC
399.       0.04237 (04052824) AT ( 535000.00, 4417500.00)  GC
  360.       0.04585 (04122924) AT ( 535000.00, 4418000.00)  GC
400.       0.04227 (04012724) AT ( 534987.00, 4418091.00)  DC
 *** AERMOD - VERSION 09292 ***     ***  NO TITLE SPECIFIED
                                    ***         10/27/11
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 **MODELOPTs:  RegDFAULT CONC                DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT
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*** THE MAXIMUM 500 24-HR DRY DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

** DEPO OF PM10 IN GRAMS/M**2 **

RANK	DEPO	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
401.	0.04211	(04021224) AT	(535500.00, 4417500.00)	GC
441.	0.03765	(04020924) AT	(535500.00, 4417500.00)	GC
402.	0.04203	(04120624) AT	(535000.00, 4418000.00)	GC
442.	0.03759	(04042824) AT	(535500.00, 4417500.00)	GC
403.	0.04201	(04040324) AT	(535500.00, 4417000.00)	GC
443.	0.03743	(04110824) AT	(535000.00, 4418000.00)	GC
404.	0.04155	(04102524) AT	(535000.00, 4418000.00)	GC
444.	0.03721	(04090524) AT	(535000.00, 4417500.00)	GC
405.	0.04143	(04011624) AT	(535500.00, 4417500.00)	GC
445.	0.03700	(04032524) AT	(535500.00, 4417500.00)	GC
406.	0.04134	(04113024) AT	(535000.00, 4418000.00)	GC
446.	0.03625	(04120324) AT	(534987.00, 4418091.00)	DC
407.	0.04126	(04050724) AT	(535500.00, 4417500.00)	GC
447.	0.03600	(04051124) AT	(535500.00, 4417500.00)	GC
408.	0.04096	(04071724) AT	(535000.00, 4417500.00)	GC
448.	0.03598	(04010824) AT	(535500.00, 4417500.00)	GC
409.	0.04088	(04010224) AT	(535000.00, 4418000.00)	GC
449.	0.03589	(04032224) AT	(534987.00, 4418091.00)	DC
410.	0.04088c	(04102624) AT	(535000.00, 4418000.00)	GC
450.	0.03566	(04040724) AT	(534987.00, 4418091.00)	DC
411.	0.04074	(04012024) AT	(534987.00, 4418091.00)	DC

451. 0.03557 (04090224) AT (535000.00, 4417500.00) GC
412. 0.04072 (04080224) AT (535000.00, 4417500.00) GC
452. 0.03541c(04011224) AT (535000.00, 4418000.00) GC
413. 0.04065c(04110124) AT (535000.00, 4418000.00) GC
453. 0.03536 (04032624) AT (535500.00, 4417500.00) GC
414. 0.04064 (04091824) AT (535000.00, 4417500.00) GC
454. 0.03535 (04070524) AT (535000.00, 4417000.00) GC
415. 0.04061 (04060124) AT (535500.00, 4417500.00) GC
455. 0.03531 (04022124) AT (535500.00, 4417000.00) GC
416. 0.04038 (04022824) AT (534987.00, 4418091.00) DC
456. 0.03525 (04041624) AT (535000.00, 4417500.00) GC
417. 0.04027 (04021524) AT (535500.00, 4417500.00) GC
457. 0.03524 (04031724) AT (535000.00, 4417500.00) GC
418. 0.04012 (04010424) AT (535000.00, 4418000.00) GC
458. 0.03482 (04051524) AT (535500.00, 4417500.00) GC
419. 0.04005 (04022724) AT (534987.00, 4418091.00) DC
459. 0.03481c(04121424) AT (535500.00, 4417000.00) GC
420. 0.04003c(04120424) AT (534987.00, 4418091.00) DC
460. 0.03470 (04090924) AT (535500.00, 4417000.00) GC
421. 0.04000 (04070824) AT (535000.00, 4417000.00) GC
461. 0.03441 (04091124) AT (535000.00, 4417500.00) GC
422. 0.03992 (04061524) AT (535000.00, 4417500.00) GC
462. 0.03439 (04073024) AT (535000.00, 4417500.00) GC
423. 0.03958 (04022024) AT (535500.00, 4417500.00) GC
463. 0.03419 (04101124) AT (534987.00, 4418091.00) DC
424. 0.03951 (04111224) AT (535000.00, 4418000.00) GC
464. 0.03410 (04121324) AT (534987.00, 4418091.00) DC
425. 0.03951 (04022424) AT (535000.00, 4418000.00) GC
465. 0.03404 (04092524) AT (534987.00, 4418091.00) DC
426. 0.03950 (04112724) AT (534987.00, 4418091.00) DC
466. 0.03388 (04073124) AT (535000.00, 4417500.00) GC
427. 0.03947 (04091724) AT (535000.00, 4417500.00) GC

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467.       0.03379 (04090424) AT ( 535500.00, 4417000.00)  GC
  428.       0.03916 (04012824) AT ( 535000.00, 4418000.00)  GC
468.       0.03370 (04112424) AT ( 535500.00, 4417500.00)  GC
  429.       0.03904 (04051224) AT ( 535500.00, 4417500.00)  GC
469.       0.03362 (04040524) AT ( 534987.00, 4418091.00)  DC
  430.       0.03899 (04041424) AT ( 535500.00, 4417500.00)  GC
470.       0.03354 (04112024) AT ( 535500.00, 4417500.00)  GC
  431.       0.03883 (04032124) AT ( 534987.00, 4418091.00)  DC
471.       0.03338 (04100624) AT ( 535000.00, 4417500.00)  GC
  432.       0.03865 (04071824) AT ( 535000.00, 4417500.00)  GC
472.       0.03337 (04022324) AT ( 534987.00, 4418091.00)  DC
  433.       0.03859 (04110224) AT ( 535000.00, 4418000.00)  GC
473.       0.03332 (04020324) AT ( 534987.00, 4418091.00)  DC
  434.       0.03848 (04070924) AT ( 535000.00, 4417000.00)  GC
474.       0.03304 (04032124) AT ( 535500.00, 4417500.00)  GC
  435.       0.03841c(04020224) AT ( 534987.00, 4418091.00)  DC
475.       0.03296 (04082924) AT ( 535500.00, 4417500.00)  GC
  436.       0.03826 (04112624) AT ( 535500.00, 4417000.00)  GC
476.       0.03295 (04041024) AT ( 534987.00, 4418091.00)  DC
  437.       0.03800 (04030424) AT ( 535000.00, 4418000.00)  GC
477.       0.03292 (04101324) AT ( 535000.00, 4417000.00)  GC
  438.       0.03780 (04070124) AT ( 535000.00, 4417500.00)  GC
478.       0.03275 (04100824) AT ( 535500.00, 4417500.00)  GC
  439.       0.03774 (04121224) AT ( 534987.00, 4418091.00)  DC
479.       0.03256c(04011324) AT ( 535500.00, 4417500.00)  GC
  440.       0.03766 (04071424) AT ( 535500.00, 4417500.00)  GC
480.       0.03255 (04120924) AT ( 534987.00, 4418091.00)  DC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
                                  ***        10:22:23
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**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE MAXIMUM 500 24-HR DRY
DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

** DEPO OF PM10 IN
GRAMS/M**2 **

RANK	DEPO	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	DEPO	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
481.	0.03248	(04051924)	AT (535000.00, 4417500.00) GC	491.	0.03136	(04072024)	AT (535000.00, 4417000.00) GC
482.	0.03247	(04022624)	AT (535500.00, 4417500.00) GC	492.	0.03122	(04013124)	AT (535000.00, 4417500.00) GC
483.	0.03243	(04070824)	AT (535500.00, 4417000.00) GC	493.	0.03105	(04032724)	AT (535500.00, 4417500.00) GC
484.	0.03242	(04053124)	AT (535500.00, 4417500.00) GC	494.	0.03104	(04013024)	AT (534987.00, 4418091.00) DC
485.	0.03220	(04072124)	AT (535000.00, 4417000.00) GC	495.	0.03084	(04012424)	AT (534987.00, 4418091.00) DC
486.	0.03215	(04122124)	AT (535500.00, 4417500.00) GC	496.	0.03071	(04012624)	AT (534987.00, 4418091.00) DC
487.	0.03214	(04052524)	AT (535500.00, 4417000.00) GC	497.	0.03051	(04042424)	AT (534987.00, 4418091.00) DC
488.	0.03187	(04090524)	AT (535500.00, 4417000.00) GC				

498. 0.03048 (04052524) AT (535500.00, 4417500.00) GC
489. 0.03165 (04111624) AT (534987.00, 4418091.00) DC
499. 0.03036 (04021624) AT (535500.00, 4417500.00) GC
490. 0.03152 (04032724) AT (534987.00, 4418091.00) DC
500. 0.03036 (04091024) AT (535500.00, 4417000.00) GC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
*** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 10:22:23

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

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

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

NETWORK
GROUP ID AVERAGE CONC RECEPTOR (XR,
YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

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

ESER     1ST HIGHEST VALUE IS     114.75272 AT (  535000.00,
4418000.00,   697.00,   697.00,    0.00)  GC  CALISMA
         2ND HIGHEST VALUE IS      31.80347 AT (  534987.00,
4418091.00,   692.00,   692.00,    0.00)  DC
         3RD HIGHEST VALUE IS      28.35226 AT (  535500.00,
4417500.00,   665.00,   665.00,    0.00)  GC  CALISMA
         4TH HIGHEST VALUE IS      16.70536 AT (  535500.00,
4417000.00,   672.00,   672.00,    0.00)  GC  CALISMA
         5TH HIGHEST VALUE IS      16.59073 AT (  535500.00,
4418000.00,   663.00,   663.00,    0.00)  GC  CALISMA
         6TH HIGHEST VALUE IS       9.11179 AT (  535000.00,
4417500.00,   739.00,   739.00,    0.00)  GC  CALISMA
         7TH HIGHEST VALUE IS       7.76056 AT (  535000.00,
4416500.00,   685.00,   685.00,    0.00)  GC  CALISMA
         8TH HIGHEST VALUE IS       6.91940 AT (  534500.00,
4416500.00,   733.00,   733.00,    0.00)  GC  CALISMA
         9TH HIGHEST VALUE IS       6.62730 AT (  535500.00,
4418500.00,   689.00,   689.00,    0.00)  GC  CALISMA
        10TH HIGHEST VALUE IS       6.58492 AT (  536000.00,
4417500.00,   704.00,   704.00,    0.00)  GC  CALISMA


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
```

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE SUMMARY OF
HIGHEST 24-HR RESULTS ***

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

GROUP ID RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE	DATE NETWORK (YYMMDDHH) GRID-ID
ESER HIGH 1ST HIGH VALUE IS 535000.00, 4418000.00, 697.00, 697.00, 0.00)	346.38875	ON 04012624: AT (GC CALISMA

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

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

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

** DEPO OF PM10 IN GRAMS/M**2/YR **

GROUP ID	NETWORK DRY DEPO OF TYPE	GRID-ID	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)
ESER	1ST HIGHEST VALUE IS	23.25186	AT (535000.00, 4418000.00, 697.00, 697.00, 0.00)
		GC	CALISMA
	2ND HIGHEST VALUE IS	4.73956	AT (534987.00, 4418091.00, 692.00, 692.00, 0.00)
		DC	
	3RD HIGHEST VALUE IS	4.69018	AT (535000.00, 4417500.00, 739.00, 739.00, 0.00)
		GC	CALISMA
	4TH HIGHEST VALUE IS	4.58583	AT (535500.00, 4417500.00, 665.00, 665.00, 0.00)
		GC	CALISMA
	5TH HIGHEST VALUE IS	3.63770	AT (535500.00,

```
4417000.00,   672.00,   672.00,    0.00)  GC  CALISMA
         6TH HIGHEST VALUE IS       2.17137 AT (  535500.00,
4418000.00,   663.00,   663.00,    0.00)  GC  CALISMA
         7TH HIGHEST VALUE IS       2.09733 AT (  535000.00,
4417000.00,   758.00,   758.00,    0.00)  GC  CALISMA
         8TH HIGHEST VALUE IS       0.94874 AT (  535000.00,
4416500.00,   685.00,   685.00,    0.00)  GC  CALISMA
         9TH HIGHEST VALUE IS       0.75757 AT (  535500.00,
4418500.00,   689.00,   689.00,    0.00)  GC  CALISMA
        10TH HIGHEST VALUE IS       0.72808 AT (  534500.00,
4416500.00,   733.00,   733.00,    0.00)  GC  CALISMA


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***        10:22:23

                                               PAGE  60
 **MODELOPTs:  RegDFAULT CONC                 DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

                                                  *** THE SUMMARY OF
HIGHEST 24-HR RESULTS ***
```

GROUP ID RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	DRY DEPO OF TYPE	DATE NETWORK (YYMMDDHH) GRID-ID

ESER HIGH 1ST HIGH VALUE IS 0.12538 ON 04070824: AT (
535000.00, 4418000.00, 697.00, 697.00, 0.00) GC CALISMA

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 10:22:23

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

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

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

```
 A Total of            0 Fatal Error Message(s)
 A Total of            4 Warning Message(s)
 A Total of           33 Informational Message(s)

 A Total of         8784 Hours Were Processed

 A Total of           33 Calm Hours Identified

 A Total of            0 Missing Hours Identified (  0.00 Percent)

 Met Data File Includes       0.00 Millimeters (     0.000 Inches) of
Precipitation


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


    ********   WARNING MESSAGES   ********
 OU W565   312 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   313 PERPLT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   314 PERPST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 MX W496  8785 MAIN  :Total precipitation in SURFFILE is zero (0.0) with
WetDepos

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

outputfile1

```
** BREEZE AERMOD
** Trinity Consultants
** VERSION  7.2

CO STARTING
CO TITLEONE  NO TITLE SPECIFIED
CO MODELOPT  DDEP  DFAULT  CONC
CO RUNORNOT  RUN
CO AVERTIME  8  24  ANNUAL
CO POLLUTID  PM10
CO FINISHED

SO STARTING
SO ELEVUNIT  METERS
SO LOCATION  AREA      AREA      534881.11  4418034.32  710
SO SRCPARAM  AREA      2.79E-06  1.5  1127  382  73  1.5
SO PARTDIAM  AREA      2.5  5  10  15  20
SO MASSFRAX  AREA      0.45  0.32  0.07  0.05  0.11
SO PARTDENS  AREA      1  1  1  1  1
SO SRCGROUP  ESER  AREA
SO FINISHED

RE STARTING
RE ELEVUNIT  METERS
RE GRIDCART CALISMA STA
RE GRIDCART CALISMA XYINC  528000  31  500  4410000  31  500
RE GRIDCART CALISMA ELEV  1  813  937  963  1067  1033  940  902  853
830  838
RE GRIDCART CALISMA ELEV  1  902  933  884  863  855  815  777  756  719
 761
RE GRIDCART CALISMA ELEV  1  736  734  705  680  677  679  710  745  738
 732
```

```
RE GRIDCART CALISMA ELEV  1  710
RE GRIDCART CALISMA ELEV  2  765  818  872  970  953  951  920  863  822
 855
RE GRIDCART CALISMA ELEV  2  835  877  909  840  817  802  768  772  717
 693
RE GRIDCART CALISMA ELEV  2  697  683  680  680  685  697  703  742  753
 740
RE GRIDCART CALISMA ELEV  2  727
RE GRIDCART CALISMA ELEV  3  868  793  857  887  877  954  908  881  874
 799
RE GRIDCART CALISMA ELEV  3  802  808  867  856  791  858  767  795  688
 676
RE GRIDCART CALISMA ELEV  3  680  687  708  706  737  740  741  732  775
 753
RE GRIDCART CALISMA ELEV  3  745
RE GRIDCART CALISMA ELEV  4  909  790  778  785  863  940  937  921  871
 818
RE GRIDCART CALISMA ELEV  4  801  765  794  833  776  730  747  717  670
 681
RE GRIDCART CALISMA ELEV  4  694  704  718  718  735  775  792  746  779
 766
RE GRIDCART CALISMA ELEV  4  754
RE GRIDCART CALISMA ELEV  5  928  806  800  749  818  922  978  969  929
 855
RE GRIDCART CALISMA ELEV  5  806  770  742  728  728  710  744  674  689
 701
RE GRIDCART CALISMA ELEV  5  713  716  728  742  751  771  779  752  774
 779
RE GRIDCART CALISMA ELEV  5  773
RE GRIDCART CALISMA ELEV  6  947  852  852  750  766  861  923  981  905
 857
RE GRIDCART CALISMA ELEV  6  817  790  780  750  740  703  683  677  708
```

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 722
RE GRIDCART CALISMA ELEV  6  751  748  738  750  743  791  792  774  781
 798
RE GRIDCART CALISMA ELEV  6  797
RE GRIDCART CALISMA ELEV  7  906  920  869  828  742  811  928  959  939
 912
RE GRIDCART CALISMA ELEV  7  852  823  806  742  722  692  875  696  769
 756
RE GRIDCART CALISMA ELEV  7  779  780  763  763  764  773  780  799  812
 824
RE GRIDCART CALISMA ELEV  7  835
RE GRIDCART CALISMA ELEV  8  905  897  849  823  736  764  846  899
1007  977
RE GRIDCART CALISMA ELEV  8  921  874  780  726  706  677  681  741  771
 798
RE GRIDCART CALISMA ELEV  8  765  766  770  778  778  790  806  820  851
 853
RE GRIDCART CALISMA ELEV  8  883
RE GRIDCART CALISMA ELEV  9  875  953  879  797  754  745  806  872  972
 976
RE GRIDCART CALISMA ELEV  9  900  871  778  764  694  671  713  742  777
 802
RE GRIDCART CALISMA ELEV  9  759  762  779  788  799  796  846  856  896
 892
RE GRIDCART CALISMA ELEV  9  916
RE GRIDCART CALISMA ELEV  10  830  892  883  843  745  736  797  893
961  941
RE GRIDCART CALISMA ELEV  10  868  797  766  767  701  668  690  704
716  733
RE GRIDCART CALISMA ELEV  10  750  789  799  816  849  825  840  934
947  931
RE GRIDCART CALISMA ELEV  10  978
```

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RE GRIDCART CALISMA ELEV  11  842  803  800  782  762  724  801  859
951  1001
RE GRIDCART CALISMA ELEV  11  900  811  769  740  696  669  685  709
722  746
RE GRIDCART CALISMA ELEV  11  765  800  835  880  871  857  845  893
945  981
RE GRIDCART CALISMA ELEV  11  1001
RE GRIDCART CALISMA ELEV  12  793  854  789  779  742  726  810  902
981  1013
RE GRIDCART CALISMA ELEV  12  945  847  749  712  673  667  731  712
762  774
RE GRIDCART CALISMA ELEV  12  783  856  934  920  909  919  868  889
1000  1038
RE GRIDCART CALISMA ELEV  12  1054
RE GRIDCART CALISMA ELEV  13  776  786  784  781  763  719  774  880
958  1014
RE GRIDCART CALISMA ELEV  13  918  855  774  688  666  712  724  713
759  799
RE GRIDCART CALISMA ELEV  13  823  847  940  937  982  966  919  943
919  1047
RE GRIDCART CALISMA ELEV  13  1084
RE GRIDCART CALISMA ELEV  14  767  752  751  746  732  716  803  870
950  1000
RE GRIDCART CALISMA ELEV  14  1008  934  815  733  685  665  676  701
753  816
RE GRIDCART CALISMA ELEV  14  839  915  986  981  1047  975  998  987
951  968
RE GRIDCART CALISMA ELEV  14  997
RE GRIDCART CALISMA ELEV  15  771  752  740  729  717  711  807  902
897  960
RE GRIDCART CALISMA ELEV  15  1014  961  815  822  758  672  667  691
745  801
```

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RE GRIDCART CALISMA ELEV  15  804  878  854  915  1009  999  1047  967
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RE GRIDCART CALISMA ELEV  15  968  999
RE GRIDCART CALISMA ELEV  16  755  739  731  723  709  707  774  814
903  929
RE GRIDCART CALISMA ELEV  16  980  930  894  816  739  665  704  730
728  761
RE GRIDCART CALISMA ELEV  16  782  857  810  845  905  933  973  1023
1022
RE GRIDCART CALISMA ELEV  16  1017  984
RE GRIDCART CALISMA ELEV  17  772  743  729  717  709  704  729  799
862  891
RE GRIDCART CALISMA ELEV  17  946  914  812  758  697  663  694  732
706  751
RE GRIDCART CALISMA ELEV  17  759  799  789  840  876  890  930  1022
1048
RE GRIDCART CALISMA ELEV  17  1069  1051
RE GRIDCART CALISMA ELEV  18  771  744  725  724  712  703  700  843
872  834
RE GRIDCART CALISMA ELEV  18  859  866  829  757  732  689  667  674
694  730
RE GRIDCART CALISMA ELEV  18  766  780  787  828  846  867  896  971
1096  1068
RE GRIDCART CALISMA ELEV  18  1110
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804  764
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685  740
RE GRIDCART CALISMA ELEV  19  789  803  801  821  832  843  857  918
1025  1048
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RE GRIDCART CALISMA ELEV  20  776  741  733  727  735  733  702  701
```

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695  704
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679  713
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959  958
RE GRIDCART CALISMA ELEV  20  985
RE GRIDCART CALISMA ELEV  21  771  739  738  742  753  760  729  725
780  730
RE GRIDCART CALISMA ELEV  21  687  708  697  774  762  772  682  666
686  689
RE GRIDCART CALISMA ELEV  21  735  741  766  791  786  818  855  936
1074  1024
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RE GRIDCART CALISMA ELEV  22  754  745  747  753  767  806  757  736
796  808
RE GRIDCART CALISMA ELEV  22  725  682  675  735  779  701  663  679
700  712
RE GRIDCART CALISMA ELEV  22  711  732  765  757  772  802  840  932
1047  1080
RE GRIDCART CALISMA ELEV  22  1086
RE GRIDCART CALISMA ELEV  23  755  759  762  767  777  807  774  752
828  776
RE GRIDCART CALISMA ELEV  23  725  714  672  694  762  661  674  717
712  705
RE GRIDCART CALISMA ELEV  23  711  740  747  746  761  780  809  876
976  1068
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RE GRIDCART CALISMA ELEV  24  763  775  785  790  794  848  799  778
829  833
RE GRIDCART CALISMA ELEV  24  768  734  694  677  665  662  735  764
751  729
RE GRIDCART CALISMA ELEV  24  726  720  728  735  742  750  780  816
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RE GRIDCART CALISMA ELEV  24  1051
RE GRIDCART CALISMA ELEV  25  794  789  812  817  810  877  832  815
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RE GRIDCART CALISMA ELEV  25  794  731  739  697  696  659  725  738
772  744
RE GRIDCART CALISMA ELEV  25  751  740  767  767  762  765  774  772
822  872
RE GRIDCART CALISMA ELEV  25  989
RE GRIDCART CALISMA ELEV  26  813  813  843  847  827  904  893  884
845  863
RE GRIDCART CALISMA ELEV  26  822  783  782  726  685  667  670  686
723  753
RE GRIDCART CALISMA ELEV  26  777  775  776  792  789  784  800  793
793  825
RE GRIDCART CALISMA ELEV  26  777
RE GRIDCART CALISMA ELEV  27  847  848  862  880  845  925  970  959
883  884
RE GRIDCART CALISMA ELEV  27  860  827  757  736  700  710  657  656
682  739
RE GRIDCART CALISMA ELEV  27  833  820  815  812  826  814  810  817
811  805
RE GRIDCART CALISMA ELEV  27  845
RE GRIDCART CALISMA ELEV  28  918  927  907  907  864  945  1016  983
943  913
RE GRIDCART CALISMA ELEV  28  903  833  756  753  712  736  721  662
663  729
RE GRIDCART CALISMA ELEV  28  838  881  826  817  861  860  845  843
846  859
RE GRIDCART CALISMA ELEV  28  823
RE GRIDCART CALISMA ELEV  29  970  998  952  928  895  952  1031  1037
991  936
```

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RE GRIDCART CALISMA ELEV  29  949  873  797  760  745  755  737  712
663  699
RE GRIDCART CALISMA ELEV  29  823  799  800  798  814  833  897  880
876  861
RE GRIDCART CALISMA ELEV  29  854
RE GRIDCART CALISMA ELEV  30  1033  1040  980  945  930  927  1024  1057
 1013
RE GRIDCART CALISMA ELEV  30  977  978  878  812  786  798  775  714
680  658
RE GRIDCART CALISMA ELEV  30  718  810  763  777  770  785  813  851
955  914
RE GRIDCART CALISMA ELEV  30  901  887
RE GRIDCART CALISMA ELEV  31  1098  1080  1013  1027  990  961  992
1100  1060
RE GRIDCART CALISMA ELEV  31  1100  1013  942  870  807  829  756  726
676  671
RE GRIDCART CALISMA ELEV  31  810  759  731  738  751  770  796  835
884  992
RE GRIDCART CALISMA ELEV  31  962  931
RE GRIDCART CALISMA HILL  1  813  937  963  1067  1033  940  902  853
830  838
RE GRIDCART CALISMA HILL  1  902  933  884  863  855  815  777  756  719
 761
RE GRIDCART CALISMA HILL  1  736  734  705  680  677  679  710  745  738
 732
RE GRIDCART CALISMA HILL  1  710
RE GRIDCART CALISMA HILL  2  765  818  872  970  953  951  920  863  822
 855
RE GRIDCART CALISMA HILL  2  835  877  909  840  817  802  768  772  717
 693
RE GRIDCART CALISMA HILL  2  697  683  680  680  685  697  703  742  753
 740
```

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RE GRIDCART CALISMA HILL  2  727
RE GRIDCART CALISMA HILL  3  868  793  857  887  877  954  908  881  874
 799
RE GRIDCART CALISMA HILL  3  802  808  867  856  791  858  767  795  688
 676
RE GRIDCART CALISMA HILL  3  680  687  708  706  737  740  741  732  775
 753
RE GRIDCART CALISMA HILL  3  745
RE GRIDCART CALISMA HILL  4  909  790  778  785  863  940  937  921  871
 818
RE GRIDCART CALISMA HILL  4  801  765  794  833  776  730  747  717  670
 681
RE GRIDCART CALISMA HILL  4  694  704  718  718  735  775  792  746  779
 766
RE GRIDCART CALISMA HILL  4  754
RE GRIDCART CALISMA HILL  5  928  806  800  749  818  922  978  969  929
 855
RE GRIDCART CALISMA HILL  5  806  770  742  728  728  710  744  674  689
 701
RE GRIDCART CALISMA HILL  5  713  716  728  742  751  771  779  752  774
 779
RE GRIDCART CALISMA HILL  5  773
RE GRIDCART CALISMA HILL  6  947  852  852  750  766  861  923  981  905
 857
RE GRIDCART CALISMA HILL  6  817  790  780  750  740  703  683  677  708
 722
RE GRIDCART CALISMA HILL  6  751  748  738  750  743  791  792  774  781
 798
RE GRIDCART CALISMA HILL  6  797
RE GRIDCART CALISMA HILL  7  906  920  869  828  742  811  928  959  939
 912
RE GRIDCART CALISMA HILL  7  852  823  806  742  722  692  875  696  769
```

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 756
RE GRIDCART CALISMA HILL  7  779  780  763  763  764  773  780  799  812
 824
RE GRIDCART CALISMA HILL  7  835
RE GRIDCART CALISMA HILL  8  905  897  849  823  736  764  846  899
1007  977
RE GRIDCART CALISMA HILL  8  921  874  780  726  706  677  681  741  771
 798
RE GRIDCART CALISMA HILL  8  765  766  770  778  778  790  806  820  851
 853
RE GRIDCART CALISMA HILL  8  883
RE GRIDCART CALISMA HILL  9  875  953  879  797  754  745  806  872  972
 976
RE GRIDCART CALISMA HILL  9  900  871  778  764  694  671  713  742  777
 802
RE GRIDCART CALISMA HILL  9  759  762  779  788  799  796  846  856  896
 892
RE GRIDCART CALISMA HILL  9  916
RE GRIDCART CALISMA HILL  10  830  892  883  843  745  736  797  893
961  941
RE GRIDCART CALISMA HILL  10  868  797  766  767  701  668  690  704
716  733
RE GRIDCART CALISMA HILL  10  750  789  799  816  849  825  840  934
947  931
RE GRIDCART CALISMA HILL  10  978
RE GRIDCART CALISMA HILL  11  842  803  800  782  762  724  801  859
951  1001
RE GRIDCART CALISMA HILL  11  900  811  769  740  696  669  685  709
722  746
RE GRIDCART CALISMA HILL  11  765  800  835  880  871  857  845  893
945  981
RE GRIDCART CALISMA HILL  11  1001
```

```
RE GRIDCART CALISMA HILL  12  793  854  789  779  742  726  810  902
981  1013
RE GRIDCART CALISMA HILL  12  945  847  749  712  673  667  731  712
762  774
RE GRIDCART CALISMA HILL  12  783  856  934  920  909  919  868  889
1000  1038
RE GRIDCART CALISMA HILL  12  1054
RE GRIDCART CALISMA HILL  13  776  786  784  781  763  719  774  880
958  1014
RE GRIDCART CALISMA HILL  13  918  855  774  688  666  712  724  713
759  799
RE GRIDCART CALISMA HILL  13  823  847  940  937  982  966  919  943
919  1047
RE GRIDCART CALISMA HILL  13  1084
RE GRIDCART CALISMA HILL  14  767  752  751  746  732  716  803  870
950  1000
RE GRIDCART CALISMA HILL  14  1008  934  815  733  685  665  676  701
753  816
RE GRIDCART CALISMA HILL  14  839  915  986  981  1047  975  998  987
951  968
RE GRIDCART CALISMA HILL  14  997
RE GRIDCART CALISMA HILL  15  771  752  740  729  717  711  807  902
897  960
RE GRIDCART CALISMA HILL  15  1014  961  815  822  758  672  667  691
745  801
RE GRIDCART CALISMA HILL  15  804  878  854  915  1009  999  1047  967
1027
RE GRIDCART CALISMA HILL  15  968  999
RE GRIDCART CALISMA HILL  16  755  739  731  723  709  707  774  814
903  929
RE GRIDCART CALISMA HILL  16  980  930  894  816  739  665  704  730
728  761
```

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RE GRIDCART CALISMA HILL  16  782  857  810  845  905  933  973  1023
1022
RE GRIDCART CALISMA HILL  16  1017  984
RE GRIDCART CALISMA HILL  17  772  743  729  717  709  704  729  799
862  891
RE GRIDCART CALISMA HILL  17  946  914  812  758  697  663  694  732
706  751
RE GRIDCART CALISMA HILL  17  759  799  789  840  876  890  930  1022
1048
RE GRIDCART CALISMA HILL  17  1069  1051
RE GRIDCART CALISMA HILL  18  771  744  725  724  712  703  700  843
872  834
RE GRIDCART CALISMA HILL  18  859  866  829  757  732  689  667  674
694  730
RE GRIDCART CALISMA HILL  18  766  780  787  828  846  867  896  971
1096  1068
RE GRIDCART CALISMA HILL  18  1110
RE GRIDCART CALISMA HILL  19  770  737  730  719  717  711  699  724
804  764
RE GRIDCART CALISMA HILL  19  845  829  770  816  786  749  668  670
685  740
RE GRIDCART CALISMA HILL  19  789  803  801  821  832  843  857  918
1025  1048
RE GRIDCART CALISMA HILL  19  1060
RE GRIDCART CALISMA HILL  20  776  741  733  727  735  733  702  701
695  704
RE GRIDCART CALISMA HILL  20  743  780  733  783  801  809  721  673
679  713
RE GRIDCART CALISMA HILL  20  788  778  783  817  808  826  873  982
959  958
RE GRIDCART CALISMA HILL  20  985
RE GRIDCART CALISMA HILL  21  771  739  738  742  753  760  729  725
```

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780  730
RE GRIDCART CALISMA HILL  21  687  708  697  774  762  772  682  666
686  689
RE GRIDCART CALISMA HILL  21  735  741  766  791  786  818  855  936
1074  1024
RE GRIDCART CALISMA HILL  21  1042
RE GRIDCART CALISMA HILL  22  754  745  747  753  767  806  757  736
796  808
RE GRIDCART CALISMA HILL  22  725  682  675  735  779  701  663  679
700  712
RE GRIDCART CALISMA HILL  22  711  732  765  757  772  802  840  932
1047  1080
RE GRIDCART CALISMA HILL  22  1086
RE GRIDCART CALISMA HILL  23  755  759  762  767  777  807  774  752
828  776
RE GRIDCART CALISMA HILL  23  725  714  672  694  762  661  674  717
712  705
RE GRIDCART CALISMA HILL  23  711  740  747  746  761  780  809  876
976  1068
RE GRIDCART CALISMA HILL  23  1124
RE GRIDCART CALISMA HILL  24  763  775  785  790  794  848  799  778
829  833
RE GRIDCART CALISMA HILL  24  768  734  694  677  665  662  735  764
751  729
RE GRIDCART CALISMA HILL  24  726  720  728  735  742  750  780  816
865  907
RE GRIDCART CALISMA HILL  24  1051
RE GRIDCART CALISMA HILL  25  794  789  812  817  810  877  832  815
811  869
RE GRIDCART CALISMA HILL  25  794  731  739  697  696  659  725  738
772  744
RE GRIDCART CALISMA HILL  25  751  740  767  767  762  765  774  772
```

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822  872
RE GRIDCART CALISMA HILL  25  989
RE GRIDCART CALISMA HILL  26  813  813  843  847  827  904  893  884
845  863
RE GRIDCART CALISMA HILL  26  822  783  782  726  685  667  670  686
723  753
RE GRIDCART CALISMA HILL  26  777  775  776  792  789  784  800  793
793  825
RE GRIDCART CALISMA HILL  26  777
RE GRIDCART CALISMA HILL  27  847  848  862  880  845  925  970  959
883  884
RE GRIDCART CALISMA HILL  27  860  827  757  736  700  710  657  656
682  739
RE GRIDCART CALISMA HILL  27  833  820  815  812  826  814  810  817
811  805
RE GRIDCART CALISMA HILL  27  845
RE GRIDCART CALISMA HILL  28  918  927  907  907  864  945  1016  983
943  913
RE GRIDCART CALISMA HILL  28  903  833  756  753  712  736  721  662
663  729
RE GRIDCART CALISMA HILL  28  838  881  826  817  861  860  845  843
846  859
RE GRIDCART CALISMA HILL  28  823
RE GRIDCART CALISMA HILL  29  970  998  952  928  895  952  1031  1037
991  936
RE GRIDCART CALISMA HILL  29  949  873  797  760  745  755  737  712
663  699
RE GRIDCART CALISMA HILL  29  823  799  800  798  814  833  897  880
876  861
RE GRIDCART CALISMA HILL  29  854
RE GRIDCART CALISMA HILL  30  1033  1040  980  945  930  927  1024  1057
 1013
```

```
RE GRIDCART CALISMA HILL  30  977  978  878  812  786  798  775  714
680  658
RE GRIDCART CALISMA HILL  30  718  810  763  777  770  785  813  851
955  914
RE GRIDCART CALISMA HILL  30  901  887
RE GRIDCART CALISMA HILL  31  1098  1080  1013  1027  990  961  992
1100  1060
RE GRIDCART CALISMA HILL  31  1100  1013  942  870  807  829  756  726
676  671
RE GRIDCART CALISMA HILL  31  810  759  731  738  751  770  796  835
884  992
RE GRIDCART CALISMA HILL  31  962  931
RE GRIDCART CALISMA END
RE DISCCART  537268  4419321  708  708
** RCPDESCR  Hacıbalı
RE DISCCART  533288  4420664  702  702
** RCPDESCR  Irmak
RE DISCCART  530873  4418253  707  707
** RCPDESCR  Irmak-KGA-SSW
RE DISCCART  532253  4419045  772  772
** RCPDESCR  Irmak-KGA-SW
RE DISCCART  534268  4421987  720  720
** RCPDESCR  Irmak-KGA-NE
RE DISCCART  536366  4419557  688  688
** RCPDESCR  Toplu Konut
RE DISCCART  534987  4418091  692  692
** RCPDESCR  Tarla Evi
RE DISCCART  530614  4415312  729  729
** RCPDESCR  Kılıçlar
RE DISCCART  538946  4413223  762  762
** RCPDESCR  Yahşihan
RE DISCCART  541693  4411996  758  758
```

```
** RCPDESCR  Kırıkkale
RE FINISHED

ME STARTING
ME SURFFILE  "C:\PM.KLU\VERIM.SFC"
** SURFFILE  "C:\PM.KLU\VERIM.SFC"
ME PROFFILE  "C:\PM.KLU\VERIM.PFL"
** PROFFILE  "C:\PM.KLU\VERIM.PFL"
ME SURFDATA  00017135  2004
ME UAIRDATA  00017130  2004
ME PROFBASE  750
ME FINISHED

OU STARTING
OU RECTABLE  8  FIRST
OU RECTABLE  24  FIRST
OU FILEFORM FIX
OU MAXTABLE  24  500
OU PLOTFILE  24  ESER  FIRST  ESER`24`FIRST.plt  10000
OU PLOTFILE  ANNUAL  ESER  ESER`ANNUAL.plt  10001
OU POSTFILE  ANNUAL  ESER  UNFORM  ESER`ANNUAL.bin  10002
OU FINISHED


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            3 Warning Message(s)
 A Total of            0 Informational Message(s)
```

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


    ********   WARNING MESSAGES   ********
 OU W565   313 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   314 PERPLT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   315 PERPST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE

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

  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***        09:13:12

                                               PAGE   1
 **MODELOPTs:  RegDFAULT CONC                 DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

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

```
 **Model Is Setup For Calculation of Average CONCentration Values.
 **Model Is Setup For Calculation of Dry DEPosition Values.

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

 **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.

 **Model Assumes No FLAGPOLE Receptor Heights.

 **Model Calculates  2 Short Term Average(s) of:   8-HR  24-HR
    and Calculates ANNUAL Averages

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

 **The Model Assumes A Pollutant Type of:  PM10

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

 **Output Options Selected:
```

Model Outputs Tables of ANNUAL Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs Tables of Overall Maximum Short Term Values (MAXTABLE Keyword)
Model Outputs External File(s) of Concurrent Values for Postprocessing (POSTFILE Keyword)
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) = 750.00 ;
Decay Coef. = 0.000 ; Rot. Angle = 0.0
Concentration: Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

Deposition: Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 3600.0
Output Units = GRAMS/M**2

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

*** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** AREA SOURCE DATA
***

SOURCE ID	NUMBER OF AREA SOURCE CATS.	EMISSION RATE PART. (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	COORD (SW CORNER) Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM (METERS)	Y-DIM (METERS)	ORIENT. (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
AREA	5	0.27900E-05	534881.1	4418034.3	710.0	1.50	1127.00	382.00	73.00	1.50	NO	

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 09:13:12

**MODELOPTs: RegDFAULT CONC DDEP
ELEV

DRYDPLT
WETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

ESER AREA ,
*** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 09:13:12

PAGE 4

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = AREA ; SOURCE TYPE = AREA ***

MASS FRACTION =

0.45000, 0.32000, 0.07000, 0.05000, 0.11000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 5.00000, 10.00000, 15.00000, 20.00000,

PARTICLE DENSITY (G/CM**3) =
1.00000, 1.00000, 1.00000, 1.00000, 1.00000,

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

528000.0, 528500.0, 529000.0, 529500.0, 530000.0, 530500.0,
531000.0, 531500.0, 532000.0, 532500.0,
533000.0, 533500.0, 534000.0, 534500.0, 535000.0, 535500.0,
536000.0, 536500.0, 537000.0, 537500.0,
538000.0, 538500.0, 539000.0, 539500.0, 540000.0, 540500.0,

541000.0, 541500.0, 542000.0, 542500.0,
       543000.0,

*** Y-COORDINATES OF GRID ***
(METERS)

      4410000.0, 4410500.0, 4411000.0, 4411500.0, 4412000.0, 4412500.0,
4413000.0, 4413500.0, 4414000.0, 4414500.0,
      4415000.0, 4415500.0, 4416000.0, 4416500.0, 4417000.0, 4417500.0,
4418000.0, 4418500.0, 4419000.0, 4419500.0,
      4420000.0, 4420500.0, 4421000.0, 4421500.0, 4422000.0, 4422500.0,
4423000.0, 4423500.0, 4424000.0, 4424500.0,
      4425000.0,
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/27/11
                                  ***
                                  ***   09:13:12

                                             PAGE   6
 **MODELOPTs: RegDFAULT CONC   DDEP
  ELEV

                                                                    DRYDPLT
  WETDPLT

                                  *** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

                                               * ELEVATION HEIGHTS IN
METERS *

    Y-COORD | X-COORD
(METERS)

outputfile2

(METERS)	528000.00	528500.00	529000.00	529500.00	530000.00	530500.00	531000.00	531500.00	532000.00
4425000.00	1098.00	1080.00	1013.00	1027.00	990.00	961.00	992.00	1100.00	1060.00
4424500.00	1033.00	1040.00	980.00	945.00	930.00	927.00	1024.00	1057.00	1013.00
4424000.00	970.00	998.00	952.00	928.00	895.00	952.00	1031.00	1037.00	991.00
4423500.00	918.00	927.00	907.00	907.00	864.00	945.00	1016.00	983.00	943.00
4423000.00	847.00	848.00	862.00	880.00	845.00	925.00	970.00	959.00	883.00
4422500.00	813.00	813.00	843.00	847.00	827.00	904.00	893.00	884.00	845.00
4422000.00	794.00	789.00	812.00	817.00	810.00	877.00	832.00	815.00	811.00
4421500.00	763.00	775.00	785.00	790.00	794.00	848.00	799.00	778.00	829.00
4421000.00	755.00	759.00	762.00	767.00	777.00	807.00	774.00	752.00	828.00
4420500.00	754.00	745.00	747.00	753.00	767.00	806.00	757.00	736.00	796.00
4420000.00	771.00	739.00	738.00	742.00	753.00	760.00	729.00	725.00	780.00
4419500.00	776.00	741.00	733.00	727.00	735.00	733.00	702.00	701.00	695.00
4419000.00	770.00	737.00	730.00	719.00	717.00	711.00	699.00	724.00	804.00
4418500.00	771.00	744.00	725.00	724.00					

712.00	703.00	700.00	843.00	872.00	
4418000.00		772.00	743.00	729.00	717.00
709.00	704.00	729.00	799.00	862.00	
4417500.00		755.00	739.00	731.00	723.00
709.00	707.00	774.00	814.00	903.00	
4417000.00		771.00	752.00	740.00	729.00
717.00	711.00	807.00	902.00	897.00	
4416500.00		767.00	752.00	751.00	746.00
732.00	716.00	803.00	870.00	950.00	
4416000.00		776.00	786.00	784.00	781.00
763.00	719.00	774.00	880.00	958.00	
4415500.00		793.00	854.00	789.00	779.00
742.00	726.00	810.00	902.00	981.00	
4415000.00		842.00	803.00	800.00	782.00
762.00	724.00	801.00	859.00	951.00	
4414500.00		830.00	892.00	883.00	843.00
745.00	736.00	797.00	893.00	961.00	
4414000.00		875.00	953.00	879.00	797.00
754.00	745.00	806.00	872.00	972.00	
4413500.00		905.00	897.00	849.00	823.00
736.00	764.00	846.00	899.00	1007.00	
4413000.00		906.00	920.00	869.00	828.00
742.00	811.00	928.00	959.00	939.00	
4412500.00		947.00	852.00	852.00	750.00
766.00	861.00	923.00	981.00	905.00	
4412000.00		928.00	806.00	800.00	749.00
818.00	922.00	978.00	969.00	929.00	
4411500.00		909.00	790.00	778.00	785.00
863.00	940.00	937.00	921.00	871.00	
4411000.00		868.00	793.00	857.00	887.00
877.00	954.00	908.00	881.00	874.00	
4410500.00		765.00	818.00	872.00	970.00

 953.00   951.00   920.00   863.00   822.00
  4410000.00 | 813.00   937.00   963.00   1067.00
1033.00   940.00   902.00   853.00   830.00
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/27/11
                                  ***
                                  ***   09:13:12

 **MODELOPTs: RegDFAULT CONC   DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

                                  *** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

                                                 * ELEVATION HEIGHTS IN
METERS *

    Y-COORD | X-COORD
(METERS)
    (METERS) | 532500.00   533000.00   533500.00   534000.00
534500.00   535000.00   535500.00   536000.00   536500.00
 -
- -

  4425000.00 | 1100.00   1013.00   942.00   870.00
 807.00   829.00   756.00   726.00   676.00
  4424500.00 | 977.00   978.00   878.00   812.00
 786.00   798.00   775.00   714.00   680.00
  4424000.00 | 936.00   949.00   873.00   797.00

760.00	745.00	755.00	737.00	712.00	
4423500.00	913.00	903.00	833.00	756.00	
753.00	712.00	736.00	721.00	662.00	
4423000.00	884.00	860.00	827.00	757.00	
736.00	700.00	710.00	657.00	656.00	
4422500.00	863.00	822.00	783.00	782.00	
726.00	685.00	667.00	670.00	686.00	
4422000.00	869.00	794.00	731.00	739.00	
697.00	696.00	659.00	725.00	738.00	
4421500.00	833.00	768.00	734.00	694.00	
677.00	665.00	662.00	735.00	764.00	
4421000.00	776.00	725.00	714.00	672.00	
694.00	762.00	661.00	674.00	717.00	
4420500.00	808.00	725.00	682.00	675.00	
735.00	779.00	701.00	663.00	679.00	
4420000.00	730.00	687.00	708.00	697.00	
774.00	762.00	772.00	682.00	666.00	
4419500.00	704.00	743.00	780.00	733.00	
783.00	801.00	809.00	721.00	673.00	
4419000.00	764.00	845.00	829.00	770.00	
816.00	786.00	749.00	668.00	670.00	
4418500.00	834.00	859.00	866.00	829.00	
757.00	732.00	689.00	667.00	674.00	
4418000.00	891.00	946.00	914.00	812.00	
758.00	697.00	663.00	694.00	732.00	
4417500.00	929.00	980.00	930.00	894.00	
816.00	739.00	665.00	704.00	730.00	
4417000.00	960.00	1014.00	961.00	815.00	
822.00	758.00	672.00	667.00	691.00	
4416500.00	1000.00	1008.00	934.00	815.00	
733.00	685.00	665.00	676.00	701.00	
4416000.00	1014.00	918.00	855.00	774.00	

```
688.00       666.00       712.00       724.00       713.00
 4415500.00 |       1013.00       945.00       847.00       749.00
712.00       673.00       667.00       731.00       712.00
 4415000.00 |       1001.00       900.00       811.00       769.00
740.00       696.00       669.00       685.00       709.00
 4414500.00 |        941.00       868.00       797.00       766.00
767.00       701.00       668.00       690.00       704.00
 4414000.00 |        976.00       900.00       871.00       778.00
764.00       694.00       671.00       713.00       742.00
 4413500.00 |        977.00       921.00       874.00       780.00
726.00       706.00       677.00       681.00       741.00
 4413000.00 |        912.00       852.00       823.00       806.00
742.00       722.00       692.00       875.00       696.00
 4412500.00 |        857.00       817.00       790.00       780.00
750.00       740.00       703.00       683.00       677.00
 4412000.00 |        855.00       806.00       770.00       742.00
728.00       728.00       710.00       744.00       674.00
 4411500.00 |        818.00       801.00       765.00       794.00
833.00       776.00       730.00       747.00       717.00
 4411000.00 |        799.00       802.00       808.00       867.00
856.00       791.00       858.00       767.00       795.00
 4410500.00 |        855.00       835.00       877.00       909.00
840.00       817.00       802.00       768.00       772.00
 4410000.00 |        838.00       902.00       933.00       884.00
863.00       855.00       815.00       777.00       756.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/27/11
                                  ***
                                  ***        09:13:12

                                              PAGE   8
**MODELOPTs:  RegDFAULT CONC                 DDEP
```

ELEV

DRYDPLT

WETDPLT

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	537000.00	537500.00	538000.00	538500.00	539000.00
539500.00	540000.00	540500.00	541000.00		
4425000.00	671.00	810.00	759.00	731.00	738.00
751.00	770.00	796.00	835.00		
4424500.00	658.00	718.00	810.00	763.00	777.00
770.00	785.00	813.00	851.00		
4424000.00	663.00	699.00	823.00	799.00	800.00
798.00	814.00	833.00	897.00		
4423500.00	663.00	729.00	838.00	881.00	826.00
817.00	861.00	860.00	845.00		
4423000.00	682.00	739.00	833.00	820.00	815.00
812.00	826.00	814.00	810.00		
4422500.00	723.00	753.00	777.00	775.00	776.00
792.00	789.00	784.00	800.00		
4422000.00	772.00	744.00	751.00	740.00	767.00
767.00	762.00	765.00	774.00		
4421500.00	751.00	729.00	726.00	720.00	

728.00	735.00	742.00	750.00	780.00	
4421000.00		712.00	705.00	711.00	740.00
747.00	746.00	761.00	780.00	809.00	
4420500.00		700.00	712.00	711.00	732.00
765.00	757.00	772.00	802.00	840.00	
4420000.00		686.00	689.00	735.00	741.00
766.00	791.00	786.00	818.00	855.00	
4419500.00		679.00	713.00	788.00	778.00
783.00	817.00	808.00	826.00	873.00	
4419000.00		685.00	740.00	789.00	803.00
801.00	821.00	832.00	843.00	857.00	
4418500.00		694.00	730.00	766.00	780.00
787.00	828.00	846.00	867.00	896.00	
4418000.00		706.00	751.00	759.00	799.00
789.00	840.00	876.00	890.00	930.00	
4417500.00		728.00	761.00	782.00	857.00
810.00	845.00	905.00	933.00	973.00	
4417000.00		745.00	801.00	804.00	878.00
854.00	915.00	1009.00	999.00	1047.00	
4416500.00		753.00	816.00	839.00	915.00
986.00	981.00	1047.00	975.00	998.00	
4416000.00		759.00	799.00	823.00	847.00
940.00	937.00	982.00	966.00	919.00	
4415500.00		762.00	774.00	783.00	856.00
934.00	920.00	909.00	919.00	868.00	
4415000.00		722.00	746.00	765.00	800.00
835.00	880.00	871.00	857.00	845.00	
4414500.00		716.00	733.00	750.00	789.00
799.00	816.00	849.00	825.00	840.00	
4414000.00		777.00	802.00	759.00	762.00
779.00	788.00	799.00	796.00	846.00	
4413500.00		771.00	798.00	765.00	766.00

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 770.00       778.00       778.00       790.00       806.00
  4413000.00 |        769.00       756.00       779.00       780.00
 763.00       763.00       764.00       773.00       780.00
  4412500.00 |        708.00       722.00       751.00       748.00
 738.00       750.00       743.00       791.00       792.00
  4412000.00 |        689.00       701.00       713.00       716.00
 728.00       742.00       751.00       771.00       779.00
  4411500.00 |        670.00       681.00       694.00       704.00
 718.00       718.00       735.00       775.00       792.00
  4411000.00 |        688.00       676.00       680.00       687.00
 708.00       706.00       737.00       740.00       741.00
  4410500.00 |        717.00       693.00       697.00       683.00
 680.00       680.00       685.00       697.00       703.00
  4410000.00 |        719.00       761.00       736.00       734.00
 705.00       680.00       677.00       679.00       710.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                   ***
                                   ***        09:13:12

                                              PAGE   9
 **MODELOPTs:  RegDFAULT CONC                DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

                                  *** NETWORK ID: CALISMA  ;  NETWORK
TYPE: GRIDCART ***

                                                * ELEVATION HEIGHTS IN
METERS *
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Y-COORD (METERS)	X-COORD (METERS)			
	541500.00	542000.00	542500.00	543000.00
4425000.00	884.00	992.00	962.00	931.00
4424500.00	955.00	914.00	901.00	887.00
4424000.00	880.00	876.00	861.00	854.00
4423500.00	843.00	846.00	859.00	823.00
4423000.00	817.00	811.00	805.00	845.00
4422500.00	793.00	793.00	825.00	777.00
4422000.00	772.00	822.00	872.00	989.00
4421500.00	816.00	865.00	907.00	1051.00
4421000.00	876.00	976.00	1068.00	1124.00
4420500.00	932.00	1047.00	1080.00	1086.00
4420000.00	936.00	1074.00	1024.00	1042.00
4419500.00	982.00	959.00	958.00	985.00
4419000.00	918.00	1025.00	1048.00	1060.00
4418500.00	971.00	1096.00	1068.00	1110.00
4418000.00	1022.00	1048.00	1069.00	1051.00
4417500.00	1023.00	1022.00	1017.00	984.00
4417000.00	967.00	1027.00	968.00	999.00
4416500.00	987.00	951.00	968.00	997.00
4416000.00	943.00	919.00	1047.00	1084.00
4415500.00	889.00	1000.00	1038.00	1054.00
4415000.00	893.00	945.00	981.00	1001.00
4414500.00	934.00	947.00	931.00	978.00
4414000.00	856.00	896.00	892.00	916.00
4413500.00	820.00	851.00	853.00	883.00
4413000.00	799.00	812.00	824.00	835.00
4412500.00	774.00	781.00	798.00	797.00

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  4412000.00 |        752.00       774.00       779.00       773.00
  4411500.00 |        746.00       779.00       766.00       754.00
  4411000.00 |        732.00       775.00       753.00       745.00
  4410500.00 |        742.00       753.00       740.00       727.00
  4410000.00 |        745.00       738.00       732.00       710.00
 *** AERMOD - VERSION 09292 ***     ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***        09:13:12

                                               PAGE  10
 **MODELOPTs:  RegDFAULT CONC                DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

                                    *** NETWORK ID: CALISMA  ;  NETWORK
TYPE: GRIDCART ***

                                                * HILL HEIGHT SCALES IN
METERS *

    Y-COORD  |                                                  X-COORD
(METERS)
    (METERS) |     528000.00    528500.00    529000.00    529500.00
530000.00    530500.00    531000.00    531500.00    532000.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  4425000.00 |       1098.00      1080.00      1013.00      1027.00
 990.00       961.00       992.00      1100.00      1060.00
  4424500.00 |       1033.00      1040.00       980.00       945.00
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930.00	927.00	1024.00	1057.00	1013.00	
4424000.00	970.00	998.00	952.00	928.00	
895.00	952.00	1031.00	1037.00	991.00	
4423500.00	918.00	927.00	907.00	907.00	
864.00	945.00	1016.00	983.00	943.00	
4423000.00	847.00	848.00	862.00	880.00	
845.00	925.00	970.00	959.00	883.00	
4422500.00	813.00	813.00	843.00	847.00	
827.00	904.00	893.00	884.00	845.00	
4422000.00	794.00	789.00	812.00	817.00	
810.00	877.00	832.00	815.00	811.00	
4421500.00	763.00	775.00	785.00	790.00	
794.00	848.00	799.00	778.00	829.00	
4421000.00	755.00	759.00	762.00	767.00	
777.00	807.00	774.00	752.00	828.00	
4420500.00	754.00	745.00	747.00	753.00	
767.00	806.00	757.00	736.00	796.00	
4420000.00	771.00	739.00	738.00	742.00	
753.00	760.00	729.00	725.00	780.00	
4419500.00	776.00	741.00	733.00	727.00	
735.00	733.00	702.00	701.00	695.00	
4419000.00	770.00	737.00	730.00	719.00	
717.00	711.00	699.00	724.00	804.00	
4418500.00	771.00	744.00	725.00	724.00	
712.00	703.00	700.00	843.00	872.00	
4418000.00	772.00	743.00	729.00	717.00	
709.00	704.00	729.00	799.00	862.00	
4417500.00	755.00	739.00	731.00	723.00	
709.00	707.00	774.00	814.00	903.00	
4417000.00	771.00	752.00	740.00	729.00	
717.00	711.00	807.00	902.00	897.00	
4416500.00	767.00	752.00	751.00	746.00	

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 732.00       716.00       803.00       870.00       950.00
  4416000.00 |       776.00       786.00       784.00       781.00
 763.00       719.00       774.00       880.00       958.00
  4415500.00 |       793.00       854.00       789.00       779.00
 742.00       726.00       810.00       902.00       981.00
  4415000.00 |       842.00       803.00       800.00       782.00
 762.00       724.00       801.00       859.00       951.00
  4414500.00 |       830.00       892.00       883.00       843.00
 745.00       736.00       797.00       893.00       961.00
  4414000.00 |       875.00       953.00       879.00       797.00
 754.00       745.00       806.00       872.00       972.00
  4413500.00 |       905.00       897.00       849.00       823.00
 736.00       764.00       846.00       899.00      1007.00
  4413000.00 |       906.00       920.00       869.00       828.00
 742.00       811.00       928.00       959.00       939.00
  4412500.00 |       947.00       852.00       852.00       750.00
 766.00       861.00       923.00       981.00       905.00
  4412000.00 |       928.00       806.00       800.00       749.00
 818.00       922.00       978.00       969.00       929.00
  4411500.00 |       909.00       790.00       778.00       785.00
 863.00       940.00       937.00       921.00       871.00
  4411000.00 |       868.00       793.00       857.00       887.00
 877.00       954.00       908.00       881.00       874.00
  4410500.00 |       765.00       818.00       872.00       970.00
 953.00       951.00       920.00       863.00       822.00
  4410000.00 |       813.00       937.00       963.00      1067.00
1033.00       940.00       902.00       853.00       830.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/27/11
                                  ***
                                  ***        09:13:12
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**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	532500.00	533000.00	533500.00	534000.00	534500.00	535000.00	535500.00	536000.00	536500.00
4425000.00	1100.00	1013.00	942.00	870.00	807.00	829.00	756.00	726.00	676.00
4424500.00	977.00	978.00	878.00	812.00	786.00	798.00	775.00	714.00	680.00
4424000.00	936.00	949.00	873.00	797.00	760.00	745.00	755.00	737.00	712.00
4423500.00	913.00	903.00	833.00	756.00	753.00	712.00	736.00	721.00	662.00
4423000.00	884.00	860.00	827.00	757.00	736.00	700.00	710.00	657.00	656.00
4422500.00	863.00	822.00	783.00	782.00	726.00	685.00	667.00	670.00	686.00
4422000.00	869.00	794.00	731.00	739.00					

697.00	696.00	659.00	725.00	738.00	
4421500.00		833.00	768.00	734.00	694.00
677.00	665.00	662.00	735.00	764.00	
4421000.00		776.00	725.00	714.00	672.00
694.00	762.00	661.00	674.00	717.00	
4420500.00		808.00	725.00	682.00	675.00
735.00	779.00	701.00	663.00	679.00	
4420000.00		730.00	687.00	708.00	697.00
774.00	762.00	772.00	682.00	666.00	
4419500.00		704.00	743.00	780.00	733.00
783.00	801.00	809.00	721.00	673.00	
4419000.00		764.00	845.00	829.00	770.00
816.00	786.00	749.00	668.00	670.00	
4418500.00		834.00	859.00	866.00	829.00
757.00	732.00	689.00	667.00	674.00	
4418000.00		891.00	946.00	914.00	812.00
758.00	697.00	663.00	694.00	732.00	
4417500.00		929.00	980.00	930.00	894.00
816.00	739.00	665.00	704.00	730.00	
4417000.00		960.00	1014.00	961.00	815.00
822.00	758.00	672.00	667.00	691.00	
4416500.00		1000.00	1008.00	934.00	815.00
733.00	685.00	665.00	676.00	701.00	
4416000.00		1014.00	918.00	855.00	774.00
688.00	666.00	712.00	724.00	713.00	
4415500.00		1013.00	945.00	847.00	749.00
712.00	673.00	667.00	731.00	712.00	
4415000.00		1001.00	900.00	811.00	769.00
740.00	696.00	669.00	685.00	709.00	
4414500.00		941.00	868.00	797.00	766.00
767.00	701.00	668.00	690.00	704.00	
4414000.00		976.00	900.00	871.00	778.00

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764.00       694.00       671.00       713.00       742.00
 4413500.00 |        977.00       921.00       874.00       780.00
726.00       706.00       677.00       681.00       741.00
 4413000.00 |        912.00       852.00       823.00       806.00
742.00       722.00       692.00       875.00       696.00
 4412500.00 |        857.00       817.00       790.00       780.00
750.00       740.00       703.00       683.00       677.00
 4412000.00 |        855.00       806.00       770.00       742.00
728.00       728.00       710.00       744.00       674.00
 4411500.00 |        818.00       801.00       765.00       794.00
833.00       776.00       730.00       747.00       717.00
 4411000.00 |        799.00       802.00       808.00       867.00
856.00       791.00       858.00       767.00       795.00
 4410500.00 |        855.00       835.00       877.00       909.00
840.00       817.00       802.00       768.00       772.00
 4410000.00 |        838.00       902.00       933.00       884.00
863.00       855.00       815.00       777.00       756.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                   ***
                                   ***        09:13:12

                                              PAGE  12
 **MODELOPTs:  RegDFAULT CONC                DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

                                    *** NETWORK ID: CALISMA  ;  NETWORK
TYPE: GRIDCART ***

                                                 * HILL HEIGHT SCALES IN
```

METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	537000.00	537500.00	538000.00	538500.00	539000.00
539500.00	540000.00	540500.00	541000.00		
4425000.00	671.00	810.00	759.00	731.00	738.00
751.00	770.00	796.00	835.00		
4424500.00	658.00	718.00	810.00	763.00	777.00
770.00	785.00	813.00	851.00		
4424000.00	663.00	699.00	823.00	799.00	800.00
798.00	814.00	833.00	897.00		
4423500.00	663.00	729.00	838.00	881.00	826.00
817.00	861.00	860.00	845.00		
4423000.00	682.00	739.00	833.00	820.00	815.00
812.00	826.00	814.00	810.00		
4422500.00	723.00	753.00	777.00	775.00	776.00
792.00	789.00	784.00	800.00		
4422000.00	772.00	744.00	751.00	740.00	767.00
767.00	762.00	765.00	774.00		
4421500.00	751.00	729.00	726.00	720.00	728.00
735.00	742.00	750.00	780.00		
4421000.00	712.00	705.00	711.00	740.00	747.00
746.00	761.00	780.00	809.00		
4420500.00	700.00	712.00	711.00	732.00	765.00
757.00	772.00	802.00	840.00		
4420000.00	686.00	689.00	735.00	741.00	766.00
791.00	786.00	818.00	855.00		
4419500.00	679.00	713.00	788.00	778.00	

783.00	817.00	808.00	826.00	873.00	
4419000.00		685.00	740.00	789.00	803.00
801.00	821.00	832.00	843.00	857.00	
4418500.00		694.00	730.00	766.00	780.00
787.00	828.00	846.00	867.00	896.00	
4418000.00		706.00	751.00	759.00	799.00
789.00	840.00	876.00	890.00	930.00	
4417500.00		728.00	761.00	782.00	857.00
810.00	845.00	905.00	933.00	973.00	
4417000.00		745.00	801.00	804.00	878.00
854.00	915.00	1009.00	999.00	1047.00	
4416500.00		753.00	816.00	839.00	915.00
986.00	981.00	1047.00	975.00	998.00	
4416000.00		759.00	799.00	823.00	847.00
940.00	937.00	982.00	966.00	919.00	
4415500.00		762.00	774.00	783.00	856.00
934.00	920.00	909.00	919.00	868.00	
4415000.00		722.00	746.00	765.00	800.00
835.00	880.00	871.00	857.00	845.00	
4414500.00		716.00	733.00	750.00	789.00
799.00	816.00	849.00	825.00	840.00	
4414000.00		777.00	802.00	759.00	762.00
779.00	788.00	799.00	796.00	846.00	
4413500.00		771.00	798.00	765.00	766.00
770.00	778.00	778.00	790.00	806.00	
4413000.00		769.00	756.00	779.00	780.00
763.00	763.00	764.00	773.00	780.00	
4412500.00		708.00	722.00	751.00	748.00
738.00	750.00	743.00	791.00	792.00	
4412000.00		689.00	701.00	713.00	716.00
728.00	742.00	751.00	771.00	779.00	
4411500.00		670.00	681.00	694.00	704.00

```
 718.00       718.00       735.00       775.00       792.00
  4411000.00 |        688.00       676.00       680.00       687.00
 708.00       706.00       737.00       740.00       741.00
  4410500.00 |        717.00       693.00       697.00       683.00
 680.00       680.00       685.00       697.00       703.00
  4410000.00 |        719.00       761.00       736.00       734.00
 705.00       680.00       677.00       679.00       710.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
                                  ***        09:13:12

                                              PAGE  13
 **MODELOPTs:  RegDFAULT CONC                DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

                                    *** NETWORK ID: CALISMA  ;  NETWORK
TYPE: GRIDCART ***

                                                 * HILL HEIGHT SCALES IN
METERS *

    Y-COORD  |                                                  X-COORD
(METERS)
    (METERS) |     541500.00    542000.00    542500.00    543000.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  4425000.00 |        884.00       992.00       962.00       931.00
  4424500.00 |        955.00       914.00       901.00       887.00
```

4424000.00	880.00	876.00	861.00	854.00
4423500.00	843.00	846.00	859.00	823.00
4423000.00	817.00	811.00	805.00	845.00
4422500.00	793.00	793.00	825.00	777.00
4422000.00	772.00	822.00	872.00	989.00
4421500.00	816.00	865.00	907.00	1051.00
4421000.00	876.00	976.00	1068.00	1124.00
4420500.00	932.00	1047.00	1080.00	1086.00
4420000.00	936.00	1074.00	1024.00	1042.00
4419500.00	982.00	959.00	958.00	985.00
4419000.00	918.00	1025.00	1048.00	1060.00
4418500.00	971.00	1096.00	1068.00	1110.00
4418000.00	1022.00	1048.00	1069.00	1051.00
4417500.00	1023.00	1022.00	1017.00	984.00
4417000.00	967.00	1027.00	968.00	999.00
4416500.00	987.00	951.00	968.00	997.00
4416000.00	943.00	919.00	1047.00	1084.00
4415500.00	889.00	1000.00	1038.00	1054.00
4415000.00	893.00	945.00	981.00	1001.00
4414500.00	934.00	947.00	931.00	978.00
4414000.00	856.00	896.00	892.00	916.00
4413500.00	820.00	851.00	853.00	883.00
4413000.00	799.00	812.00	824.00	835.00
4412500.00	774.00	781.00	798.00	797.00
4412000.00	752.00	774.00	779.00	773.00
4411500.00	746.00	779.00	766.00	754.00
4411000.00	732.00	775.00	753.00	745.00
4410500.00	742.00	753.00	740.00	727.00
4410000.00	745.00	738.00	732.00	710.00

**MODELOPTs: RegDFAULT CONC DDEP
ELEV

DRYDPLT
WETDPLT

*** DISCRETE CARTESIAN
RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,
ZHILL, ZFLAG)

(METERS)

(537268.0, 4419321.0, 708.0, 708.0, 0.0); (533288.0, 4420664.0, 702.0, 702.0, 0.0);
(530873.0, 4418253.0, 707.0, 707.0, 0.0); (532253.0, 4419045.0, 772.0, 772.0, 0.0);
(534268.0, 4421987.0, 720.0, 720.0, 0.0); (536366.0, 4419557.0, 688.0, 688.0, 0.0);
(534987.0, 4418091.0, 692.0, 692.0, 0.0); (530614.0, 4415312.0, 729.0, 729.0, 0.0);
(538946.0, 4413223.0, 762.0, 762.0, 0.0); (541693.0, 4411996.0, 758.0, 758.0, 0.0);

**MODELOPTs: RegDFAULT CONC DDEP
ELEV

DRYDPLT

WETDPLT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

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

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14,
8.23, 10.80,
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 09:13:12

 **MODELOPTs: RegDFAULT CONC DDEP
  ELEV
DRYDPLT
  WETDPLT

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

   Surface file: C:\PM.KLU\VERIM.SFC
Met Version: 06341
   Profile file: C:\PM.KLU\VERIM.PFL

   Surface format: FREE

   Profile format: FREE

   Surface station no.: 17135 Upper air station no.:
   17130
Name: UNKNOWN Name:
UNKNOWN
Year: 2004 Year:
  2004

First 24 hours of scalar data

YR	MO	DY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALB	REF WS	WD	HT	REF TA	HT	IPCOD	PRATE	RH	SFCP	CCVR
04	01	01	01	-3.7	0.087	-9.000	-9.000	-999.	59.	15.8	0.99	2.27	1.00	1.00	1.	10.	271.4	2.	0	-9.00	999.	1013.	10
04	01	01	02	-24.5	0.416	-9.000	-9.000	-999.	618.	266.2	0.99	2.27	1.00	2.60	48.	10.	270.9	2.	0	-9.00	999.	1013.	10
04	01	01	03	-24.5	0.416	-9.000	-9.000	-999.	618.	266.2	0.99	2.27	1.00	2.60	54.	10.	270.9	2.	0	-9.00	999.	1013.	10
04	01	01	04	-10.7	0.183	-9.000	-9.000	-999.	232.	51.1	0.99	2.27	1.00	1.50	53.	10.	270.9	2.	0	-9.00	999.	1013.	10
04	01	01	05	-3.7	0.087	-9.000	-9.000	-999.	70.	15.8	0.99	2.27	1.00	1.00	3.	10.	271.4	2.	0	-9.00	999.	1013.	10
04	01	01	06	-0.9	0.043	-9.000	-9.000	-999.	21.	7.9	0.99	2.27	1.00	0.50	22.	10.	271.4	2.	0	-9.00	999.	1013.	10
04	01	01	07	-3.7	0.087	-9.000	-9.000	-999.	59.	15.8	0.99	2.27	1.00	1.00	25.	10.	271.4	2.	0	-9.00	999.	1013.	10
04	01	01	08	-10.5	0.190	-9.000	-9.000	-999.	190.	58.5	0.99	2.27	0.53	1.50	73.	10.	272.0	2.	0	-9.00	999.	1013.	10
04	01	01	09	-1.7	0.253	-9.000	-9.000	-999.	293.	847.3	0.99	2.27	0.26	1.50	67.	10.	272.0	2.	0	-9.00	999.	1013.	10
04	01	01	10	15.0	0.207	0.305	0.005	68.	217.	-53.0	0.99	2.27	0.17	1.00	71.	10.	272.0	2.	0	-9.00	999.	1013.	10
04	01	01	11	26.8	0.295	0.521	0.005	190.	368.	-86.3	0.99	2.27	0.13	1.50	94.	10.	272.5	2.	0	-9.00	999.	1013.	10
04	01	01	12	32.3	0.142	0.671	0.005	338.	138.	-8.0	0.99	2.27	0.12	0.50	176.	10.	273.1	2.	0	-9.00	999.	1013.	10
04	01	01	13	31.3	0.298	0.747	0.005	481.	374.	-76.5	0.99	2.27	0.12	1.50	73.	10.	273.8	2.	0	-9.00	999.	1013.	10
04	01	01	14	23.7	0.292	0.716	0.005	558.	363.	-94.6	0.99	2.27

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0.14    1.50   69.  10.  273.8   2.  0  -9.00  999. 1013. 10
 04 01 01 15   10.1  0.375  0.541  0.005  564.  528.    -470.0 0.99 2.27
0.19    2.10   72.  10.  273.1   2.  0  -9.00  999. 1013. 10
 04 01 01 16   -6.4  0.231 -9.000 -9.000 -999.  267.     173.2 0.99 2.27
0.32    1.50   94.  10.  273.1   2.  0  -9.00  999. 1013. 10
 04 01 01 17  -10.1  0.145 -9.000 -9.000 -999.  130.      27.3 0.99 2.27
1.00    1.50   91.  10.  273.1   2.  0  -9.00  999. 1013.  9
 04 01 01 18  -10.1  0.145 -9.000 -9.000 -999.  127.      27.3 0.99 2.27
1.00    1.50   67.  10.  273.1   2.  0  -9.00  999. 1013.  9
 04 01 01 19   -1.0  0.043 -9.000 -9.000 -999.   30.       7.3 0.99 2.27
1.00    0.50   74.  10.  273.1   2.  0  -9.00  999. 1013.  9
 04 01 01 20   -1.0  0.043 -9.000 -9.000 -999.   21.       7.3 0.99 2.27
1.00    0.50   47.  10.  273.8   2.  0  -9.00  999. 1013.  9
 04 01 01 21   -4.0  0.087 -9.000 -9.000 -999.   59.      14.5 0.99 2.27
1.00    1.00  160.  10.  273.1   2.  0  -9.00  999. 1013.  9
 04 01 01 22   -1.0  0.043 -9.000 -9.000 -999.   21.       7.3 0.99 2.27
1.00    0.50  202.  10.  273.1   2.  0  -9.00  999. 1013.  9
 04 01 01 23   -4.0  0.087 -9.000 -9.000 -999.   59.      14.5 0.99 2.27
1.00    1.00  110.  10.  273.1   2.  0  -9.00  999. 1013.  9
 04 01 01 24  -21.6  0.310 -9.000 -9.000 -999.  397.     124.6 0.99 2.27
1.00    2.10   70.  10.  272.5   2.  0  -9.00  999. 1013.  9


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 04 01 01 01   10.0 1    1.    1.00   271.5   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***        09:13:12
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PAGE 17

**MODELOPTs: RegDFAULT CONC DDEP ELEV DRYDPLT WETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)										
	528000.00	528500.00	529000.00	529500.00	530000.00	530500.00	531000.00	531500.00	532000.00		
4425000.00	0.00088	0.00130	0.00166	0.00159	0.00125	0.00095	0.00097	0.00147	0.00270		
4424500.00	0.00061	0.00106	0.00169	0.00194	0.00173	0.00126	0.00100	0.00123	0.00238		
4424000.00	0.00040	0.00067	0.00129	0.00209	0.00234	0.00171	0.00121	0.00114	0.00185		
4423500.00	0.00026	0.00042	0.00076	0.00158	0.00349	0.00217	0.00165	0.00127	0.00151		

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  4423000.00 |       0.00021      0.00029      0.00046      0.00086
0.00323      0.00249      0.00223      0.00168      0.00147
  4422500.00 |       0.00027      0.00025      0.00031      0.00051
0.00157      0.00202      0.00305      0.00261      0.00213
  4422000.00 |       0.00051      0.00037      0.00031      0.00035
0.00058      0.00105      0.00491      0.01044      0.00689
  4421500.00 |       0.00329      0.00096      0.00056      0.00041
0.00041      0.00059      0.00359      0.03380      0.00720
  4421000.00 |       0.02652      0.01267      0.00408      0.00114
0.00063      0.00051      0.00087      0.02938      0.00627
  4420500.00 |       0.05868      0.05936      0.04163      0.01980
0.00430      0.00103      0.00079      0.00252      0.00425
  4420000.00 |       0.03731      0.08752      0.09329      0.08306
0.04986      0.02158      0.01727      0.00453      0.00117
  4419500.00 |       0.01576      0.05513      0.08084      0.10509
0.12291      0.12684      0.10562      0.07988      0.04446
  4419000.00 |       0.00489      0.01868      0.03256      0.05555
0.08079      0.10994      0.13957      0.17965      0.01127
  4418500.00 |       0.02906      0.06266      0.07635      0.07691
0.10555      0.11732      0.13815      0.00621      0.00569
  4418000.00 |       0.08455      0.20180      0.24113      0.25512
0.27494      0.30453      0.34428      0.02657      0.01242
  4417500.00 |       0.20730      0.29040      0.32938      0.35521
0.36197      0.40926      0.09812      0.02642      0.01822
  4417000.00 |       0.07624      0.13752      0.17617      0.20389
0.24803      0.32144      0.02715      0.01453      0.02128
  4416500.00 |       0.02095      0.03861      0.06275      0.12676
0.26489      0.47185      0.06400      0.02846      0.02315
  4416000.00 |       0.05811      0.05981      0.08381      0.12215
0.32311      0.83651      0.24365      0.02821      0.02208
  4415500.00 |       0.08320      0.02515      0.13902      0.21250
0.68717      0.72286      0.04955      0.01954      0.02119
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  4415000.00 |       0.03595      0.09009      0.08603      0.12920
0.20953      0.34173      0.04712      0.03024      0.02755
  4414500.00 |       0.03616      0.01285      0.01109      0.01192
0.13810      0.38845      0.10771      0.03184      0.02201
  4414000.00 |       0.00949      0.00549      0.00658      0.03525
0.31400      0.69966      0.11358      0.02759      0.01056
  4413500.00 |       0.00449      0.00633      0.01578      0.04303
0.76000      0.49439      0.03165      0.01147      0.00369
  4413000.00 |       0.00698      0.01074      0.02171      0.05870
0.76932      0.06592      0.00885      0.00349      0.00205
  4412500.00 |       0.01041      0.02906      0.03556      0.60311
0.28797      0.01104      0.00336      0.00168      0.00206
  4412000.00 |       0.01534      0.10465      0.11939      0.40115
0.02122      0.00313      0.00152      0.00130      0.00295
  4411500.00 |       0.01823      0.16148      0.16548      0.05169
0.00343      0.00147      0.00105      0.00163      0.00622
  4411000.00 |       0.02313      0.09503      0.00915      0.00306
0.00153      0.00091      0.00107      0.00285      0.00979
  4410500.00 |       0.21018      0.01765      0.00302      0.00132
0.00084      0.00078      0.00142      0.00537      0.02471
  4410000.00 |       0.01899      0.00246      0.00129      0.00077
0.00063      0.00090      0.00232      0.00947      0.02780
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***         10/27/11
                                   ***
                                   ***        09:13:12

                                                PAGE  18
 **MODELOPTs:  RegDFAULT CONC                DDEP
  ELEV
                                                                DRYDPLT
  WETDPLT
```

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ESER *** INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	532500.00	533000.00	533500.00	534000.00	534500.00
535000.00	535500.00	536000.00	536500.00		
4425000.00	0.00294	0.00300	0.00218	0.00198	0.00567
0.01248	0.09203	0.07492	0.03528		
4424500.00	0.00357	0.00339	0.00308	0.00230	0.00770
0.02210	0.05038	0.07721	0.04370		
4424000.00	0.00397	0.00382	0.00388	0.00276	0.01469
0.11786	0.11002	0.06281	0.06035		
4423500.00	0.00357	0.00473	0.00654	0.00800	0.01511
0.13188	0.17545	0.07033	0.08533		
4423000.00	0.00264	0.00649	0.00858	0.01676	0.02015
0.14829	0.17895	0.08291	0.12904		
4422500.00	0.00197	0.00920	0.02958	0.01244	0.02452
0.16564	0.18899	0.09906	0.21149		
4422000.00	0.00196	0.00709	0.18623	0.11534	0.05444
0.19292	0.20927	0.08301	0.31712		

4421500.00	0.00369	0.00432	0.15537	0.18664	0.06873
4421000.00	0.20222	0.24275	0.11430	0.18339	0.11403
4420500.00	0.07350	0.28431	0.31565	0.56103	0.15335
4420000.00	0.01114	0.27314	0.11260	0.24339	0.04600
4419500.00	0.03943	0.40300	0.49730	0.50901	0.04704
4419000.00	0.07473	0.28085	0.29555	0.21574	0.02454
4418500.00	0.06950	0.06411	0.77729	0.39329	0.11287
4418000.00	0.02798	0.06473	0.03398	0.23558	0.21762
4417500.00	0.03916	0.05950	1.04213	0.39069	0.25978
4417000.00	0.03233	0.00388	0.00507	0.05474	0.23811
4416500.00	0.06675	0.44662	1.02669	0.84230	3.19621
4416000.00	0.00788	0.00786	0.00847	0.01232	1.72378
4415500.00	1.05904	3.06129	1.83756	1.32922	1.48868
4415000.00	0.01236	0.01239	0.01789	0.04115	0.85007
4414500.00	53.00664	7.66360	2.93732	1.27737	0.14432
4414000.00	0.01485	0.01816	0.03441	0.06875	0.07434
	4.20892	13.09649	3.04171	0.97297	
	0.02342	0.02657	0.04426	0.16451	
	1.28375	7.71655	0.81312	0.51208	
	0.02367	0.03324	0.06137	0.12561	
	3.58476	1.26174	0.35688	0.15987	
	0.02548	0.04361	0.06123	0.22226	
	1.56804	0.77432	0.31520	0.20161	
	0.02660	0.03347	0.03835	0.21983	
	0.73674	0.41906	0.34545	0.13017	
	0.02373	0.02118	0.01612	0.17057	
	0.43852	0.31943	0.25302	0.12067	
	0.01410	0.00718	0.02952	0.26065	
	0.30080	0.26081	0.17212	0.15629	
	0.00448	0.00562	0.02324	0.17547	
	0.23377	0.22370	0.11450	0.14068	

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  4413500.00 |       0.00272      0.00860      0.02856      0.13209
0.11888      0.19541      0.19713      0.07728      0.13091
  4413000.00 |       0.00386      0.01857      0.05154      0.04402
0.03235      0.17747      0.17759      0.00251      0.10032
  4412500.00 |       0.00842      0.04051      0.10847      0.04891
0.02068      0.14571      0.15647      0.05409      0.07056
  4412000.00 |       0.01390      0.06270      0.17941      0.08226
0.03579      0.14220      0.13858      0.01458      0.04964
  4411500.00 |       0.03215      0.07534      0.15814      0.00810
0.00403      0.04126      0.14924      0.01704      0.03166
  4411000.00 |       0.06246      0.06977      0.02651      0.00319
0.00323      0.02405      0.00634      0.01130      0.00185
  4410500.00 |       0.02393      0.02911      0.00736      0.00204
0.00378      0.01182      0.01914      0.01406      0.00181
  4410000.00 |       0.03074      0.01180      0.00397      0.00171
0.00303      0.00572      0.01310      0.01284      0.00188
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***        09:13:12

                                               PAGE  19
 **MODELOPTs:  RegDFAULT CONC                 DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: ESER     ***
                                INCLUDING SOURCE(S):      AREA    ,

                                 *** NETWORK ID: CALISMA  ;  NETWORK
```

TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	537000.00	537500.00	538000.00	538500.00	539000.00
539500.00	540000.00	540500.00	541000.00		
4425000.00	0.07571	0.03344	0.15175	0.14510	0.05706
0.00698	0.00129	0.00064	0.00055		
4424500.00	0.10680	0.20821	0.03710	0.07543	0.01239
0.00222	0.00087	0.00064	0.00081		
4424000.00	0.15165	0.22497	0.02640	0.01771	0.00349
0.00122	0.00076	0.00090	0.00153		
4423500.00	0.20465	0.28316	0.01750	0.00506	0.00184
0.00096	0.00094	0.00192	0.00625		
4423000.00	0.27244	0.26033	0.01263	0.00341	0.00133
0.00116	0.00269	0.01177	0.02313		
4422500.00	0.37584	0.15441	0.01607	0.00243	0.00155
0.00497	0.02472	0.05400	0.04149		
4422000.00	0.12750	0.12197	0.00984	0.00325	0.01177
0.06009	0.13192	0.15075	0.09431		
4421500.00	0.22252	0.07276	0.00910	0.05621	0.17274
0.28130	0.29657	0.19528	0.04580		
4421000.00	0.25014	0.05853	0.08904	0.19035	0.27467
0.30277	0.13352	0.03721	0.00810		
4420500.00	0.15671	0.11873	0.29487	0.43722	0.15213
0.14145	0.03942	0.00878	0.00637		

4420000.00	0.18528	0.39624	0.50350	0.37718	0.08384
0.01979	0.02000	0.01310	0.00969		
4419500.00	0.54822	0.65604	0.05615	0.05160	0.03213
0.01720	0.02341	0.01791	0.01040		
4419000.00	0.83879	0.52756	0.04824	0.02929	0.03057
0.02054	0.01572	0.01159	0.00829		
4418500.00	1.08137	0.51812	0.08633	0.05182	0.03601
0.01333	0.00858	0.00573	0.00413		
4418000.00	0.85942	0.23167	0.12367	0.02768	0.02620
0.01035	0.00745	0.00639	0.00528		
4417500.00	0.55133	0.08730	0.04238	0.01493	0.02161
0.01305	0.00932	0.00800	0.00653		
4417000.00	0.17083	0.02717	0.02152	0.01048	0.00962
0.00723	0.00541	0.00516	0.00460		
4416500.00	0.04233	0.01250	0.01007	0.00625	0.00410
0.00342	0.00265	0.00262	0.00233		
4416000.00	0.01413	0.00400	0.00555	0.00628	0.00443
0.00423	0.00316	0.00267	0.00260		
4415500.00	0.03530	0.00660	0.00170	0.00172	0.00219
0.00321	0.00384	0.00381	0.00452		
4415000.00	0.09696	0.06189	0.00687	0.00097	0.00079
0.00116	0.00199	0.00311	0.00424		
4414500.00	0.04660	0.08460	0.04269	0.00312	0.00074
0.00047	0.00060	0.00110	0.00178		
4414000.00	0.01075	0.00505	0.03589	0.02219	0.00330
0.00065	0.00034	0.00039	0.00052		
4413500.00	0.02562	0.00331	0.01535	0.02498	0.01421
0.00307	0.00064	0.00028	0.00025		
4413000.00	0.03625	0.01325	0.00303	0.01156	0.02562
0.01655	0.00456	0.00065	0.00024		
4412500.00	0.09133	0.05324	0.00459	0.01021	0.04044
0.03334	0.02328	0.00186	0.00048		

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  4412000.00 |       0.07986      0.06228      0.02478      0.01034
0.02002      0.03596      0.02832      0.00999      0.00243
  4411500.00 |       0.06449      0.06327      0.03513      0.01233
0.00936      0.02276      0.03324      0.01325      0.00459
  4411000.00 |       0.05352      0.05943      0.04267      0.01771
0.00810      0.01258      0.02545      0.02806      0.02410
  4410500.00 |       0.04205      0.05473      0.04647      0.02487
0.00927      0.00724      0.01362      0.02094      0.02214
  4410000.00 |       0.02942      0.04072      0.04992      0.03502
0.01332      0.00597      0.00767      0.01431      0.01960
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/27/11
                                  ***
                                  ***        09:13:12

                                              PAGE  20
 **MODELOPTs:  RegDFAULT CONC                DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: ESER     ***
                                 INCLUDING SOURCE(S):      AREA    ,

                                  *** NETWORK ID: CALISMA  ;  NETWORK
TYPE: GRIDCART ***

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

    Y-COORD  |                                              X-COORD
```

outputfile2

(METERS) (METERS)	541500.00	542000.00	542500.00	543000.00
4425000.00	0.00073	0.00111	0.00217	0.00401
4424500.00	0.00124	0.00285	0.00515	0.00760
4424000.00	0.00388	0.00686	0.01061	0.01203
4423500.00	0.01118	0.01382	0.01182	0.01963
4423000.00	0.02518	0.02945	0.02970	0.00936
4422500.00	0.04964	0.03892	0.01156	0.02080
4422000.00	0.07187	0.01031	0.00342	0.00203
4421500.00	0.00923	0.00326	0.00261	0.00235
4421000.00	0.00361	0.00318	0.00315	0.00334
4420500.00	0.00491	0.00431	0.00441	0.00447
4420000.00	0.00713	0.00529	0.00535	0.00472
4419500.00	0.00625	0.00570	0.00481	0.00376
4419000.00	0.00497	0.00324	0.00255	0.00206
4418500.00	0.00305	0.00239	0.00222	0.00201
4418000.00	0.00397	0.00358	0.00328	0.00317
4417500.00	0.00545	0.00506	0.00474	0.00477
4417000.00	0.00501	0.00431	0.00460	0.00413
4416500.00	0.00234	0.00245	0.00244	0.00234
4416000.00	0.00189	0.00175	0.00117	0.00106
4415500.00	0.00348	0.00191	0.00148	0.00120
4415000.00	0.00343	0.00266	0.00221	0.00186
4414500.00	0.00174	0.00207	0.00239	0.00208
4414000.00	0.00082	0.00116	0.00168	0.00199
4413500.00	0.00033	0.00046	0.00072	0.00101
4413000.00	0.00019	0.00022	0.00030	0.00043
4412500.00	0.00023	0.00016	0.00017	0.00021
4412000.00	0.00094	0.00021	0.00014	0.00013

4411500.00	0.00538	0.00052	0.00021	0.00013
4411000.00	0.01488	0.00247	0.00086	0.00027
4410500.00	0.02089	0.01108	0.00473	0.00161
4410000.00	0.02071	0.01845	0.01115	0.00595

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** DISCRETE CARTESIAN
RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC
537268.00	4419321.00	0.72748
533288.00	4420664.00	0.12271
530873.00	4418253.00	0.20848

532253.00   4419045.00   0.02618
        534268.00   4421987.00   0.05492
536366.00   4419557.00   0.49082
        534987.00   4418091.00   14.69068
530614.00   4415312.00   0.53922
        538946.00   4413223.00   0.02593
541693.00   4411996.00   0.00046
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/27/11
                                  ***
                                  ***   09:13:12

                                             PAGE 22
 **MODELOPTs: RegDFAULT CONC   DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

                    *** THE ANNUAL   DRY DEPOSITION   VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: ESER   ***
                                 INCLUDING SOURCE(S):   AREA   ,

                                  *** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

                                       ** DEPO OF PM10   IN
GRAMS/M**2/YR   **

    Y-COORD | X-COORD
(METERS)
    (METERS) | 528000.00   528500.00   529000.00   529500.00
530000.00   530500.00   531000.00   531500.00   532000.00

4425000.00	0.00034	0.00045	0.00053	0.00054	0.00047
4424500.00	0.00040	0.00045	0.00068	0.00112	0.00059
4424000.00	0.00026	0.00039	0.00052	0.00060	0.00049
4423500.00	0.00018	0.00029	0.00044	0.00060	0.00068
4423000.00	0.00062	0.00052	0.00055	0.00085	0.00075
4422500.00	0.00013	0.00020	0.00032	0.00051	0.00065
4422000.00	0.00073	0.00065	0.00058	0.00074	0.00043
4421500.00	0.00011	0.00014	0.00022	0.00036	0.00027
4421000.00	0.00077	0.00081	0.00071	0.00070	0.00021
4420500.00	0.00013	0.00013	0.00016	0.00024	0.00029
4420000.00	0.00066	0.00091	0.00093	0.00082	0.00074
4419500.00	0.00022	0.00018	0.00016	0.00018	0.00303
4419000.00	0.00045	0.00091	0.00141	0.00125	0.00551
4418500.00	0.00051	0.00033	0.00025	0.00021	0.00356
4418000.00	0.00030	0.00063	0.00223	0.00144	0.00452
	0.00164	0.00105	0.00061	0.00039	0.00046
	0.00027	0.00036	0.00165	0.00130	0.00184
	0.00300	0.00298	0.00236	0.00148	0.00467
	0.00046	0.00038	0.00050	0.00088	0.00514
	0.00226	0.00385	0.00419	0.00409	
	0.00184	0.00135	0.00076	0.00059	
	0.00128	0.00266	0.00350	0.00429	
	0.00580	0.00456	0.00380	0.00263	
	0.00082	0.00135	0.00185	0.00263	
	0.00467	0.00590	0.00781	0.00271	
	0.00209	0.00309	0.00329	0.00344	
	0.00514	0.00613	0.00216	0.00257	
	0.00495	0.00862	0.00910	0.00915	

0.01000	0.01133	0.01454	0.00505	0.00458	
4417500.00	|	0.00947	0.01179	0.01253	0.01291
0.01320	0.01531	0.00893	0.00648	0.00636	
4417000.00	|	0.00462	0.00688	0.00825	0.00899
0.01085	0.01445	0.00671	0.00740	0.01114	
4416500.00	|	0.00250	0.00358	0.00522	0.00872
0.01452	0.02197	0.01307	0.01293	0.01447	
4416000.00	|	0.00550	0.00666	0.00901	0.01233
0.02228	0.03565	0.02424	0.01401	0.01607	
4415500.00	|	0.00882	0.00710	0.01376	0.01788
0.03479	0.03290	0.01313	0.01339	0.01870	
4415000.00	|	0.00772	0.01082	0.01084	0.01256
0.01561	0.01936	0.01358	0.01845	0.02250	
4414500.00	|	0.00680	0.00507	0.00488	0.00543
0.01197	0.02384	0.02043	0.02011	0.01794	
4414000.00	|	0.00372	0.00334	0.00431	0.00774
0.02147	0.03922	0.02170	0.01589	0.00935	
4413500.00	|	0.00293	0.00412	0.00673	0.01095
0.03676	0.03301	0.01342	0.00811	0.00376	
4413000.00	|	0.00421	0.00627	0.00933	0.01334
0.03776	0.01288	0.00645	0.00321	0.00228	
4412500.00	|	0.00611	0.00916	0.01099	0.03101
0.01922	0.00586	0.00284	0.00162	0.00264	
4412000.00	|	0.00774	0.01272	0.01326	0.02096
0.00557	0.00250	0.00132	0.00147	0.00384	
4411500.00	|	0.00802	0.01351	0.01223	0.00605
0.00235	0.00118	0.00101	0.00208	0.00593	
4411000.00	|	0.00725	0.00885	0.00386	0.00209
0.00112	0.00076	0.00123	0.00323	0.00784	
4410500.00	|	0.01193	0.00382	0.00192	0.00098
0.00064	0.00078	0.00177	0.00467	0.00978	
4410000.00	|	0.00352	0.00169	0.00092	0.00054

0.00054 0.00105 0.00265 0.00617 0.01062
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 09:13:12

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE ANNUAL DRY DEPOSITION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

** DEPO OF PM10 IN
GRAMS/M**2/YR **

Y-COORD (METERS)	X-COORD (METERS)											
	532500.00	533000.00	533500.00	534000.00	534500.00	535000.00	535500.00	536000.00	536500.00			
4425000.00	0.00140	0.00149	0.00120	0.00133	0.00274	0.00469	0.00674	0.00477	0.00409			
4424500.00	0.00148	0.00165	0.00148	0.00145								

0.00290	0.00537	0.00607	0.00533	0.00496	
4424000.00	|	0.00149	0.00178	0.00177	0.00160
0.00322	0.00831	0.00828	0.00531	0.00625	
4423500.00	|	0.00136	0.00194	0.00219	0.00199
0.00341	0.00800	0.01035	0.00609	0.00839	
4423000.00	|	0.00114	0.00210	0.00256	0.00257
0.00379	0.00913	0.01026	0.00794	0.01149	
4422500.00	|	0.00097	0.00217	0.00375	0.00289
0.00424	0.01069	0.01217	0.00980	0.01592	
4422000.00	|	0.00096	0.00180	0.00876	0.00691
0.00578	0.01241	0.01440	0.01078	0.02490	
4421500.00	|	0.00124	0.00145	0.00822	0.00901
0.00705	0.01490	0.01762	0.01545	0.02657	
4421000.00	|	0.00313	0.00430	0.00567	0.01156
0.00928	0.01500	0.02245	0.02751	0.03659	
4420500.00	|	0.00183	0.01045	0.00607	0.01270
0.01224	0.01770	0.03018	0.04213	0.03874	
4420000.00	|	0.00349	0.01077	0.01134	0.01159
0.01075	0.02424	0.03192	0.06159	0.03700	
4419500.00	|	0.00200	0.00389	0.00438	0.01373
0.01334	0.03411	0.05556	0.08357	0.03916	
4419000.00	|	0.00376	0.00205	0.00250	0.00770
0.01362	0.05968	0.12994	0.10412	0.06576	
4418500.00	|	0.00337	0.00393	0.00473	0.00680
0.02134	0.19180	0.34994	0.18056	0.10526	
4418000.00	|	0.00542	0.00671	0.01022	0.02066
0.07028	10.74051	1.00300	0.27901	0.12982	
4417500.00	|	0.00828	0.01214	0.02370	0.05278
0.21016	2.16649	2.11829	0.28853	0.10980	
4417000.00	|	0.01517	0.02080	0.03894	0.11639
0.22496	0.96880	1.68033	0.12865	0.05480	
4416500.00	|	0.01844	0.03015	0.05674	0.10139

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0.33632      0.43824      0.21207      0.06513      0.02290
  4416000.00 |       0.02310      0.03869      0.05304      0.08063
0.16648      0.18074      0.08511      0.04975      0.02247
  4415500.00 |       0.02584      0.03182      0.03269      0.05169
0.11574      0.08403      0.04889      0.04221      0.01866
  4415000.00 |       0.02221      0.01883      0.01796      0.05074
0.08943      0.04501      0.03148      0.02634      0.01639
  4414500.00 |       0.01268      0.00860      0.02034      0.05312
0.04227      0.02851      0.02251      0.01784      0.01558
  4414000.00 |       0.00505      0.00767      0.02344      0.04389
0.02422      0.02039      0.01717      0.01213      0.01646
  4413500.00 |       0.00361      0.01066      0.02605      0.03290
0.01736      0.01527      0.01365      0.00896      0.01342
  4413000.00 |       0.00512      0.01545      0.02696      0.02135
0.00981      0.01197      0.01103      0.00369      0.00862
  4412500.00 |       0.00804      0.01869      0.02517      0.01481
0.00674      0.01043      0.00911      0.00561      0.00665
  4412000.00 |       0.01074      0.01970      0.02273      0.01143
0.00605      0.00866      0.00776      0.00306      0.00507
  4411500.00 |       0.01321      0.01877      0.01780      0.00623
0.00348      0.00552      0.00776      0.00273      0.00367
  4411000.00 |       0.01475      0.01641      0.01032      0.00406
0.00289      0.00444      0.00340      0.00222      0.00194
  4410500.00 |       0.01329      0.01273      0.00692      0.00282
0.00259      0.00363      0.00359      0.00214      0.00152
  4410000.00 |       0.01256      0.00958      0.00468      0.00222
0.00229      0.00308      0.00308      0.00196      0.00128
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/27/11
                                  ***
                                  ***        09:13:12
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**MODELOPTs: RegDFAULT CONC DDEP ELEV DRYDPLT WETDPLT

*** THE ANNUAL DRY DEPOSITION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

** DEPO OF PM10 IN GRAMS/M**2/YR **

Y-COORD (METERS)	X-COORD (METERS)											
	537000.00	537500.00	538000.00	538500.00	539000.00	539500.00	540000.00	540500.00	541000.00			
4425000.00	0.00656	0.00852	0.01300	0.01016	0.00563	0.00228	0.00103	0.00056	0.00045			
4424500.00	0.00859	0.01298	0.01014	0.00845	0.00361	0.00157	0.00076	0.00054	0.00063			
4424000.00	0.01122	0.01420	0.00971	0.00576	0.00248	0.00110	0.00066	0.00071	0.00108			
4423500.00	0.01441	0.01809	0.00868	0.00413	0.00172	0.00087	0.00079	0.00125	0.00221			
4423000.00	0.01789	0.01903	0.00719	0.00294								

0.00126	0.00098	0.00147	0.00277	0.00416	
4422500.00	|	0.02339	0.01579	0.00559	0.00209
0.00128	0.00181	0.00368	0.00580	0.00599	
4422000.00	|	0.02088	0.01299	0.00393	0.00197
0.00242	0.00550	0.00913	0.01022	0.00790	
4421500.00	|	0.02345	0.00914	0.00343	0.00461
0.00911	0.01397	0.01523	0.01143	0.00564	
4421000.00	|	0.01999	0.00806	0.00712	0.01180
0.01634	0.01711	0.01043	0.00571	0.00352	
4420500.00	|	0.01627	0.01036	0.01522	0.02247
0.01424	0.01161	0.00635	0.00421	0.00379	
4420000.00	|	0.01805	0.02241	0.02885	0.02354
0.01124	0.00693	0.00608	0.00564	0.00547	
4419500.00	|	0.03532	0.03395	0.01689	0.01310
0.00995	0.00830	0.00821	0.00748	0.00639	
4419000.00	|	0.05375	0.04182	0.01861	0.01386
0.01199	0.00998	0.00827	0.00667	0.00530	
4418500.00	|	0.07183	0.04338	0.02141	0.01585
0.01195	0.00833	0.00622	0.00472	0.00368	
4418000.00	|	0.06767	0.03645	0.02317	0.01371
0.01020	0.00723	0.00566	0.00472	0.00397	
4417500.00	|	0.05618	0.02539	0.01683	0.01135
0.00984	0.00779	0.00626	0.00533	0.00457	
4417000.00	|	0.02920	0.01623	0.01173	0.00801
0.00663	0.00527	0.00429	0.00385	0.00340	
4416500.00	|	0.01176	0.00851	0.00696	0.00513
0.00383	0.00308	0.00246	0.00219	0.00193	
4416000.00	|	0.00745	0.00380	0.00402	0.00423
0.00365	0.00322	0.00258	0.00211	0.00178	
4415500.00	|	0.01081	0.00432	0.00186	0.00172
0.00207	0.00246	0.00259	0.00244	0.00230	
4415000.00	|	0.01069	0.00779	0.00297	0.00116

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0.00089      0.00111      0.00150      0.00184      0.00204
  4414500.00 |       0.00838      0.00784      0.00538      0.00214
0.00086      0.00055      0.00062      0.00086      0.00114
  4414000.00 |       0.00775      0.00417      0.00519      0.00373
0.00167      0.00070      0.00040      0.00040      0.00050
  4413500.00 |       0.00903      0.00375      0.00352      0.00396
0.00280      0.00134      0.00059      0.00032      0.00027
  4413000.00 |       0.00915      0.00463      0.00238      0.00292
0.00331      0.00234      0.00115      0.00052      0.00028
  4412500.00 |       0.00742      0.00569      0.00254      0.00215
0.00321      0.00299      0.00210      0.00093      0.00045
  4412000.00 |       0.00646      0.00548      0.00343      0.00223
0.00212      0.00280      0.00250      0.00156      0.00082
  4411500.00 |       0.00542      0.00532      0.00373      0.00231
0.00171      0.00194      0.00236      0.00188      0.00124
  4411000.00 |       0.00439      0.00488      0.00393      0.00251
0.00169      0.00156      0.00195      0.00208      0.00182
  4410500.00 |       0.00354      0.00429      0.00387      0.00275
0.00175      0.00136      0.00140      0.00155      0.00152
  4410000.00 |       0.00276      0.00440      0.00442      0.00334
0.00190      0.00131      0.00116      0.00129      0.00139
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/27/11
                                  ***
                                  ***        09:13:12

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 **MODELOPTs:  RegDFAULT CONC                DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT
```

*** THE ANNUAL DRY DEPOSITION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ESER ***

INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

** DEPO OF PM10 IN GRAMS/M**2/YR **

Y-COORD (METERS)	X-COORD (METERS) 541500.00	542000.00	542500.00	543000.00
4425000.00	0.00057	0.00083	0.00134	0.00197
4424500.00	0.00093	0.00157	0.00228	0.00285
4424000.00	0.00183	0.00267	0.00333	0.00352
4423500.00	0.00324	0.00388	0.00388	0.00383
4423000.00	0.00480	0.00489	0.00438	0.00304
4422500.00	0.00600	0.00491	0.00319	0.00268
4422000.00	0.00615	0.00322	0.00218	0.00164
4421500.00	0.00330	0.00233	0.00202	0.00200
4421000.00	0.00274	0.00259	0.00273	0.00292
4420500.00	0.00370	0.00376	0.00384	0.00382
4420000.00	0.00515	0.00471	0.00442	0.00395
4419500.00	0.00525	0.00453	0.00381	0.00315
4419000.00	0.00407	0.00316	0.00255	0.00209
4418500.00	0.00293	0.00242	0.00212	0.00187
4418000.00	0.00334	0.00296	0.00267	0.00246
4417500.00	0.00396	0.00357	0.00325	0.00303

4417000.00	0.00327	0.00291	0.00280	0.00255
4416500.00	0.00179	0.00172	0.00163	0.00154
4416000.00	0.00143	0.00123	0.00102	0.00092
4415500.00	0.00190	0.00144	0.00117	0.00098
4415000.00	0.00194	0.00172	0.00150	0.00129
4414500.00	0.00129	0.00142	0.00148	0.00139
4414000.00	0.00068	0.00086	0.00105	0.00117
4413500.00	0.00033	0.00043	0.00056	0.00071
4413000.00	0.00021	0.00023	0.00029	0.00038
4412500.00	0.00025	0.00017	0.00017	0.00021
4412000.00	0.00043	0.00022	0.00015	0.00014
4411500.00	0.00079	0.00037	0.00021	0.00014
4411000.00	0.00122	0.00064	0.00036	0.00021
4410500.00	0.00158	0.00108	0.00063	0.00037
4410000.00	0.00160	0.00135	0.00093	0.00062

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
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*** 09:13:12

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**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE ANNUAL DRY DEPOSITION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** DISCRETE CARTESIAN
RECEPTOR POINTS ***

** DEPO OF PM10 IN GRAMS/M**2/YR **

X-COORD (M)	Y-COORD (M)	DEPO	X-COORD (M)	Y-COORD (M)	DEPO
537268.00	4419321.00	0.03926	533288.00	4420664.00	0.00554
530873.00	4418253.00	0.00839	532253.00	4419045.00	0.00342
534268.00	4421987.00	0.00479	536366.00	4419557.00	0.04596
534987.00	4418091.00	2.18930	530614.00	4415312.00	0.02730
538946.00	4413223.00	0.00339	541693.00	4411996.00	0.00033

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
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*** 09:13:12

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**MODELOPTs: RegDFAULT CONC DDEP ELEV DRYDPLT WETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ESER *** INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)					
	528000.00	528500.00	529000.00	529500.00	530000.00	
4425000.0	0.16923 (04011216)	0.28676 (04011216)	0.44610 (04011216)	0.41189 (04011216)	0.26227 (04011216)	
4424500.0	0.14329 (04011216)	0.25234 (04011216)	0.39127 (04011216)	0.47601 (04011216)	0.40808 (04011216)	
4424000.0	0.08104 (04011216)	0.15409 (04011216)	0.27862 (04011216)	0.43213 (04011216)	0.50463 (04011216)	
4423500.0	0.04149 (04011216)	0.08440 (04011216)	0.16699 (04011216)	0.30951 (04011216)	0.47883 (04011216)	
4423000.0	0.01967 (04011216)	0.04401 (04011216)	0.08826 (04011216)	0.18126 (04011216)	0.50455 (04011216)	
4422500.0	0.03540 (04120616)	0.02399 (04120616)	0.04320 (04011216)	0.10354 (04011216)	0.25837 (04011216)	
4422000.0	0.06262 (04120616)	0.04831 (04120616)	0.03370 (04120616)	0.04317 (04011216)	0.10955 (04011216)	
4421500.0	0.55723 (04050408)	0.08207 (04120616)	0.06528 (04120616)	0.04779 (04120616)	0.04336 (04011216)	
4421000.0	2.90102 (04031008)	1.50344 (04050408)	0.61425 (04050408)	0.09905 (04012508)	0.06747 (04120616)	

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 4420500.0 |      7.41315 (04031008)      7.85537 (04031008)
5.07793 (04031008)      2.01039 (04050408)      0.44810 (04050408)
 4420000.0 |      2.51985 (04031008)      8.66639 (04031008)
10.68934 (04031008)     10.33266 (04031008)      5.99327 (04031008)
 4419500.0 |      1.20867 (04042124)      3.95883 (04112308)
6.00320c(04031308)      8.86637 (04031008)     12.01528 (04031008)
 4419000.0 |      0.34806c(04122724)      1.79299c(04122724)
2.83447c(04122724)      3.68424 (04112308)      4.87518c(04031308)
 4418500.0 |      1.83639 (04012608)      4.12415 (04012608)
4.59321 (04012608)      4.36045 (04012608)      4.48345 (04012608)
 4418000.0 |      3.42125 (04012608)      8.64632 (04012608)
10.56421 (04012608)     11.42163 (04012608)     12.37526 (04012608)
 4417500.0 |      7.81738 (04012608)     11.78679 (04042008)
13.91304 (04042008)     15.30610 (04042008)     16.11475 (04042008)
 4417000.0 |      3.35054 (04042008)      6.73497 (04042008)
8.88350 (04042008)     10.28246 (04042008)     10.67571 (04042008)
 4416500.0 |      1.34847 (04042008)      1.89578 (04042008)
1.60328 (04042008)      3.44313 (04030208)      7.41886 (04030208)
 4416000.0 |      1.55573 (04041308)      1.25941 (04041308)
1.43099 (04121108)      1.77310 (04011024)      6.02453 (04030208)
 4415500.0 |      1.25009 (04121108)      0.71996 (04022408)
2.18398 (04011024)      3.12298 (04011024)     13.93654 (04020408)
 4415000.0 |      0.73657 (04022408)      1.47686 (04011024)
1.35084 (04011024)      1.96677 (04020408)      4.77320 (04020408)
 4414500.0 |      0.58565 (04011024)      0.31978 (04072208)
0.25657 (04072208)      0.20290c(04010316)      2.55275c(04121908)
 4414000.0 |      0.19642 (04011016)      0.15656c(04010316)
0.20337c(04010316)      0.55525 (04102208)      6.96863 (04102408)
 4413500.0 |      0.15792c(04010316)      0.23226 (04122216)
0.38735 (04122216)      0.62803 (04030408)     14.12696 (04121008)
 4413000.0 |      0.28430 (04122216)      0.41196 (04122216)
0.55799 (04122716)      0.94985 (04100708)     13.14321 (04031208)
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 4412500.0 | 0.33302 (04122716)   0.62240 (04100708)
0.75989 (04122716)   10.53732 (04031208)   5.14271 (04031208)
 4412000.0 | 0.55783 (04122716)   1.19285 (04022308)
1.33607 (04102508)   8.44761 (04031208)   0.56765 (04042308)
 4411500.0 | 0.64316 (04122716)   2.14727 (04031208)
2.96319 (04031208)   0.94100 (04093008)   0.21670 (04042308)
 4411000.0 | 0.58128 (04122716)   1.50834 (04031208)
0.37725 (04042308)   0.21063 (04042308)   0.09781 (04042308)
 4410500.0 | 4.42789 (04031208)   0.50095 (04042308)
0.20791 (04042308)   0.05249 (04042308)   0.02441 (04110716)
 4410000.0 | 0.50684 (04042308)   0.16531 (04122716)
0.05429 (04042308)   0.02484 (04091408)   0.02008 (04030108)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/27/11
                                   ***
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 **MODELOPTs: RegDFAULT CONC   DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

                                *** THE   1ST HIGHEST 8-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ESER   ***
                                   INCLUDING SOURCE(S):   AREA   ,

                                    *** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	530500.00	531000.00	531500.00	532000.00	532500.00
4425000.0	0.11848 (04011216)	0.09261 (04012716)	0.13383 (04012716)	0.17939 (04120716)	0.18882 (04012716)
4424500.0	0.23131 (04011216)	0.09682 (04011216)	0.11897 (04012716)	0.18760 (04050908)	0.23397 (04101724)
4424000.0	0.39328 (04011216)	0.19474 (04011216)	0.10063 (04012716)	0.15295 (04012716)	0.28225 (04050908)
4423500.0	0.52876 (04011216)	0.36661 (04011216)	0.15990 (04011216)	0.13454 (04012716)	0.36098 (04050908)
4423000.0	0.53081 (04011216)	0.54606 (04011216)	0.32922 (04011216)	0.13155 (04011216)	0.21009 (04050908)
4422500.0	0.39019 (04011216)	0.58982 (04011216)	0.55314 (04011216)	0.44604 (04011216)	0.15455 (04012716)
4422000.0	0.21653 (04011216)	0.66712 (04011216)	1.38354 (04111808)	0.89533 (04011216)	0.23043 (04011216)
4421500.0	0.11215 (04011216)	0.32448 (04011216)	2.28829 (04111808)	1.17820 (04011216)	0.82446 (04011216)
4421000.0	0.04558 (04120616)	0.12070 (04011216)	2.96411 (04112508)	0.92045 (04011216)	4.01291c(04120408)
4420500.0	0.09438 (04120616)	0.06879 (04120616)	0.22073c(04122024)	0.41772 (04011216)	1.54994 (04111808)
4420000.0	2.26475 (04012424)	2.34910 (04050408)	0.64674 (04050408)	0.13062 (04011216)	6.86893 (04112508)
4419500.0	13.89577 (04031008)	12.07017 (04031008)	9.17923 (04031008)	4.57226 (04031008)	1.31037 (04012424)

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 4419000.0 |      7.96823 (04031008)     12.14136 (04031008)
17.15153 (04031008)      1.30055 (04012424)      3.83563 (04012424)
 4418500.0 |      4.20536 (04012608)      4.59777 (04112308)
1.05667 (04122916)      0.50200 (04120616)      0.72554 (04120616)
 4418000.0 |     13.62979 (04012608)     14.96866 (04012608)
0.96784 (04011216)      0.65619 (04011216)      0.64486 (04012616)
 4417500.0 |     18.25976 (04042008)      3.17174 (04012608)
1.26793 (04012408)      4.89719 (04011916)      0.80577 (04012616)
 4417000.0 |     11.33417 (04042008)      0.91607 (04012408)
0.41513 (04012616)      0.59371 (04011916)      0.62661 (04011916)
 4416500.0 |     11.53812 (04030208)      1.18112 (04022408)
0.80642 (04011916)      0.64139 (04011916)      0.61573 (04011916)
 4416000.0 |     18.83089 (04030208)      3.53893 (04011024)
0.75464 (04011916)      0.45505 (04011916)      0.58580 (04122716)
 4415500.0 |     16.09765c(04121908)      0.75195 (04011024)
0.36142c(04010316)      0.60595 (04122716)      1.07877 (04122716)
 4415000.0 |      7.95542c(04121908)      0.64651 (04112924)
0.79277 (04122716)      1.03252 (04122716)      1.05966 (04122716)
 4414500.0 |      9.68776 (04102408)      1.30384 (04100708)
1.07425 (04122716)      0.97714 (04122716)      0.58850 (04122716)
 4414000.0 |     12.57016 (04121008)      1.27340 (04022308)
0.95743 (04122716)      0.39713 (04122716)      0.13903 (04122716)
 4413500.0 |      6.37720 (04031208)      0.85305 (04122716)
0.46431 (04122716)      0.12854 (04122716)      0.05306 (04030108)
 4413000.0 |      0.85269 (04042308)      0.41117 (04122716)
0.17702 (04122716)      0.04384 (04121816)      0.07268 (04111208)
 4412500.0 |      0.40813 (04042308)      0.17798 (04122716)
0.04467 (04121816)      0.05237 (04030108)      0.18679 (04071624)
 4412000.0 |      0.17611 (04122716)      0.04578 (04121816)
0.03721 (04030108)      0.06748 (04111208)      0.28554 (04071624)
 4411500.0 |      0.05804 (04122716)      0.02650 (04030108)
0.05040 (04030108)      0.14519 (04071624)      0.61911 (04073008)
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 4411000.0 | 0.02438 (04110716)   0.03771 (04030108)
0.06324 (04111208)   0.22049 (04071624)   1.36011 (04073008)
 4410500.0 | 0.02770 (04030108)   0.04822 (04030108)
0.12442 (04071624)   0.44297 (04061624)   0.45928 (04073008)
 4410000.0 | 0.03717 (04030108)   0.05888 (04111208)
0.21083 (04052624)   0.61347 (04073008)   0.51793 (04073008)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/27/11
                                  ***
                                  ***   09:13:12

 **MODELOPTs: RegDFAULT CONC   DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

                              *** THE   1ST HIGHEST 8-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ESER   ***
                                  INCLUDING SOURCE(S):   AREA   ,

                                   *** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD
(METERS)
  (METERS) | 533000.00   533500.00
534000.00   534500.00   535000.00
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 4425000.0 |      0.26056 (04022708)      0.14542 (04012116)
0.14478 (04011116)      0.41509 (04120308)      0.91975 (04120308)
 4424500.0 |      0.27505 (04022708)      0.35248 (04012116)
0.13360 (04011116)      0.57751 (04120508)      1.54677 (04021908)
 4424000.0 |      0.22913 (04121716)      0.39421 (04012116)
0.15955 (04012116)      1.93956 (04121208)     17.89707 (04021908)
 4423500.0 |      0.29406 (04101724)      0.64480 (04022708)
1.02991c(04120408)      2.02890 (04121208)     16.61109 (04021908)
 4423000.0 |      0.52308 (04101724)      0.80871 (04022708)
2.44162c(04120408)      2.82739 (04121208)     18.70089 (04021908)
 4422500.0 |      0.87491 (04011908)      3.01710 (04011824)
1.01515c(04120408)      3.01030 (04121208)     20.82946 (04021908)
 4422000.0 |      0.51893 (04012624)     25.98067 (04012708)
22.03001 (04040608)      4.49914 (04021908)     24.24020 (04021908)
 4421500.0 |      0.26770 (04011216)     13.65906c(04020208)
28.08832 (04012708)      5.94096 (04040608)     24.82784 (04021908)
 4421000.0 |     14.54590c(04122024)      9.34617c(04020208)
33.52705 (04012708)     15.04385 (04040608)      6.50801 (04021908)
 4420500.0 |     32.32532c(04120408)      9.92134c(04120408)
29.91153 (04012708)     26.21930 (04040608)      2.58025 (04120308)
 4420000.0 |     24.80726c(04122024)     34.93800c(04122024)
15.93713 (04011824)      2.92470 (04022708)      3.79717 (04021908)
 4419500.0 |      5.36831 (04112508)      3.22171 (04111808)
28.10450c(04120408)      2.92415 (04022708)      2.53115 (04120308)
 4419000.0 |      0.36098 (04012508)      0.69483 (04011216)
4.20058 (04111808)      1.33556 (04050908)      3.15616 (04120308)
 4418500.0 |      0.73218 (04120616)      0.77425 (04120616)
0.92238 (04011216)      6.04416 (04111808)     66.77839 (04011824)
 4418000.0 |      0.68275 (04012616)      0.75361 (04012616)
1.32667 (04120616)      4.92704 (04012424)    355.38653 (04012708)
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 4417500.0 |      0.88879 (04012616)      1.00924 (04012616)
1.40160 (04010116)      2.38639 (04011916)     14.34335 (04010208)
 4417000.0 |      0.67783 (04011916)      0.82521 (04011916)
1.85834 (04022408)      2.37697 (04122716)      6.59278 (04022408)
 4416500.0 |      0.60917 (04011916)      1.26281 (04122716)
2.04401 (04122716)     27.11714 (04111208)     92.48786 (04111108)
 4416000.0 |      1.18261 (04122716)      1.65304 (04122716)
2.07667 (04100708)     51.92901 (04111208)     45.06952 (04111108)
 4415500.0 |      1.27751 (04122716)      1.04090 (04122716)
5.95640 (04111208)     53.98495 (04111208)     16.86247 (04111024)
 4415000.0 |      0.74135 (04122716)      0.22820 (04042308)
3.38681 (04123124)     26.43874 (04111108)     15.98825 (04081008)
 4414500.0 |      0.22369 (04042308)      0.46519 (04052624)
5.47060 (04123124)      2.84725 (04111024)     14.00442 (04020308)
 4414000.0 |      0.07805 (04111208)      0.43335 (04071624)
3.04176 (04073008)      2.29441 (04111024)     12.27035 (04020308)
 4413500.0 |      0.17525 (04071624)      0.47622 (04071624)
2.08136 (04102608)      6.78488 (04111024)     10.97950 (04020308)
 4413000.0 |      0.36475 (04071624)      0.81025 (04073008)
0.60109 (04072608)      2.14192c(04020708)     10.44849 (04020308)
 4412500.0 |      0.78627 (04073008)      1.87932 (04073008)
1.49601 (04111024)      2.12324c(04020708)      8.84596 (04020308)
 4412000.0 |      1.33047 (04073008)      4.96471 (04111108)
6.35494 (04111024)      3.94411c(04020708)      8.99693 (04020308)
 4411500.0 |      1.53686 (04073008)      6.52635 (04111024)
0.15936 (04080624)      0.37657 (04082008)      2.27425 (04020308)
 4411000.0 |      1.11532 (04073008)      0.50143 (04111024)
0.07550 (04042108)      0.30169 (04082008)      1.20173 (04010108)
 4410500.0 |      0.41894 (04072608)      0.13801 (04073024)
0.07739 (04042108)      0.43590 (04082008)      0.55908 (04010108)
 4410000.0 |      0.28949 (04072608)      0.08845 (04091508)
0.07875 (04042108)      0.32759 (04082008)      0.28703c(04041924)
```

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 09:13:12

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ESER *** INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	535500.00	536000.00	536500.00
4425000.0	8.08997 (04042408)	8.27809c(04120424)	1.95750c(04120424)
4424500.0	3.81697 (04042408)	7.29124c(04120424)	1.84064c(04011224)
	5.46643c(04011224)	1.57784 (04011424)	
	7.31083 (04122124)	10.83597 (04121824)	

```
 4424000.0 |      9.21239 (04042408)      7.73532c(04120424)
3.37273c(04011224)      9.57747c(04011224)     11.76777 (04121824)
 4423500.0 |     14.33854 (04042408)      7.44569c(04120424)
5.27732c(04011224)     11.25047c(04011224)     14.06894 (04121824)
 4423000.0 |     12.77810c(04120424)      6.25838c(04120424)
8.16061c(04011224)     14.16018 (04121824)     13.21833 (04010224)
 4422500.0 |     13.39055c(04120424)      6.16662c(04120424)
13.31272c(04011224)     19.12115 (04121824)      9.73554 (04010224)
 4422000.0 |     14.88384c(04120424)      4.79547c(04120424)
18.49225c(04011224)      4.77576 (04012108)      9.87017 (04010224)
 4421500.0 |     17.34187c(04120424)      7.97440c(04011224)
8.31543 (04012108)     11.60141 (04010224)      6.48025 (04010224)
 4421000.0 |     19.88436c(04120424)     16.48521c(04011224)
27.72920 (04121824)     16.15701 (04010224)      2.86265 (04010224)
 4420500.0 |     27.61969c(04120424)     23.07303c(04011224)
26.68904 (04010224)      9.98050 (04010224)      6.59993c(04011208)
 4420000.0 |      2.44308 (04112108)     37.02859 (04121824)
21.47793 (04010224)      7.91246c(04011208)     22.50626c(04011208)
 4419500.0 |      1.71102 (04112808)     51.36576 (04010224)
13.60965 (04010224)     26.65268c(04011208)     31.39978 (04122108)
 4419000.0 |     12.01488 (04012108)     38.78006 (04010224)
34.20494 (04122108)     35.00935 (04122108)     18.70743 (04122108)
 4418500.0 |     88.32137 (04010224)     52.92596 (04122108)
40.73269 (04122108)     36.64579c(04122008)     29.56003c(04100108)
 4418000.0 |    134.89589c(04122008)     78.62243c(04122008)
33.98851c(04122008)     42.53365c(04100108)      6.23390c(04122008)
 4417500.0 |    224.24179 (04122108)     90.35942c(04122008)
29.25143c(04122008)     23.58973 (04022008)      3.16272 (04022008)
 4417000.0 |    205.79368 (04052508)     32.91343c(04072808)
19.66260 (04050608)      4.46882 (04050608)      1.40275 (04022008)
 4416500.0 |     78.74151 (04052508)     48.81678c(04072808)
19.37405c(04072808)      1.90087 (04092024)      0.61030 (04010524)
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 4416000.0 | 30.78546 (04022508)   59.44928 (04052508)
37.70137c(04072808)   1.01800 (04102424)   0.15867 (04090824)
 4415500.0 | 19.16152 (04110824)   52.32349 (04052508)
11.91391 (04022508)   2.52195c(04072808)   0.49547 (04102424)
 4415000.0 | 16.92075 (04110824)   24.27130 (04052424)
25.36738 (04052508)   13.29216c(04072808)   10.26968c(04072808)
 4414500.0 | 14.97694 (04110824)   17.79536 (04052424)
34.50533 (04052508)   4.45408 (04022508)   12.94918c(04072808)
 4414000.0 | 13.54185 (04110824)   10.45438 (04052424)
19.93454 (04052508)   0.70163 (04022208)   0.56854 (04112208)
 4413500.0 | 12.49610 (04110824)   4.87125 (04052424)
11.92172 (04052424)   2.74440 (04052508)   0.15522 (04112208)
 4413000.0 | 11.87498 (04110824)   0.13490 (04122716)
11.64361 (04052424)   4.53650 (04052508)   2.46230 (04052508)
 4412500.0 | 10.65980 (04110824)   2.08432 (04020308)
8.16144 (04052424)   13.87409 (04052508)   15.05047 (04052508)
 4412000.0 | 9.55917 (04110824)   1.08667 (04110808)
5.33353 (04052424)   8.13181 (04052424)   15.38440 (04052508)
 4411500.0 | 10.17907 (04110824)   1.36856 (04020308)
3.23613 (04052424)   7.37030 (04052424)   12.60696 (04052508)
 4411000.0 | 0.23870 (04032924)   0.86247 (04020308)
0.09428 (04032924)   6.60343 (04052424)   8.37837 (04052508)
 4410500.0 | 0.56584 (04101008)   1.08303 (04020308)
0.12418 (04043008)   5.26739 (04052424)   5.51039 (04052424)
 4410000.0 | 0.37697 (04052024)   0.88484 (04020308)
0.21785 (04043008)   3.62762 (04052424)   4.25820 (04052424)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/27/11
                                  ***
                                  ***   09:13:12

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**MODELOPTs: RegDFAULT CONC DDEP ELEV DRYDPLT WETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ESER *** INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	538000.00	538500.00	539000.00	539500.00	540000.00
4425000.0	7.45583 (04012108)	9.57523 (04010224)	5.75466 (04010224)	0.45376 (04010224)	0.06023 (04050808)
4424500.0	2.06044 (04122616)	6.02044 (04010224)	0.93359 (04010224)	0.10012 (04050808)	0.03440 (04010216)
4424000.0	1.56459 (04122616)	1.20503 (04122616)	0.22904 (04122616)	0.05152 (04010216)	0.01996 (04021916)
4423500.0	1.31823 (04122616)	0.37933 (04122616)	0.07680 (04010216)	0.03058 (04010216)	0.02676c(04121916)
4423000.0	0.89431 (04122616)	0.14078 (04122616)	0.04860 (04010216)	0.02788 (04123116)	0.14841 (04012724)

```
 4422500.0 |      0.86644 (04010224)      0.07857 (04010216)
0.03375 (04020608)      0.34782 (04012724)      1.47626 (04012724)
 4422000.0 |      0.56509 (04010224)      0.26450 (04050808)
0.74861 (04012724)      4.20874c(04011208)      8.10192c(04011208)
 4421500.0 |      0.81766 (04050808)      3.84139c(04011208)
13.26310c(04011208)     16.46161c(04011208)     14.68648 (04122108)
 4421000.0 |      5.37745c(04011208)     13.99404c(04011208)
13.71840c(04011208)     14.54756 (04122108)      6.61393 (04122108)
 4420500.0 |     18.39548c(04011208)     20.52611 (04122108)
5.66102 (04122108)      6.91034 (04122108)      1.83153 (04012908)
 4420000.0 |     22.89233 (04122108)     18.17992 (04122108)
3.09445 (04012908)      1.00123 (04011116)      0.71750 (04120108)
 4419500.0 |      2.46348 (04011116)      1.72535 (04011116)
0.99543 (04120108)      0.57284 (04020824)      0.71015 (04020824)
 4419000.0 |      1.38599 (04011116)      0.90735 (04020824)
0.96569 (04020824)      0.73908 (04020824)      0.56518 (04020824)
 4418500.0 |      2.67369 (04120108)      1.33258 (04120108)
0.97149 (04050608)      0.38027 (04050608)      0.23875 (04060124)
 4418000.0 |      3.05526 (04022008)      0.56275 (04112524)
0.68065 (04051508)      0.33357 (04100608)      0.31578 (04122516)
 4417500.0 |      1.91604 (04022008)      0.71476 (04022008)
1.44157 (04022008)      0.61959 (04022008)      0.55045 (04022008)
 4417000.0 |      1.42562 (04022008)      0.71439 (04022008)
0.72056 (04022008)      0.71914 (04022008)      0.71606 (04022008)
 4416500.0 |      0.56242 (04111516)      0.49585 (04111516)
0.20463 (04111516)      0.21174 (04022008)      0.26779 (04022008)
 4416000.0 |      0.33522 (04010524)      0.41136 (04111516)
0.23896 (04111516)      0.23660 (04111516)      0.21104 (04111516)
 4415500.0 |      0.04941 (04021408)      0.10868 (04111516)
0.16530 (04122916)      0.30651 (04111516)      0.37469 (04111516)
 4415000.0 |      0.77916 (04102424)      0.04192 (04021408)
0.04785 (04122916)      0.08930 (04122916)      0.16023 (04111516)
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 4414500.0 |      7.06614c(04072808)      0.28327 (04080624)
0.03998 (04021408)      0.02317 (04122916)      0.04831 (04122916)
 4414000.0 |      4.65583c(04072808)      2.82243c(04072808)
0.41669 (04102424)      0.04125 (04112224)      0.01126 (04122916)
 4413500.0 |      1.55237 (04042708)      3.29718c(04072808)
1.53671c(04072808)      0.45973c(04072808)      0.04982c(04072808)
 4413000.0 |      0.28217 (04112208)      0.92679 (04113024)
3.88414c(04072808)      2.53348c(04072808)      1.29324c(04072808)
 4412500.0 |      0.96616 (04053124)      1.66781 (04022508)
6.24064c(04072808)      5.81279c(04072808)      5.03473c(04072808)
 4412000.0 |      5.72105 (04052508)      1.00859 (04053124)
3.47391 (04022508)      6.65504c(04072808)      4.55139c(04072808)
 4411500.0 |      9.45258 (04052508)      1.77274 (04052508)
1.19333 (04022508)      3.18560 (04022508)      6.92012c(04072808)
 4411000.0 |     11.29924 (04052508)      4.05244 (04052508)
0.82796 (04053124)      1.72338 (04022508)      3.80572 (04022508)
 4410500.0 |     10.97306 (04052508)      6.68657 (04052508)
1.39069 (04052508)      0.66433 (04022508)      1.97831 (04022508)
 4410000.0 |     10.56765 (04052508)     10.24187 (04052508)
3.01169 (04052508)      0.69421 (04053124)      0.94912 (04022508)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***         10/27/11
                                   ***
                                   ***        09:13:12

                                               PAGE  32
 **MODELOPTs:  RegDFAULT CONC                 DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

                                  *** THE   1ST HIGHEST  8-HR AVERAGE
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CONCENTRATION VALUES FOR SOURCE GROUP: ESER *** INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	540500.00	541000.00	541500.00	542000.00	542500.00
4425000.0	0.02271 (04010216)	0.01629c(04121916)	0.02579c(04121916)	0.04423 (04010416)	0.10601 (04020608)
4424500.0	0.01632 (04123116)	0.02628c(04121916)	0.04648 (04010416)	0.14448 (04012724)	0.25120 (04020608)
4424000.0	0.02668c(04121916)	0.05830 (04020608)	0.25716 (04012724)	0.36538 (04012724)	0.51541 (04012808)
4423500.0	0.07741 (04020608)	0.48851 (04012724)	0.61975 (04012724)	0.67085 (04012808)	0.74024 (04011116)
4423000.0	0.86280 (04012724)	1.12817 (04010408)	1.12558 (04012808)	1.53164 (04011116)	1.62808 (04011116)
4422500.0	2.78539c(04011208)	1.61264 (04012808)	1.70947 (04011116)	1.67346 (04011116)	0.99325 (04011116)
4422000.0	6.68403 (04122108)	4.34064 (04122108)	3.21092 (04122108)	0.91999 (04011116)	0.35838 (04011116)
4421500.0	10.61985 (04122108)	1.93298 (04012908)	0.81073 (04011116)	0.27304 (04011116)	0.20189 (04010416)

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 4421000.0 |      1.70133 (04012908)      0.78384 (04011116)
0.23949 (04010416)      0.27832 (04010416)      0.18849 (04010416)
 4420500.0 |      0.57702 (04011116)      0.33779 (04010416)
0.37432 (04010416)      0.24072 (04010416)      0.24705 (04010416)
 4420000.0 |      0.44860 (04010416)      0.45818 (04010416)
0.43662 (04010416)      0.26136 (04010416)      0.23341 (04010416)
 4419500.0 |      0.61874 (04020824)      0.40793 (04010416)
0.23229 (04010416)      0.25081 (04010416)      0.18701 (04010416)
 4419000.0 |      0.39104 (04020824)      0.24569 (04020824)
0.15782 (04060124)      0.08643 (04060124)      0.06035 (04010616)
 4418500.0 |      0.15477 (04060124)      0.12340 (04122916)
0.12557 (04122916)      0.07440 (04120516)      0.07443 (04122916)
 4418000.0 |      0.30937 (04122516)      0.30166 (04122516)
0.15151 (04122516)      0.14936 (04122516)      0.14711 (04122516)
 4417500.0 |      0.49667 (04022008)      0.44667 (04022008)
0.40109 (04022008)      0.35996 (04022008)      0.32327 (04022008)
 4417000.0 |      0.70848 (04022008)      0.69605 (04022008)
0.67873 (04022008)      0.65704 (04022008)      0.63190 (04022008)
 4416500.0 |      0.31925 (04022008)      0.36505 (04022008)
0.40496 (04022008)      0.43891 (04022008)      0.46701 (04022008)
 4416000.0 |      0.17446 (04081108)      0.26014 (04111516)
0.18194 (04081108)      0.15757 (04081108)      0.10622 (04022008)
 4415500.0 |      0.39953 (04111516)      0.38722 (04111516)
0.34587 (04111516)      0.15167 (04111516)      0.12213 (04111516)
 4415000.0 |      0.23898 (04111516)      0.33623 (04010524)
0.33945 (04111516)      0.18156 (04111516)      0.17357 (04111516)
 4414500.0 |      0.08162 (04122916)      0.12820 (04111516)
0.14509 (04122916)      0.16195 (04122916)      0.17710 (04010524)
 4414000.0 |      0.02679 (04122916)      0.04788 (04122916)
0.07373 (04122916)      0.10201 (04111516)      0.15144 (04111516)
 4413500.0 |      0.01056 (04042316)      0.01413 (04122916)
0.02836 (04122916)      0.04671 (04122916)      0.06796 (04122916)
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 4413000.0 |      0.07935c(04072808)      0.01127 (04042316)
0.00747 (04122916)      0.01634 (04122916)      0.02942 (04122916)
 4412500.0 |      0.25742 (04102424)      0.03366 (04080624)
0.01184 (04042316)      0.00605 (04103016)      0.00933 (04122916)
 4412000.0 |      1.68478c(04072808)      0.62422c(04072808)
0.23840c(04072808)      0.01225 (04042316)      0.00495 (04103016)
 4411500.0 |      1.55772 (04122108)      0.52804 (04102424)
2.07921c(04072808)      0.08676c(04072808)      0.01265 (04042316)
 4411000.0 |      6.25691c(04072808)      3.67163c(04072808)
3.87751c(04072808)      0.82997c(04072808)      0.24295c(04072808)
 4410500.0 |      3.26573c(04072808)      4.28520c(04072808)
3.01398c(04072808)      2.99416c(04072808)      1.90287c(04072808)
 4410000.0 |      2.04697 (04022508)      3.29451c(04072808)
4.30091c(04072808)      2.82372 (04122124)      3.16874c(04072808)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***        09:13:12

                                              PAGE  33
 **MODELOPTs:  RegDFAULT CONC                DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

                               *** THE   1ST HIGHEST  8-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  ESER     ***
                                  INCLUDING SOURCE(S):      AREA    ,

                                   *** NETWORK ID: CALISMA  ;  NETWORK
TYPE: GRIDCART ***
```

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

Y-COORD (METERS)	X-COORD (METERS) 543000.00
4425000.0	0.20842 (04020608)
4424500.0	0.33825 (04012808)
4424000.0	0.64773 (04011116)
4423500.0	1.08322 (04011116)
4423000.0	0.74459 (04011116)
4422500.0	0.99329c(04011224)
4422000.0	0.18078 (04011116)
4421500.0	0.14104 (04010416)
4421000.0	0.20732 (04010416)
4420500.0	0.24103 (04010416)
4420000.0	0.19993 (04010416)
4419500.0	0.11768 (04060124)
4419000.0	0.05497 (04120516)
4418500.0	0.07613 (04122916)
4418000.0	0.14475 (04122516)
4417500.0	0.29061 (04022008)
4417000.0	0.60393 (04022008)
4416500.0	0.48955 (04022008)
4416000.0	0.13577 (04022008)
4415500.0	0.10708 (04081108)
4415000.0	0.15639 (04111516)
4414500.0	0.16031 (04111516)
4414000.0	0.19907 (04111516)

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 4413500.0 |      0.08958 (04122916)
 4413000.0 |      0.04552 (04122916)
 4412500.0 |      0.01825 (04122916)
 4412000.0 |      0.00605 (04103016)
 4411500.0 |      0.00526 (04021408)
 4411000.0 |      0.03147 (04032124)
 4410500.0 |      0.48968c(04072808)
 4410000.0 |      1.68527c(04072808)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***        09:13:12

                                               PAGE  34
 **MODELOPTs:  RegDFAULT CONC                 DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

                                *** THE   1ST HIGHEST  8-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  ESER     ***
                                  INCLUDING SOURCE(S):      AREA    ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

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

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

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        537268.00   4419321.00       34.12395  (04122108)
533288.00   4420664.00       14.38201c (04120408)
        530873.00   4418253.00        9.03580  (04012608)
532253.00   4419045.00        3.23977  (04012424)
        534268.00   4421987.00        8.59171  (04040608)
536366.00   4419557.00       24.79469  (04010224)
        534987.00   4418091.00      308.85642  (04012708)
530614.00   4415312.00       12.82797  (04020408)
        538946.00   4413223.00        3.60961c (04072808)
541693.00   4411996.00        0.05903c (04072808)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
                                  ***        09:13:12

                                              PAGE  35
 **MODELOPTs:  RegDFAULT CONC                DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  ESER     ***
                                  INCLUDING SOURCE(S):      AREA    ,

                                   *** NETWORK ID: CALISMA  ;  NETWORK
TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	528000.00	528500.00	529000.00
529500.00	530000.00		
4425000.0	0.07521c(04011224)	0.12745c(04011224)	0.19827c(04011224)
0.18306c(04011224)	0.11657c(04011224)		
4424500.0	0.06368c(04011224)	0.11215c(04011224)	0.17390c(04011224)
0.21156c(04011224)	0.18137c(04011224)		
4424000.0	0.03602c(04011224)	0.06848c(04011224)	0.12383c(04011224)
0.19206c(04011224)	0.22428c(04011224)		
4423500.0	0.01844c(04011224)	0.03751c(04011224)	0.07422c(04011224)
0.13756c(04011224)	0.21281c(04011224)		
4423000.0	0.00874c(04011224)	0.01956c(04011224)	0.03923c(04011224)
0.08056c(04011224)	0.22424c(04011224)		
4422500.0	0.01180 (04120624)	0.00868c(04011224)	0.01920c(04011224)
0.04602c(04011224)	0.11483c(04011224)		
4422000.0	0.02087 (04120624)	0.01610 (04120624)	0.01123 (04120624)
0.01919c(04011224)	0.04869c(04011224)		
4421500.0	0.18574 (04050424)	0.02917 (04012524)	0.02176 (04120624)
0.01593 (04120624)	0.01927c(04011224)		
4421000.0	0.96701 (04031024)	0.50115 (04050424)	0.20475 (04050424)
0.03502 (04012524)	0.02249 (04120624)		
4420500.0	2.47105 (04031024)	2.61846 (04031024)	1.69264 (04031024)
0.67013 (04050424)	0.14937 (04050424)		
4420000.0	0.83995 (04031024)	2.88880 (04031024)	3.56311 (04031024)
3.44422 (04031024)	1.99776 (04031024)		
4419500.0	0.40289 (04042124)	1.31961 (04112324)	1.71520c(04031324)
2.95546 (04031024)	4.00509 (04031024)		
4419000.0	0.11150 (04012624)	0.54601c(04122724)	

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0.86313c(04122724)      1.22808 (04112324)      1.59231 (04112324)
 4418500.0 |       1.11120 (04012624)      2.37174 (04012624)
2.60940 (04012624)      2.49947 (04012624)      2.57332 (04012624)
 4418000.0 |       2.07407 (04012624)      5.09008 (04012624)
6.11387 (04012624)      6.44725 (04012624)      6.92698 (04012624)
 4417500.0 |       4.23409 (04012624)      6.12707 (04012624)
7.11698 (04012624)      7.80481 (04012624)      8.15233 (04012624)
 4417000.0 |       1.47042 (04012624)      2.76123 (04012624)
3.58960 (04042024)      4.11184 (04042024)      4.37158 (04012624)
 4416500.0 |       0.49250 (04042024)      0.68677 (04042024)
0.65959 (04030224)      1.54756 (04041324)      2.99674 (04030224)
 4416000.0 |       0.73412 (04041324)      0.61609 (04041324)
0.71236 (04011024)      0.92712 (04011024)      2.23584 (04030224)
 4415500.0 |       0.65028 (04011024)      0.30689 (04011924)
1.01062 (04011024)      1.36356 (04011024)      5.90647 (04020424)
 4415000.0 |       0.32570 (04011924)      0.60907 (04011024)
0.55055 (04011024)      0.92189 (04122224)      2.02140 (04020424)
 4414500.0 |       0.27972 (04011024)      0.14804 (04011024)
0.13258 (04011024)      0.10767c(04010324)      0.95396 (04102424)
 4414000.0 |       0.11309 (04011024)      0.06058c(04010324)
0.06774c(04010324)      0.22006 (04102324)      2.70351 (04111324)
 4413500.0 |       0.05095c(04010324)      0.07742 (04122224)
0.13625c(04122724)      0.28194 (04052224)      6.00246 (04111324)
 4413000.0 |       0.09477 (04122224)      0.13732 (04122224)
0.23930c(04122724)      0.39579c(04122724)      5.26281 (04031124)
 4412500.0 |       0.13871c(04122724)      0.25771c(04122724)
0.32417c(04122724)      4.28225 (04031124)      1.90905 (04031124)
 4412000.0 |       0.22041c(04122724)      0.51409 (04111324)
0.59278 (04092724)      3.27210 (04031124)      0.19935 (04042324)
 4411500.0 |       0.23328c(04122724)      0.86837 (04102924)
1.01371 (04031124)      0.34543c(04042524)      0.07354 (04042324)
 4411000.0 |       0.23478c(04122724)      0.56935c(04042524)
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0.12920c(04122724) 0.07143 (04042324) 0.03314 (04042324)
 4410500.0 | 1.63386 (04031124) 0.17310 (04042324)
0.07046 (04042324) 0.01801 (04042324) 0.00864 (04091424)
 4410000.0 | 0.17485 (04042324) 0.05753c(04122724)
0.01860 (04042324) 0.00877 (04091424) 0.00669 (04030124)

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/27/11
 ***
 *** 09:13:12

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 **MODELOPTs: RegDFAULT CONC DDEP
 ELEV
 DRYDPLT
 WETDPLT

 *** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ESER ***
 INCLUDING SOURCE(S): AREA ,

 *** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

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

  Y-COORD | X-COORD (METERS)
  (METERS) | 530500.00 531000.00 531500.00 532000.00 532500.00
 -

```
 4425000.0 |      0.05266c(04011224)      0.03087 (04012724)
0.04461 (04012724)      0.05980 (04120724)      0.06322 (04012724)
 4424500.0 |      0.10280c(04011224)      0.04303c(04011224)
0.03966 (04012724)      0.06253 (04050924)      0.07805 (04101724)
 4424000.0 |      0.17479c(04011224)      0.08655c(04011224)
0.03683c(04011224)      0.05098 (04012724)      0.09408 (04050924)
 4423500.0 |      0.23500c(04011224)      0.16294c(04011224)
0.07107c(04011224)      0.04485 (04012724)      0.12033 (04050924)
 4423000.0 |      0.23591c(04011224)      0.24269c(04011224)
0.14632c(04011224)      0.05847c(04011224)      0.07003 (04050924)
 4422500.0 |      0.17342c(04011224)      0.26214c(04011224)
0.24584c(04011224)      0.19824c(04011224)      0.05152 (04012724)
 4422000.0 |      0.09623c(04011224)      0.29650c(04011224)
0.47130c(04011224)      0.39793c(04011224)      0.10241c(04011224)
 4421500.0 |      0.04984c(04011224)      0.14422c(04011224)
0.76276 (04111824)      0.52364c(04011224)      0.36643c(04011224)
 4421000.0 |      0.01926c(04011224)      0.05365c(04011224)
0.98864 (04112524)      0.40909c(04011224)      1.28393c(04120424)
 4420500.0 |      0.03146 (04120624)      0.02293 (04120624)
0.07552c(04122024)      0.18565c(04011224)      0.51665 (04111824)
 4420000.0 |      0.75492 (04012424)      0.78303 (04050424)
0.21558 (04050424)      0.05805c(04011224)      2.29276 (04112524)
 4419500.0 |      4.63192 (04031024)      4.02339 (04031024)
3.05974 (04031024)      1.52409 (04031024)      0.43934 (04012424)
 4419000.0 |      2.65609 (04031024)      4.04713 (04031024)
5.71718 (04031024)      0.45036 (04012524)      1.27874 (04012424)
 4418500.0 |      2.44337 (04012624)      2.25868 (04012624)
0.35222 (04122924)      0.16754 (04120624)      0.24677 (04120624)
 4418000.0 |      7.62615 (04012624)      8.63929 (04012624)
0.43015c(04011224)      0.29164c(04011224)      0.21495 (04012624)
 4417500.0 |      9.20511 (04012624)      1.75392 (04012624)
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0.56571 (04010224)      1.67624 (04011924)      0.26859 (04012624)
 4417000.0 |       4.71140 (04012624)      0.39745 (04010224)
0.16481 (04011924)      0.27310 (04011924)      0.26201 (04011924)
 4416500.0 |       4.47879 (04030224)      0.48690 (04011024)
0.40462 (04011924)      0.27408 (04011924)      0.25178 (04011924)
 4416000.0 |       7.28708 (04020424)      1.60416 (04011024)
0.36489 (04011924)      0.18877 (04011924)      0.20496c(04122724)
 4415500.0 |       6.50832 (04020424)      0.35545 (04011024)
0.14912c(04010324)      0.21625c(04122724)      0.37676c(04122724)
 4415000.0 |       3.03110 (04020424)      0.26077 (04052224)
0.32898c(04122724)      0.37040c(04122724)      0.37067c(04122724)
 4414500.0 |       3.53492 (04111324)      0.56657 (04052224)
0.40829c(04122724)      0.34338c(04122724)      0.20470c(04122724)
 4414000.0 |       5.46069 (04111324)      0.65336c(04122724)
0.34057c(04122724)      0.13813c(04122724)      0.04844c(04122724)
 4413500.0 |       2.97250 (04111324)      0.32600c(04122724)
0.16176c(04122724)      0.04471c(04122724)      0.01833 (04111224)
 4413000.0 |       0.44010c(04122724)      0.14306c(04122724)
0.06157c(04122724)      0.01461 (04110724)      0.03042 (04101324)
 4412500.0 |       0.14749c(04122724)      0.06191c(04122724)
0.01489 (04121824)      0.01746 (04030124)      0.07322 (04052624)
 4412000.0 |       0.06126c(04122724)      0.01526 (04121824)
0.01240 (04030124)      0.02426 (04101324)      0.11339 (04052624)
 4411500.0 |       0.02019c(04122724)      0.00931 (04110724)
0.01680 (04030124)      0.05571 (04052624)      0.23252 (04073024)
 4411000.0 |       0.00872 (04110724)      0.01257 (04030124)
0.02320 (04101324)      0.08524 (04052624)      0.49493 (04073024)
 4410500.0 |       0.00923 (04030124)      0.01607 (04030124)
0.04932 (04052624)      0.15981 (04102324)      0.20096 (04073024)
 4410000.0 |       0.01239 (04030124)      0.01974 (04111224)
0.08181 (04052624)      0.22717 (04073024)      0.23559 (04073024)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
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**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ESER *** INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	533000.00	533500.00	534000.00	534500.00	535000.00
4425000.0	0.08687 (04022724)	0.04847 (04012124)	0.04826 (04011124)	0.13849 (04120324)	0.34722 (04120724)
4424500.0	0.09169 (04022724)	0.11749 (04012124)	0.04453 (04011124)	0.19250 (04120524)	0.52130 (04021924)
4424000.0	0.07935 (04012724)	0.13140 (04012124)			

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0.05318 (04012124)      0.67235 (04121224)      5.97179 (04021924)
 4423500.0 |       0.09819 (04101724)      0.21508 (04022724)
0.34036c(04120424)      0.70424 (04121224)      5.54366 (04021924)
 4423000.0 |       0.17449 (04101724)      0.26965 (04022724)
0.79604c(04120424)      0.97333 (04121224)      6.24084 (04021924)
 4422500.0 |       0.29164 (04011924)      1.09121 (04012724)
0.35162c(04120424)      1.03828 (04121224)      6.95114 (04021924)
 4422000.0 |       0.18564 (04111724)     10.26039 (04012724)
8.05233 (04040624)      1.50152 (04021924)      8.08918 (04021924)
 4421500.0 |       0.11898c(04011224)      5.32892 (04012724)
10.27397 (04012724)      2.19159 (04040624)      8.28663 (04021924)
 4421000.0 |       4.43503c(04120424)      3.00938 (04012724)
12.59780 (04012724)      5.49727 (04040624)      2.18199 (04021924)
 4420500.0 |      10.30081c(04120424)      3.21590c(04120424)
11.69713 (04012724)      9.58782 (04040624)      0.86241 (04012024)
 4420000.0 |       7.14170c(04122024)     10.44938c(04120424)
6.56379 (04012724)      0.98257 (04022724)      1.28693 (04021924)
 4419500.0 |       1.79756 (04112524)      1.07390 (04111824)
9.01336c(04120424)      0.97896 (04022724)      0.85621 (04120324)
 4419000.0 |       0.13634 (04012524)      0.30881c(04011224)
1.40023 (04111824)      0.45766c(04011224)      1.24425 (04012024)
 4418500.0 |       0.24412 (04120624)      0.25995 (04012524)
0.40994c(04011224)      2.10601 (04020324)     24.57695 (04011824)
 4418000.0 |       0.22758 (04012624)      0.25120 (04012624)
0.63836 (04010224)      3.14469 (04012424)    160.00408 (04012624)
 4417500.0 |       0.29626 (04012624)      0.33641 (04012624)
0.55445 (04011924)      1.30015 (04010924)     10.22304 (04010124)
 4417000.0 |       0.27704 (04011924)      0.33868 (04011924)
0.87510 (04011924)      0.96408c(04122724)      3.98205 (04071624)
 4416500.0 |       0.25115 (04011924)      0.44275c(04122724)
0.82325c(04122724)     15.63722 (04111224)     53.73500 (04111124)
 4416000.0 |       0.42385c(04122724)      0.62541c(04122724)
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1.09573c(04122724) 25.88948 (04111124) 26.44350 (04111124)
 4415500.0 | 0.45078c(04122724) 0.37111c(04122724)
2.03948 (04111224) 30.27890 (04111124) 9.30466 (04111124)
 4415000.0 | 0.25808c(04122724) 0.09910c(04122724)
1.21390 (04073024) 15.98465 (04111124) 7.89076 (04110824)
 4414500.0 | 0.07719 (04042324) 0.18895 (04052624)
2.32732 (04111124) 1.47086 (04111024) 6.71233 (04110824)
 4414000.0 | 0.03922 (04101324) 0.17885 (04071724)
1.27095 (04111124) 0.98262 (04111024) 5.75010 (04110824)
 4413500.0 | 0.06873 (04101324) 0.21850 (04071724)
1.17343 (04111024) 2.52587 (04111124) 5.04876 (04110824)
 4413000.0 | 0.14367 (04071624) 0.37868 (04073024)
0.27710 (04072624) 0.65189c(04020724) 4.70518 (04110824)
 4412500.0 | 0.30813 (04073024) 0.85116 (04111124)
0.65098 (04111024) 0.64620c(04020724) 3.69287 (04110824)
 4412000.0 | 0.51143 (04073024) 3.13655 (04111124)
2.31005 (04111024) 1.20038c(04020724) 3.78143 (04110824)
 4411500.0 | 0.59710 (04073024) 3.48252 (04111124)
0.05976 (04080624) 0.12767 (04082024) 0.91761 (04110824)
 4411000.0 | 0.56434 (04111124) 0.24291 (04111024)
0.02726 (04042124) 0.10210 (04082024) 0.49089 (04110824)
 4410500.0 | 0.18348 (04072624) 0.05456 (04081624)
0.02751 (04042124) 0.14648 (04082024) 0.18807 (04110824)
 4410000.0 | 0.10037 (04072624) 0.03023 (04020124)
0.02766 (04042124) 0.11007 (04082024) 0.09663 (04090524)

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
                                 *** 10/27/11
                                ***
                                *** 09:13:12

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 **MODELOPTs: RegDFAULT CONC DDEP

ELEV

DRYDPLT

WETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ESER *** INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	535500.00	536000.00	536500.00
537000.00	537500.00		
4425000.0	2.70451 (04042424)	2.63434c(04120424)	0.62748c(04120424)
1.83492c(04011224)	0.63103 (04012124)		
4424500.0	1.28081 (04042424)	2.32078c(04120424)	0.62598c(04011224)
2.44586c(04011224)	3.73386 (04122624)		
4424000.0	3.08009 (04042424)	2.46263c(04120424)	1.13859c(04011224)
3.21243c(04011224)	4.65157 (04122624)		
4423500.0	4.78985 (04042424)	2.37193c(04120424)	1.77558c(04011224)
3.77488c(04011224)	6.17126 (04122624)		
4423000.0	4.14353 (04042424)	1.99692c(04120424)	2.74034c(04011224)
5.20654 (04122624)	5.96780 (04122624)		
4422500.0	4.26131c(04120424)	1.97240c(04120424)	

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4.46340c(04011224)      7.53454 (04122624)      3.49152 (04122624)
 4422000.0 |       4.73728c(04120424)      1.54388c(04120424)
6.19638c(04011224)      2.33560 (04122624)      3.36942 (04010224)
 4421500.0 |       5.52131c(04120424)      2.68926c(04011224)
3.23232 (04012124)      4.76499 (04122624)      2.22511 (04010224)
 4421000.0 |       6.33490c(04120424)      5.53355c(04011224)
11.45400 (04122624)      5.48217 (04010224)      1.00025 (04010224)
 4420500.0 |       8.80727c(04120424)      8.36477 (04122624)
10.51020 (04122624)      3.40261 (04010224)      2.30239c(04011224)
 4420000.0 |       0.82864 (04112824)     14.62022 (04122624)
7.66512 (04122624)      2.81089c(04011224)      9.03283c(04011224)
 4419500.0 |       0.67345 (04012024)     20.12601 (04122624)
4.64056 (04010224)     11.47734c(04011224)     13.65364c(04011224)
 4419000.0 |       5.16445 (04011424)     14.70426 (04122624)
15.51288c(04011224)     15.32617c(04011224)      7.22035c(04011224)
 4418500.0 |      36.63675 (04122624)     25.85857c(04011224)
17.85287c(04011224)     16.28711c(04122024)      9.04217c(04100124)
 4418000.0 |      74.73018c(04011224)     36.90081c(04122024)
15.93362c(04122024)     14.92611c(04122024)      2.53481c(04122024)
 4417500.0 |     114.51489 (04122124)     40.23823c(04122024)
12.21905c(04122024)      7.94536 (04022024)      1.08347 (04022024)
 4417000.0 |      71.56772 (04052524)     11.05282c(04072824)
6.55547 (04050624)      1.63400 (04082924)      0.46813 (04022024)
 4416500.0 |      26.72517 (04052524)     16.71141 (04122124)
5.93127c(04072824)      0.83074 (04022124)      0.22810 (04010524)
 4416000.0 |      16.14948 (04110824)     20.01754 (04052524)
13.15677 (04122124)      0.33933 (04102424)      0.08267 (04022124)
 4415500.0 |      11.04448 (04110824)     17.61504 (04052524)
4.53988 (04122124)      0.93799 (04122124)      0.21120 (04112224)
 4415000.0 |       9.68326 (04110824)      8.09043 (04052424)
8.52919 (04052524)      5.04107 (04122124)      3.87155 (04122124)
 4414500.0 |       8.47405 (04110824)      5.93179 (04052424)
```

11.56748 (04052524) 1.48469 (04022524) 4.67043 (04122124)
 4414000.0 | 7.56526 (04110824) 3.48479 (04052424)
6.72147 (04052524) 0.24901 (04022224) 0.23486 (04112224)
 4413500.0 | 6.88309 (04110824) 1.62375 (04052424)
3.97391 (04052424) 0.98190 (04052524) 0.06821 (04112224)
 4413000.0 | 6.43396 (04110824) 0.04692c(04122724)
3.88120 (04052424) 1.57208 (04052524) 0.85723 (04052524)
 4412500.0 | 5.69739 (04110824) 1.25411 (04110824)
2.72048 (04052424) 4.65496 (04052524) 5.05151 (04052524)
 4412000.0 | 5.04545 (04110824) 0.50755 (04110824)
1.77784 (04052424) 2.71060 (04052424) 5.15426 (04052524)
 4411500.0 | 5.16368 (04110824) 0.64381 (04110824)
1.07871 (04052424) 2.45677 (04052424) 4.22560 (04052524)
 4411000.0 | 0.09379 (04090524) 0.33180 (04110824)
0.03143 (04032924) 2.20114 (04052424) 2.81293 (04052524)
 4410500.0 | 0.18861 (04101024) 0.43239 (04110824)
0.04140 (04043024) 1.75580 (04052424) 1.83680 (04052424)
 4410000.0 | 0.12568 (04052024) 0.33464 (04110824)
0.07262 (04043024) 1.20921 (04052424) 1.41940 (04052424)

**MODELOPTs: RegDFAULT CONC DDEP
 ELEV

DRYDPLT

 WETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ESER ***

INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	538000.00	538500.00	539000.00
539500.00	540000.00		
4425000.0	3.32206 (04122624)	3.47182 (04122624)	1.97099 (04010224)
0.18528 (04010224)	0.02037 (04050824)		
4424500.0	0.88972 (04122624)	2.07094 (04010224)	0.35648 (04010224)
0.03379 (04050824)	0.01147 (04010224)		
4424000.0	0.58915 (04122624)	0.46539 (04122624)	0.08144 (04122624)
0.01720 (04010224)	0.00665 (04021924)		
4423500.0	0.44992 (04122624)	0.12645 (04122624)	0.02566 (04010224)
0.01019 (04010224)	0.00987c(04011224)		
4423000.0	0.29970 (04122624)	0.04731 (04122624)	0.01620 (04010224)
0.01039 (04020624)	0.04947 (04012724)		
4422500.0	0.36135 (04122624)	0.02865 (04010224)	0.01384 (04020624)
0.11594 (04012724)	0.56283 (04012824)		
4422000.0	0.23009 (04010224)	0.08965 (04050824)	0.24954 (04012724)
1.45472c(04011224)	3.03733c(04011224)		
4421500.0	0.27449 (04050824)	1.31670c(04011224)	4.60986c(04011224)
6.48774c(04011224)	5.93819c(04011224)		
4421000.0	1.86488c(04011224)	4.89659c(04011224)	

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5.76147c(04011224)      5.91751c(04011224)      2.22002 (04122124)
 4420500.0 |       7.03740c(04011224)      9.23963c(04011224)
2.58989c(04011224)      2.32015 (04122124)      0.71178 (04011124)
 4420000.0 |      10.24617c(04011224)      7.19668c(04011224)
1.38869 (04011124)      0.40586 (04011124)      0.30641 (04120124)
 4419500.0 |       1.33148 (04011124)      0.91546 (04011124)
0.42421 (04120124)      0.21156 (04010424)      0.27361 (04120124)
 4419000.0 |       0.59239 (04011124)      0.34283 (04020824)
0.33770 (04020824)      0.25653 (04020824)      0.19678 (04020824)
 4418500.0 |       1.00757 (04120124)      0.54055 (04120124)
0.34542 (04050624)      0.13479 (04020824)      0.08879 (04060124)
 4418000.0 |       1.10918 (04022024)      0.22383 (04022024)
0.26469 (04122524)      0.11828 (04122524)      0.10601 (04122524)
 4417500.0 |       0.65180 (04022024)      0.24462 (04022024)
0.48446 (04022024)      0.20887 (04022024)      0.18491 (04022024)
 4417000.0 |       0.47554 (04022024)      0.23833 (04022024)
0.24033 (04022024)      0.23980 (04022024)      0.23874 (04022024)
 4416500.0 |       0.18747 (04111524)      0.16528 (04111524)
0.06879 (04021324)      0.07058 (04022024)      0.08926 (04022024)
 4416000.0 |       0.14509 (04022124)      0.14829 (04010524)
0.07965 (04111524)      0.07887 (04111524)      0.07035 (04111524)
 4415500.0 |       0.02718 (04022124)      0.03623 (04111524)
0.05510 (04122924)      0.10217 (04111524)      0.12490 (04111524)
 4415000.0 |       0.25972 (04102424)      0.02152 (04112224)
0.01595 (04122924)      0.02977 (04122924)      0.05341 (04111524)
 4414500.0 |       2.84324 (04122124)      0.11547 (04112224)
0.02037 (04112224)      0.00772 (04122924)      0.01610 (04122924)
 4414000.0 |       1.63929 (04122124)      1.33713 (04122124)
0.13890 (04102424)      0.02087 (04112224)      0.00394 (04100224)
 4413500.0 |       0.51746 (04042724)      1.16339 (04122124)
0.78242 (04122124)      0.14406 (04102424)      0.02108 (04112224)
 4413000.0 |       0.11504 (04112224)      0.30893 (04113024)
```

1.49550 (04122124) 1.13497 (04122124) 0.39381c(04072824)
 4412500.0 | 0.32205 (04053124) 0.55594 (04022524)
2.02365 (04122124) 2.43931 (04122124) 1.81526 (04122124)
 4412000.0 | 1.92765 (04052524) 0.33620 (04053124)
1.15797 (04022524) 2.02546c(04072824) 2.23911 (04122124)
 4411500.0 | 3.17168 (04052524) 0.60559 (04052524)
0.39778 (04022524) 1.06187 (04022524) 2.10613c(04072824)
 4411000.0 | 3.78638 (04052524) 1.36664 (04052524)
0.27599 (04053124) 0.57446 (04022524) 1.26857 (04022524)
 4410500.0 | 3.67612 (04052524) 2.24502 (04052524)
0.47527 (04052524) 0.22144 (04022524) 0.65944 (04022524)
 4410000.0 | 3.54580 (04052524) 3.43669 (04052524)
1.01651 (04052524) 0.23140 (04053124) 0.31637 (04022524)
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
*** 09:13:12

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**MODELOPTs: RegDFAULT CONC DDEP
ELEV

DRYDPLT

WETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10 IN

MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	540500.00	541000.00	541500.00	542000.00	542500.00
4425000.0	0.00757 (04010224)	0.00543c(04121924)	0.00964c(04011224)	0.01739c(04011224)	0.04104 (04020624)
4424500.0	0.00544 (04123124)	0.00987c(04011224)	0.01829c(04011224)	0.05274 (04020624)	0.09938 (04012824)
4424000.0	0.01004c(04011224)	0.02415 (04020624)	0.08572 (04012724)	0.15276 (04012824)	0.25606 (04012824)
4423500.0	0.03070 (04020624)	0.16284 (04012724)	0.28942 (04012824)	0.33550 (04012824)	0.31288 (04011124)
4423000.0	0.28787 (04012824)	0.58632 (04012824)	0.58538 (04012824)	0.81040 (04011124)	0.81662 (04011124)
4422500.0	1.11069 (04012824)	0.94550 (04011124)	1.09017 (04011124)	0.90274 (04011124)	0.41611 (04011124)
4422000.0	2.95184c(04011224)	1.57556 (04011124)	1.14663 (04011124)	0.37575 (04011124)	0.12097 (04011124)
4421500.0	3.55399 (04122124)	0.91734 (04011124)	0.31870 (04011124)	0.09122 (04011124)	0.06733 (04010424)
4421000.0	0.79672 (04011124)	0.28324 (04011124)	0.08015 (04010424)	0.09278 (04010424)	0.06283 (04010424)
4420500.0	0.19661 (04011124)	0.12937 (04010424)	0.12488 (04010424)	0.08024 (04010424)	0.08235 (04010424)
4420000.0	0.19081 (04010424)	0.16257 (04010424)	0.14561 (04010424)	0.08712 (04010424)	0.07780 (04010424)
4419500.0	0.21298 (04020824)	0.13982 (04020824)			

0.07743 (04010424) 0.08360 (04010424) 0.06234 (04010424)
 4419000.0 | 0.13725 (04020824) 0.08788 (04060124)
0.05868 (04060124) 0.03361 (04060124) 0.02211 (04060124)
 4418500.0 | 0.05862 (04060124) 0.04423 (04102024)
0.04186 (04122924) 0.02754 (04102024) 0.02908 (04102024)
 4418000.0 | 0.10350 (04122524) 0.10058 (04122524)
0.05050 (04122524) 0.04979 (04122524) 0.04904 (04122524)
 4417500.0 | 0.16648 (04022024) 0.14949 (04022024)
0.13409 (04022024) 0.12027 (04022024) 0.10796 (04022024)
 4417000.0 | 0.23620 (04022024) 0.23205 (04022024)
0.22627 (04022024) 0.21903 (04022024) 0.21065 (04022024)
 4416500.0 | 0.10642 (04022024) 0.12168 (04022024)
0.13499 (04022024) 0.14630 (04022024) 0.15567 (04022024)
 4416000.0 | 0.06074 (04081124) 0.08671 (04111524)
0.06269 (04081124) 0.05432 (04081124) 0.03541 (04022024)
 4415500.0 | 0.13318 (04111524) 0.12907 (04111524)
0.11529 (04111524) 0.05056 (04111524) 0.04133 (04081124)
 4415000.0 | 0.09188 (04022124) 0.12406 (04010524)
0.11315 (04111524) 0.06053 (04010524) 0.05786 (04111524)
 4414500.0 | 0.02721 (04122924) 0.04645 (04022124)
0.04836 (04122924) 0.05522 (04010524) 0.06882 (04010524)
 4414000.0 | 0.00893 (04122924) 0.01596 (04122924)
0.02458 (04122924) 0.03400 (04111524) 0.05048 (04111524)
 4413500.0 | 0.00410 (04040324) 0.00471 (04122924)
0.00945 (04122924) 0.01557 (04122924) 0.02265 (04122924)
 4413000.0 | 0.02451c(04072824) 0.00431 (04040324)
0.00249 (04122924) 0.00545 (04122924) 0.00981 (04122924)
 4412500.0 | 0.08581 (04102424) 0.01601 (04112224)
0.00480 (04112224) 0.00202 (04103024) 0.00311 (04122924)
 4412000.0 | 0.64644 (04122124) 0.19008c(04072824)
0.07272c(04072824) 0.00485 (04112224) 0.00168 (04040324)
 4411500.0 | 0.91699 (04122124) 0.19536 (04122124)

0.63287c(04072824) 0.02652c(04072824) 0.00547 (04112224)
 4411000.0 | 1.90428c(04072824) 2.19842 (04122124)
1.18014c(04072824) 0.25265c(04072824) 0.07402c(04072824)
 4410500.0 | 1.16253 (04122124) 1.58569 (04122124)
1.96963 (04122124) 0.91129c(04072824) 0.57917c(04072824)
 4410000.0 | 0.68232 (04022524) 1.14552 (04122124)
1.44928 (04122124) 1.77847 (04122124) 0.96441c(04072824)
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/27/11
 ***
 *** 09:13:12

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 **MODELOPTs: RegDFAULT CONC DDEP
  ELEV
  DRYDPLT
  WETDPLT

 *** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ESER ***
 INCLUDING SOURCE(S): AREA ,

 *** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD
(METERS)
  (METERS) | 543000.00
 -

```
 4425000.0 |      0.07569 (04020624)
 4424500.0 |      0.16282 (04012824)
 4424000.0 |      0.29272 (04011124)
 4423500.0 |      0.54338 (04011124)
 4423000.0 |      0.30698 (04011124)
 4422500.0 |      0.37093 (04011124)
 4422000.0 |      0.06026 (04011124)
 4421500.0 |      0.04702 (04010424)
 4421000.0 |      0.06911 (04010424)
 4420500.0 |      0.08034 (04010424)
 4420000.0 |      0.06664 (04010424)
 4419500.0 |      0.04385 (04060124)
 4419000.0 |      0.01832 (04120524)
 4418500.0 |      0.02610 (04102024)
 4418000.0 |      0.04825 (04122524)
 4417500.0 |      0.09702 (04022024)
 4417000.0 |      0.20132 (04022024)
 4416500.0 |      0.16318 (04022024)
 4416000.0 |      0.04526 (04022024)
 4415500.0 |      0.03739 (04081124)
 4415000.0 |      0.05213 (04111524)
 4414500.0 |      0.05344 (04111524)
 4414000.0 |      0.06636 (04111524)
 4413500.0 |      0.02986 (04122924)
 4413000.0 |      0.01517 (04122924)
 4412500.0 |      0.00608 (04122924)
 4412000.0 |      0.00202 (04103024)
 4411500.0 |      0.00217 (04040324)
 4411000.0 |      0.01049 (04032124)
 4410500.0 |      0.14909c(04072824)
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4410000.0 | 0.51294c(04072824)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/27/11
                                  ***
                                  ***   09:13:12

                                              PAGE 42
 **MODELOPTs: RegDFAULT CONC   DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ESER   ***
                                  INCLUDING SOURCE(S):   AREA   ,

                                       *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        537268.00   4419321.00   14.89926c (04011224)
533288.00   4420664.00   4.62131c (04120424)
        530873.00   4418253.00   5.07430 (04012624)
532253.00   4419045.00   1.07999 (04012424)
        534268.00   4421987.00   3.04668 (04040624)
536366.00   4419557.00   8.54122 (04122624)

534987.00 4418091.00 125.29671 (04012724)
530614.00 4415312.00 5.21448 (04020424)
538946.00 4413223.00 1.66691 (04122124)
541693.00 4411996.00 0.01816c (04072824)
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 09:13:12

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE 1ST HIGHEST 8-HR DRY
DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

** DEPO OF PM10 IN
GRAMS/M**2 **

Y-COORD | X-COORD
(METERS)
(METERS) | 528000.00 528500.00
529000.00 529500.00 530000.00
- - - -

```
 4425000.0 |      0.00003 (04012224)      0.00004 (04011816)
0.00005 (04011816)      0.00005 (04011816)      0.00004 (04020316)
 4424500.0 |      0.00002 (04011816)      0.00003 (04012224)
0.00005 (04011816)      0.00005 (04011816)      0.00005 (04011816)
 4424000.0 |      0.00001 (04110116)      0.00002 (04011816)
0.00004 (04012224)      0.00005 (04011816)      0.00006 (04011816)
 4423500.0 |      0.00001 (04110116)      0.00001 (04110116)
0.00003 (04012224)      0.00005 (04012224)      0.00006 (04011816)
 4423000.0 |      0.00001 (04110116)      0.00001 (04110116)
0.00001 (04110116)      0.00003 (04012224)      0.00006 (04012224)
 4422500.0 |      0.00001 (04091916)      0.00001 (04110116)
0.00001 (04110116)      0.00002 (04110116)      0.00004 (04012224)
 4422000.0 |      0.00001 (04070108)      0.00001 (04091916)
0.00001 (04110116)      0.00001 (04110116)      0.00002 (04110116)
 4421500.0 |      0.00003 (04012508)      0.00002 (04012508)
0.00001 (04070108)      0.00001 (04091916)      0.00001 (04110116)
 4421000.0 |      0.00013 (04012424)      0.00007 (04012424)
0.00004 (04012508)      0.00002 (04012508)      0.00001 (04070108)
 4420500.0 |      0.00021 (04031008)      0.00022 (04031008)
0.00018 (04012424)      0.00010 (04012424)      0.00006 (04012508)
 4420000.0 |      0.00012 (04012508)      0.00023 (04031008)
0.00029 (04031008)      0.00030 (04031008)      0.00024 (04012424)
 4419500.0 |      0.00004 (04010916)      0.00011 (04112308)
0.00015 (04012508)      0.00021 (04031008)      0.00033 (04031008)
 4419000.0 |      0.00003 (04010916)      0.00004 (04112308)
0.00006 (04112308)      0.00009 (04012508)      0.00013 (04012508)
 4418500.0 |      0.00005 (04012616)      0.00010 (04012608)
0.00010 (04012608)      0.00009 (04012608)      0.00010 (04012608)
 4418000.0 |      0.00013 (04112908)      0.00023 (04012608)
0.00025 (04012608)      0.00025 (04012608)      0.00027 (04012608)
 4417500.0 |      0.00026 (04110608)      0.00033 (04110608)
0.00034 (04110608)      0.00034 (04012608)      0.00034 (04012608)
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 4417000.0 | 0.00013 (04012408)   0.00017 (04110608)
0.00021 (04110608)   0.00021 (04042008)   0.00020 (04012608)
 4416500.0 | 0.00007 (04012324)   0.00007 (04012324)
0.00008 (04012324)   0.00011 (04041308)   0.00019 (04123108)
 4416000.0 | 0.00007 (04030816)   0.00008 (04030816)
0.00010 (04022408)   0.00013 (04010924)   0.00020 (04011024)
 4415500.0 | 0.00011 (04022408)   0.00012 (04011916)
0.00016 (04010924)   0.00018 (04010924)   0.00040 (04020408)
 4415000.0 | 0.00012 (04011916)   0.00014 (04010924)
0.00014 (04010924)   0.00012 (04010924)   0.00016 (04020408)
 4414500.0 | 0.00009 (04010924)   0.00009 (04011016)
0.00008 (04011016)   0.00006 (04011016)   0.00009 (04102208)
 4414000.0 | 0.00007 (04011016)   0.00005 (04011016)
0.00006 (04100424)   0.00009 (04100424)   0.00020 (04102208)
 4413500.0 | 0.00004 (04100424)   0.00007 (04100424)
0.00010 (04100424)   0.00015 (04100508)   0.00034 (04121008)
 4413000.0 | 0.00007 (04100424)   0.00011 (04100424)
0.00014 (04100508)   0.00019 (04013124)   0.00034 (04031208)
 4412500.0 | 0.00010 (04100424)   0.00013 (04100508)
0.00019 (04013124)   0.00028 (04102508)   0.00017 (04102508)
 4412000.0 | 0.00013 (04013124)   0.00014 (04013124)
0.00016 (04090624)   0.00023 (04102508)   0.00013 (04090624)
 4411500.0 | 0.00016 (04013124)   0.00014 (04090624)
0.00013 (04090624)   0.00011 (04090624)   0.00007 (04090624)
 4411000.0 | 0.00015 (04090624)   0.00012 (04090624)
0.00010 (04090624)   0.00006 (04090624)   0.00003 (04090624)
 4410500.0 | 0.00012 (04042524)   0.00009 (04090624)
0.00005 (04090624)   0.00002 (04090624)   0.00001 (04040316)
 4410000.0 | 0.00008 (04090624)   0.00005 (04090624)
0.00002 (04090624)   0.00001 (04040316)   0.00001 (04072216)

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE 1ST HIGHEST 8-HR DRY
DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

** DEPO OF PM10 IN
GRAMS/M**2 **

Y-COORD (METERS)	X-COORD (METERS)		
	530500.00	531000.00	531500.00	532000.00	532500.00
4425000.0	0.00003 (04020316)	0.00002 (04020316)	0.00003 (04020216)	0.00006 (04020216)	0.00007 (04020516)
4424500.0	0.00004 (04020316)	0.00003 (04020316)	0.00003 (04012716)	0.00005 (04020216)	0.00007 (04020516)
4424000.0	0.00005 (04020316)	0.00004 (04020316)	0.00003 (04020316)	0.00004 (04020216)	0.00007 (04020216)

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 4423500.0 |      0.00006 (04011816)      0.00005 (04020316)
0.00004 (04020316)      0.00003 (04012716)      0.00006 (04020216)
 4423000.0 |      0.00007 (04011816)      0.00007 (04011816)
0.00006 (04020316)      0.00004 (04020316)      0.00005 (04020216)
 4422500.0 |      0.00007 (04012224)      0.00007 (04011816)
0.00007 (04011816)      0.00005 (04020316)      0.00004 (04012716)
 4422000.0 |      0.00004 (04012224)      0.00008 (04012224)
0.00008 (04011816)      0.00007 (04011816)      0.00005 (04020316)
 4421500.0 |      0.00002 (04110116)      0.00005 (04012224)
0.00008 (04111808)      0.00009 (04011816)      0.00008 (04020316)
 4421000.0 |      0.00001 (04110116)      0.00002 (04110116)
0.00008 (04040824)      0.00012 (04012224)      0.00014c(04120408)
 4420500.0 |      0.00003 (04012508)      0.00002 (04070108)
0.00002 (04012224)      0.00008 (04012224)      0.00015 (04012224)
 4420000.0 |      0.00014 (04012424)      0.00008 (04012508)
0.00005 (04012508)      0.00002 (04012224)      0.00017 (04042408)
 4419500.0 |      0.00039 (04031008)      0.00029 (04031008)
0.00024 (04012424)      0.00016 (04012424)      0.00010 (04012508)
 4419000.0 |      0.00019 (04012508)      0.00029 (04031008)
0.00045 (04031008)      0.00030 (04012508)      0.00037 (04012508)
 4418500.0 |      0.00009 (04012608)      0.00013 (04012508)
0.00010 (04070108)      0.00015 (04070108)      0.00023 (04070108)
 4418000.0 |      0.00031 (04012608)      0.00040 (04012608)
0.00026 (04012324)      0.00027 (04012324)      0.00028 (04012216)
 4417500.0 |      0.00039 (04012608)      0.00031 (04012324)
0.00043 (04012324)      0.00039 (04012324)      0.00042 (04012324)
 4417000.0 |      0.00022 (04012608)      0.00027 (04012324)
0.00027 (04012324)      0.00032 (04012324)      0.00031 (04012324)
 4416500.0 |      0.00026 (04123108)      0.00016 (04010924)
0.00022 (04081624)      0.00025 (04081624)      0.00027 (04052816)
 4416000.0 |      0.00043 (04123108)      0.00027 (04010924)
0.00022 (04081624)      0.00020 (04081624)      0.00029 (04070516)
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 4415500.0 |      0.00040 (04020408)      0.00014 (04010924)
0.00014 (04042716)      0.00027 (04070516)      0.00044 (04070516)
 4415000.0 |      0.00018 (04020408)      0.00015 (04100424)
0.00029 (04090624)      0.00043 (04090624)      0.00047 (04090624)
 4414500.0 |      0.00025 (04102408)      0.00024 (04013124)
0.00040 (04090624)      0.00041 (04090624)      0.00032 (04090624)
 4414000.0 |      0.00033 (04121008)      0.00032 (04090624)
0.00038 (04090624)      0.00025 (04090624)      0.00009 (04090624)
 4413500.0 |      0.00022 (04090624)      0.00031 (04090624)
0.00023 (04090624)      0.00008 (04090624)      0.00006 (04072216)
 4413000.0 |      0.00024 (04090624)      0.00019 (04090624)
0.00008 (04090624)      0.00003 (04072216)      0.00009 (04070524)
 4412500.0 |      0.00016 (04090624)      0.00008 (04090624)
0.00002 (04072116)      0.00005 (04072216)      0.00016 (04070908)
 4412000.0 |      0.00007 (04090624)      0.00002 (04090624)
0.00003 (04072216)      0.00008 (04070524)      0.00021 (04070908)
 4411500.0 |      0.00002 (04090624)      0.00002 (04072216)
0.00004 (04070524)      0.00012 (04070908)      0.00022 (04090724)
 4411000.0 |      0.00001 (04072216)      0.00002 (04072216)
0.00006 (04070524)      0.00016 (04070908)      0.00021 (04090724)
 4410500.0 |      0.00002 (04072216)      0.00004 (04070524)
0.00009 (04070908)      0.00016 (04090724)      0.00021 (04090724)
 4410000.0 |      0.00002 (04072216)      0.00005 (04070524)
0.00012 (04070908)      0.00017 (04090724)      0.00018 (04090724)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***       09:13:12

                                              PAGE  45
 **MODELOPTs:  RegDFAULT CONC                DDEP
  ELEV
```

DRYDPLT
WETDPLT

*** THE 1ST HIGHEST 8-HR DRY DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

** DEPO OF PM10 IN GRAMS/M**2 **

Y-COORD (METERS)	X-COORD (METERS)		
	533000.00	533500.00	534000.00
	534500.00	535000.00	
4425000.0	0.00013 (04022708)	0.00007 (04022708)	0.00004 (04040616)
	0.00010 (04041416)	0.00021 (04120308)	
4424500.0	0.00012 (04022708)	0.00012 (04022708)	0.00005 (04020516)
	0.00011 (04041416)	0.00023 (04120308)	
4424000.0	0.00010 (04022708)	0.00017 (04022708)	0.00006 (04020516)
	0.00012 (04041416)	0.00051 (04021908)	
4423500.0	0.00009 (04020516)	0.00022 (04022708)	0.00008 (04022708)
	0.00013 (04041416)	0.00037 (04021908)	
4423000.0	0.00008 (04020216)	0.00024 (04022708)	0.00012 (04022708)
	0.00014 (04041416)	0.00042 (04021908)	
4422500.0	0.00008 (04012924)	0.00025 (04022708)	0.00021 (04022708)
	0.00015 (04041416)	0.00051 (04021908)	

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 4422000.0 |      0.00007 (04020216)      0.00072 (04011824)
0.00057 (04040608)      0.00017 (04041416)      0.00058 (04021908)
 4421500.0 |      0.00005 (04020316)      0.00052 (04011824)
0.00062 (04040608)      0.00018 (04041416)      0.00066 (04021908)
 4421000.0 |      0.00031c(04120408)      0.00026 (04011824)
0.00082 (04011824)      0.00034 (04040608)      0.00061 (04041416)
 4420500.0 |      0.00078c(04120408)      0.00024c(04120408)
0.00087 (04011824)      0.00074 (04040608)      0.00085 (04041416)
 4420000.0 |      0.00044 (04042408)      0.00073c(04120408)
0.00055 (04011824)      0.00080 (04022708)      0.00111 (04041416)
 4419500.0 |      0.00016 (04040824)      0.00027 (04012224)
0.00085c(04120408)      0.00089 (04022708)      0.00183 (04041416)
 4419000.0 |      0.00015 (04070108)      0.00015 (04012224)
0.00041 (04012224)      0.00061 (04020216)      0.00283 (04041416)
 4418500.0 |      0.00032 (04070108)      0.00038 (04070108)
0.00038 (04070108)      0.00076 (04012224)      0.00490 (04041416)
 4418000.0 |      0.00031 (04012216)      0.00040 (04012216)
0.00075 (04012216)      0.00186 (04012324)      0.03161 (04041416)
 4417500.0 |      0.00048 (04012324)      0.00066 (04012324)
0.00092 (04012324)      0.00219 (04070516)      0.01499 (04070816)
 4417000.0 |      0.00034 (04012324)      0.00054 (04052816)
0.00129 (04070516)      0.00250 (04070516)      0.00822 (04070816)
 4416500.0 |      0.00036 (04052816)      0.00077 (04070516)
0.00147 (04070516)      0.00179 (04090624)      0.00419 (04070816)
 4416000.0 |      0.00059 (04070516)      0.00098 (04090624)
0.00112 (04090624)      0.00151 (04111208)      0.00199 (04070816)
 4415500.0 |      0.00063 (04090624)      0.00067 (04090624)
0.00053 (04070908)      0.00133 (04111208)      0.00091 (04070816)
 4415000.0 |      0.00044 (04090624)      0.00025 (04070524)
0.00069 (04090724)      0.00094 (04070816)      0.00059 (04090524)
 4414500.0 |      0.00015 (04090624)      0.00034 (04070908)
0.00065 (04090724)      0.00067 (04070816)      0.00045 (04090524)
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 4414000.0 | 0.00012 (04070524)   0.00042 (04070908)
0.00054 (04090724)   0.00043 (04070816)   0.00036 (04090524)
 4413500.0 | 0.00020 (04070908)   0.00044 (04090724)
0.00044 (04073024)   0.00026 (04070816)   0.00029 (04090524)
 4413000.0 | 0.00029 (04070908)   0.00041 (04090724)
0.00039 (04073024)   0.00023 (04090524)   0.00030 (04090524)
 4412500.0 | 0.00030 (04090724)   0.00030 (04073024)
0.00026 (04073024)   0.00022 (04090524)   0.00031 (04090524)
 4412000.0 | 0.00028 (04090724)   0.00025 (04073024)
0.00018 (04111024)   0.00019 (04090524)   0.00023 (04090524)
 4411500.0 | 0.00024 (04090724)   0.00021 (04111024)
0.00013 (04073024)   0.00022 (04090524)   0.00024 (04090524)
 4411000.0 | 0.00020 (04073024)   0.00020 (04073024)
0.00010 (04070816)   0.00021 (04090524)   0.00022 (04090524)
 4410500.0 | 0.00021 (04073024)   0.00017 (04073024)
0.00007 (04070816)   0.00020 (04090524)   0.00021 (04090524)
 4410000.0 | 0.00021 (04073024)   0.00012 (04073024)
0.00007 (04090524)   0.00019 (04090524)   0.00020 (04090524)

 **MODELOPTs: RegDFAULT CONC   DDEP
  ELEV
                                                                      DRYDPLT
  WETDPLT

                                *** THE   1ST HIGHEST 8-HR   DRY
DEPOSITION   VALUES FOR SOURCE GROUP: ESER   ***
                                    INCLUDING SOURCE(S):   AREA   ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

** DEPO OF PM10 IN GRAMS/M**2 **

Y-COORD (METERS)	X-COORD (METERS)		
	535500.00	536000.00	536500.00
4425000.0	0.00019 (04042408)	0.00014 (04110724)	0.00008 (04021308)
4424500.0	0.00017 (04041416)	0.00012 (04110724)	0.00009 (04021308)
4424000.0	0.00022 (04042408)	0.00015 (04110724)	0.00011 (04021308)
4423500.0	0.00032 (04042408)	0.00013 (04110724)	0.00014 (04021308)
4423000.0	0.00023 (04041416)	0.00013 (04021308)	0.00019 (04122124)
4422500.0	0.00027 (04041416)	0.00016 (04021308)	0.00029 (04122124)
4422000.0	0.00033 (04041416)	0.00022 (04021308)	0.00050 (04012108)
4421500.0	0.00039 (04041416)	0.00031 (04021308)	0.00055 (04021308)
4421000.0	0.00048 (04041416)	0.00040 (04122124)	0.00067 (04121824)

Y-COORD (METERS)	X-COORD (METERS)		
	537000.00	537500.00	
4425000.0	0.00012 (04122124)	0.00019 (04021308)	
4424500.0	0.00016 (04122124)	0.00025 (04012108)	
4424000.0	0.00021 (04122124)	0.00025 (04121824)	
4423500.0	0.00026 (04012108)	0.00034 (04012108)	
4423000.0	0.00034 (04121824)	0.00034 (04010224)	
4422500.0	0.00047 (04012108)	0.00031 (04021308)	
4422000.0	0.00046 (04021308)	0.00029 (04021308)	
4421500.0	0.00046 (04021308)	0.00025 (04021308)	
4421000.0	0.00034 (04010224)	0.00022 (04021308)	

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 4420500.0 |      0.00059 (04041416)      0.00067 (04012108)
0.00066 (04010224)      0.00034 (04021308)      0.00020 (04021308)
 4420000.0 |      0.00084 (04041416)      0.00108 (04121824)
0.00056 (04021308)      0.00034 (04021308)      0.00049 (04011124)
 4419500.0 |      0.00124 (04021308)      0.00141 (04121824)
0.00062 (04021308)      0.00070 (04011124)      0.00066 (04011124)
 4419000.0 |      0.00282 (04021308)      0.00134 (04021308)
0.00102 (04011124)      0.00090 (04011124)      0.00054 (04012908)
 4418500.0 |      0.00379 (04021308)      0.00155 (04011124)
0.00119 (04011124)      0.00082c(04122008)      0.00069c(04100108)
 4418000.0 |      0.00650 (04021308)      0.00216c(04122008)
0.00123 (04051216)      0.00081c(04100108)      0.00057 (04041424)
 4417500.0 |      0.01084 (04021308)      0.00255 (04051416)
0.00126 (04021016)      0.00088 (04022008)      0.00055 (04021016)
 4417000.0 |      0.01483 (04022216)      0.00207 (04021016)
0.00105 (04021016)      0.00070 (04021016)      0.00053 (04021016)
 4416500.0 |      0.00297 (04041608)      0.00191 (04051516)
0.00061 (04051516)      0.00040 (04012316)      0.00043 (04012316)
 4416000.0 |      0.00112 (04090924)      0.00165 (04052508)
0.00081c(04072808)      0.00038 (04051524)      0.00013 (04021024)
 4415500.0 |      0.00068 (04090524)      0.00146 (04052508)
0.00047 (04041608)      0.00068 (04112208)      0.00025 (04051524)
 4415000.0 |      0.00049 (04090524)      0.00061 (04052424)
0.00051 (04052508)      0.00039 (04112208)      0.00038 (04051524)
 4414500.0 |      0.00041 (04110824)      0.00041 (04052424)
0.00069 (04052508)      0.00027 (04041608)      0.00034 (04112208)
 4414000.0 |      0.00036 (04110824)      0.00027 (04090924)
0.00051 (04052508)      0.00042 (04041608)      0.00027 (04112208)
 4413500.0 |      0.00032 (04110824)      0.00020 (04090924)
0.00038 (04090924)      0.00043 (04041608)      0.00020 (04041608)
 4413000.0 |      0.00028 (04110824)      0.00014 (04063024)
0.00023 (04052424)      0.00037 (04041608)      0.00024 (04041608)
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 4412500.0 | 0.00023 (04110824)   0.00011 (04090924)
0.00017 (04052424)   0.00025 (04052508)   0.00029 (04052508)
 4412000.0 | 0.00021 (04110824)   0.00006 (04063024)
0.00013 (04090924)   0.00017 (04052424)   0.00028 (04052508)
 4411500.0 | 0.00024 (04110824)   0.00006 (04032924)
0.00011 (04090924)   0.00015 (04052424)   0.00025 (04052508)
 4411000.0 | 0.00014 (04032924)   0.00006 (04032924)
0.00009 (04063024)   0.00013 (04052424)   0.00016 (04052508)
 4410500.0 | 0.00011 (04032924)   0.00006 (04032924)
0.00006 (04063024)   0.00009 (04090924)   0.00011 (04052424)
 4410000.0 | 0.00011 (04032924)   0.00006 (04032924)
0.00005 (04063024)   0.00008 (04090924)   0.00014 (04090924)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/27/11
                                   ***
                                   ***   09:13:12

                                               PAGE 47
 **MODELOPTs: RegDFAULT CONC   DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

                                *** THE   1ST HIGHEST 8-HR   DRY
DEPOSITION   VALUES FOR SOURCE GROUP: ESER   ***
                                  INCLUDING SOURCE(S):   AREA   ,

                                   *** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

                                        ** DEPO OF PM10   IN
GRAMS/M**2   **

Y-COORD (METERS)	X-COORD (METERS)		
	538000.00	538500.00	539000.00
	539500.00	540000.00	
4425000.0	0.00028 (04012108)	0.00020 (04010224)	0.00012 (04010224)
	0.00008 (04021308)	0.00004 (04021308)	
4424500.0	0.00024 (04021308)	0.00017 (04021308)	0.00011 (04021308)
	0.00006 (04021308)	0.00002 (04021308)	
4424000.0	0.00027 (04021308)	0.00017 (04021308)	0.00009 (04021308)
	0.00004 (04021308)	0.00001 (04052416)	
4423500.0	0.00028 (04021308)	0.00016 (04021308)	0.00006 (04021308)
	0.00002 (04021308)	0.00002 (04050716)	
4423000.0	0.00025 (04021308)	0.00011 (04021308)	0.00004 (04021308)
	0.00002 (04050716)	0.00004 (04050716)	
4422500.0	0.00019 (04021308)	0.00008 (04021308)	0.00003 (04050716)
	0.00005 (04050716)	0.00010 (04020608)	
4422000.0	0.00015 (04021308)	0.00006 (04021308)	0.00006 (04050716)
	0.00014 (04012724)	0.00021 (04011124)	
4421500.0	0.00013 (04021308)	0.00009 (04012724)	0.00024 (04010408)
	0.00035 (04011124)	0.00034 (04122108)	
4421000.0	0.00013 (04021308)	0.00032 (04010408)	0.00040 (04011124)
	0.00036 (04011124)	0.00021 (04020808)	
4420500.0	0.00034 (04011124)	0.00053 (04011124)	0.00032 (04020808)
	0.00023 (04020808)	0.00015 (04010508)	
4420000.0	0.00065 (04011124)	0.00046 (04122108)	0.00026 (04020808)
	0.00015 (04012224)	0.00011 (04021008)	
4419500.0	0.00055 (04020808)	0.00029 (04020808)	0.00018 (04021008)
	0.00022 (04021008)	0.00023 (04021008)	

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 4419000.0 |      0.00033 (04021008)      0.00036 (04021008)
0.00035 (04021008)      0.00032 (04021008)      0.00026 (04021008)
 4418500.0 |      0.00049 (04021008)      0.00041 (04021008)
0.00030 (04021008)      0.00026 (04041424)      0.00020 (04041424)
 4418000.0 |      0.00042 (04041424)      0.00032 (04041424)
0.00022 (04041424)      0.00016 (04032608)      0.00013 (04032608)
 4417500.0 |      0.00046 (04032608)      0.00037 (04021016)
0.00032 (04032608)      0.00027 (04032608)      0.00021 (04032608)
 4417000.0 |      0.00036 (04021016)      0.00028 (04021016)
0.00022 (04021016)      0.00019 (04021016)      0.00016 (04021016)
 4416500.0 |      0.00034 (04012316)      0.00025 (04012316)
0.00017 (04012316)      0.00011 (04012316)      0.00007 (04021016)
 4416000.0 |      0.00019 (04012316)      0.00022 (04012316)
0.00022 (04012316)      0.00019 (04012316)      0.00015 (04012316)
 4415500.0 |      0.00008 (04051516)      0.00007 (04021024)
0.00010 (04012316)      0.00014 (04012316)      0.00015 (04012316)
 4415000.0 |      0.00018 (04042316)      0.00006 (04051516)
0.00003 (04021024)      0.00005 (04021024)      0.00008 (04021024)
 4414500.0 |      0.00027 (04051524)      0.00014 (04042316)
0.00005 (04051516)      0.00002 (04051516)      0.00002 (04021024)
 4414000.0 |      0.00033 (04112208)      0.00021 (04051524)
0.00011 (04042316)      0.00005 (04051516)      0.00002 (04051516)
 4413500.0 |      0.00024 (04112208)      0.00026 (04112208)
0.00017 (04051524)      0.00010 (04042316)      0.00004 (04042316)
 4413000.0 |      0.00011 (04112208)      0.00024 (04112208)
0.00020 (04112208)      0.00013 (04042316)      0.00008 (04042316)
 4412500.0 |      0.00013 (04041608)      0.00012 (04112208)
0.00015 (04112208)      0.00014 (04112208)      0.00011 (04042316)
 4412000.0 |      0.00012 (04041608)      0.00008 (04041608)
0.00011 (04112208)      0.00016c(04072808)      0.00011 (04112208)
 4411500.0 |      0.00017 (04052508)      0.00009 (04041608)
0.00007 (04112208)      0.00008 (04112208)      0.00015c(04072808)
```

 4411000.0 | 0.00022 (04052508)   0.00009 (04041608)
0.00006 (04041608)   0.00006 (04112208)   0.00010 (04112208)
 4410500.0 | 0.00020 (04052508)   0.00012 (04052508)
0.00007 (04041608)   0.00005 (04041608)   0.00005 (04112208)
 4410000.0 | 0.00021 (04052508)   0.00020 (04052508)
0.00007 (04041608)   0.00005 (04041608)   0.00004 (04112208)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/27/11
                                  ***
                                  ***   09:13:12

                                             PAGE 48
 **MODELOPTs: RegDFAULT CONC   DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

                              *** THE   1ST HIGHEST 8-HR   DRY
DEPOSITION   VALUES FOR SOURCE GROUP: ESER   ***
                                  INCLUDING SOURCE(S):   AREA   ,

                                   *** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

                                        ** DEPO OF PM10   IN
GRAMS/M**2   **

  Y-COORD | X-COORD
(METERS)
  (METERS) | 540500.00   541000.00
541500.00   542000.00   542500.00
 -

- -

```
 4425000.0 |      0.00001 (04021308)      0.00001 (04052416)
0.00002 (04050716)      0.00003 (04050716)      0.00004 (04020608)
 4424500.0 |      0.00001 (04052416)      0.00002 (04050716)
0.00003 (04050716)      0.00006 (04020608)      0.00009 (04020608)
 4424000.0 |      0.00002 (04050716)      0.00004 (04050716)
0.00007 (04020608)      0.00010 (04020608)      0.00011 (04020808)
 4423500.0 |      0.00004 (04050716)      0.00008 (04020608)
0.00012 (04020608)      0.00014 (04020808)      0.00016 (04020808)
 4423000.0 |      0.00009 (04020608)      0.00013 (04020608)
0.00015 (04020808)      0.00016 (04020808)      0.00014 (04020808)
 4422500.0 |      0.00014 (04020608)      0.00017 (04020808)
0.00017 (04020808)      0.00014 (04020808)      0.00011 (04010508)
 4422000.0 |      0.00020 (04011124)      0.00018 (04020808)
0.00013 (04020808)      0.00011 (04010508)      0.00007 (04012224)
 4421500.0 |      0.00025 (04122108)      0.00014 (04020808)
0.00010 (04010508)      0.00007 (04012224)      0.00004 (04012224)
 4421000.0 |      0.00015 (04010508)      0.00010 (04012224)
0.00006 (04012224)      0.00005 (04051216)      0.00006 (04051216)
 4420500.0 |      0.00009 (04012224)      0.00007 (04021008)
0.00009 (04021008)      0.00009 (04051216)      0.00009 (04052516)
 4420000.0 |      0.00014 (04021008)      0.00017 (04021008)
0.00015 (04021008)      0.00012 (04052516)      0.00011 (04021008)
 4419500.0 |      0.00023 (04021008)      0.00021 (04021008)
0.00015 (04041424)      0.00015 (04041424)      0.00014 (04041424)
 4419000.0 |      0.00021 (04041424)      0.00018 (04041424)
0.00015 (04041424)      0.00011 (04041424)      0.00008 (04041424)
 4418500.0 |      0.00015 (04041424)      0.00011 (04041424)
0.00007 (04041424)      0.00004 (04021616)      0.00004 (04071416)
 4418000.0 |      0.00012 (04032608)      0.00010 (04021016)
0.00010 (04021016)      0.00009 (04021016)      0.00008 (04021016)
```

```
 4417500.0 |      0.00018 (04021016)      0.00016 (04021016)
0.00014 (04021016)      0.00012 (04021016)      0.00011 (04021016)
 4417000.0 |      0.00014 (04021016)      0.00013 (04021016)
0.00011 (04021016)      0.00010 (04021016)      0.00009 (04032608)
 4416500.0 |      0.00006 (04021016)      0.00006 (04021016)
0.00005 (04021016)      0.00005 (04021016)      0.00005 (04021016)
 4416000.0 |      0.00011 (04012316)      0.00007 (04012316)
0.00005 (04021316)      0.00004 (04011624)      0.00003 (04021316)
 4415500.0 |      0.00014 (04012316)      0.00011 (04012316)
0.00010 (04012316)      0.00008 (04012316)      0.00006 (04012316)
 4415000.0 |      0.00009 (04021024)      0.00009 (04012316)
0.00010 (04012316)      0.00010 (04012316)      0.00009 (04012316)
 4414500.0 |      0.00004 (04021024)      0.00005 (04010724)
0.00007 (04021024)      0.00007 (04012316)      0.00008 (04012316)
 4414000.0 |      0.00001 (04081216)      0.00002 (04021024)
0.00003 (04021024)      0.00004 (04021024)      0.00005 (04021024)
 4413500.0 |      0.00002 (04051516)      0.00001 (04061416)
0.00001 (04081216)      0.00002 (04021024)      0.00002 (04021024)
 4413000.0 |      0.00004 (04042316)      0.00002 (04051516)
0.00001 (04103016)      0.00001 (04081216)      0.00001 (04081216)
 4412500.0 |      0.00008 (04042316)      0.00004 (04042316)
0.00001 (04051516)      0.00001 (04051516)      0.00001 (04103016)
 4412000.0 |      0.00010 (04042316)      0.00007 (04042316)
0.00004 (04042316)      0.00001 (04042316)      0.00001 (04051516)
 4411500.0 |      0.00010 (04042316)      0.00009 (04042316)
0.00006 (04042316)      0.00003 (04042316)      0.00001 (04042316)
 4411000.0 |      0.00013c(04072808)      0.00009 (04042316)
0.00008 (04042316)      0.00006 (04042316)      0.00003 (04042316)
 4410500.0 |      0.00006 (04042316)      0.00008 (04042316)
0.00009 (04042316)      0.00007 (04042316)      0.00005 (04042316)
 4410000.0 |      0.00005 (04112208)      0.00006 (04042316)
0.00009c(04072808)      0.00008 (04042316)      0.00007 (04042316)
```

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 09:13:12

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE 1ST HIGHEST 8-HR DRY
DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

** DEPO OF PM10 IN
GRAMS/M**2 **

Y-COORD (METERS)	X-COORD (METERS)
	543000.00
4425000.0	0.00008 (04020608)
4424500.0	0.00010 (04020608)
4424000.0	0.00014 (04020808)
4423500.0	0.00014 (04020808)
4423000.0	0.00011 (04010508)

```
4422500.0 |      0.00006 (04012224)
4422000.0 |      0.00004 (04012224)
4421500.0 |      0.00004 (04051216)
4421000.0 |      0.00007 (04051216)
4420500.0 |      0.00009 (04022016)
4420000.0 |      0.00011 (04041424)
4419500.0 |      0.00012 (04041424)
4419000.0 |      0.00006 (04041424)
4418500.0 |      0.00003 (04071216)
4418000.0 |      0.00007 (04021016)
4417500.0 |      0.00010 (04032608)
4417000.0 |      0.00008 (04021016)
4416500.0 |      0.00005 (04021016)
4416000.0 |      0.00002 (04081216)
4415500.0 |      0.00005 (04021316)
4415000.0 |      0.00008 (04012316)
4414500.0 |      0.00008 (04012316)
4414000.0 |      0.00006 (04021024)
4413500.0 |      0.00003 (04021024)
4413000.0 |      0.00001 (04021024)
4412500.0 |      0.00001 (04081216)
4412000.0 |      0.00000 (04103016)
4411500.0 |      0.00001 (04051516)
4411000.0 |      0.00002 (04042316)
4410500.0 |      0.00003 (04042316)
4410000.0 |      0.00005 (04042316)
```

**MODELOPTs: RegDFAULT CONC DDEP ELEV

DRYDPLT WETDPLT

*** THE 1ST HIGHEST 8-HR DRY DEPOSITION VALUES FOR SOURCE GROUP: ESER *** INCLUDING SOURCE(S): AREA ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** DEPO OF PM10 IN GRAMS/M**2 **

X-COORD (M)	Y-COORD (M)	DEPO	(YYMMDDHH)
537268.00	4419321.00	0.00074	(04011124)
533288.00	4420664.00	0.00031c	(04120408)
530873.00	4418253.00	0.00020	(04012608)
532253.00	4419045.00	0.00036	(04012508)
534268.00	4421987.00	0.00018	(04040608)
536366.00	4419557.00	0.00070	(04021308)
534987.00	4418091.00	0.01870	(04041416)
530614.00	4415312.00	0.00035	(04020408)
538946.00	4413223.00	0.00019	(04112208)
541693.00	4411996.00	0.00003	(04042316)

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE 1ST HIGHEST 24-HR DRY
DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

** DEPO OF PM10 IN
GRAMS/M**2 **

Y-COORD (METERS)	X-COORD (METERS)		
	528000.00	528500.00	529000.00
	529500.00	530000.00	
4425000.0	0.00003 (04012224)	0.00004 (04011824)	0.00005 (04011824)
	0.00006 (04013024)	0.00004 (04013024)	
4424500.0	0.00002 (04011824)	0.00003 (04012224)	0.00005 (04011824)
	0.00005 (04013024)	0.00006 (04013024)	
4424000.0	0.00001c(04110124)	0.00002 (04011824)	0.00004 (04012224)
	0.00005 (04011824)	0.00007 (04013024)	
4423500.0	0.00001c(04110124)	0.00001c(04110124)	

```
0.00003 (04012224)      0.00005 (04012224)      0.00006 (04011824)
 4423000.0 |       0.00001c(04110124)      0.00001c(04110124)
0.00001c(04110124)      0.00003 (04012224)      0.00006 (04012224)
 4422500.0 |       0.00001 (04091924)       0.00001c(04110124)
0.00001c(04110124)      0.00002c(04110124)      0.00004 (04012224)
 4422000.0 |       0.00001 (04070124)       0.00001 (04091924)
0.00001c(04110124)      0.00001c(04110124)      0.00002c(04110124)
 4421500.0 |       0.00004 (04012524)       0.00002 (04012524)
0.00001 (04070124)      0.00001 (04091924)      0.00001c(04110124)
 4421000.0 |       0.00013 (04012424)       0.00007 (04012524)
0.00005 (04012524)      0.00003 (04012524)      0.00001 (04070124)
 4420500.0 |       0.00021 (04031024)       0.00022 (04031024)
0.00018 (04012424)      0.00010 (04012424)      0.00007 (04012524)
 4420000.0 |       0.00012 (04012524)       0.00023 (04031024)
0.00029 (04031024)      0.00030 (04031024)      0.00024 (04012424)
 4419500.0 |       0.00005 (04010924)       0.00011 (04112324)
0.00015 (04012524)      0.00021 (04031024)      0.00033 (04031024)
 4419000.0 |       0.00003 (04010924)       0.00004 (04010924)
0.00006 (04112324)      0.00009 (04012524)      0.00014 (04012524)
 4418500.0 |       0.00014 (04012624)       0.00023 (04012624)
0.00022 (04012624)      0.00021 (04012624)      0.00022 (04012624)
 4418000.0 |       0.00025 (04012624)       0.00048 (04012624)
0.00051 (04012624)      0.00050 (04012624)      0.00054 (04012624)
 4417500.0 |       0.00043 (04012624)       0.00056 (04012624)
0.00061 (04012624)      0.00063 (04012624)      0.00064 (04012624)
 4417000.0 |       0.00019 (04012624)       0.00030 (04012624)
0.00035 (04012624)      0.00037 (04012624)      0.00037 (04012624)
 4416500.0 |       0.00009 (04012324)       0.00010 (04012324)
0.00011 (04012324)      0.00018 (04041324)      0.00029 (04041324)
 4416000.0 |       0.00011 (04011024)       0.00014 (04010924)
0.00020 (04010924)      0.00027 (04010924)      0.00039 (04011024)
 4415500.0 |       0.00020 (04010924)       0.00019 (04011924)
```

0.00030 (04010924) 0.00033 (04010924) 0.00057 (04020424)
 4415000.0 | 0.00021 (04010924) 0.00024 (04010924)
0.00023 (04010924) 0.00020 (04010924) 0.00024 (04030824)
 4414500.0 | 0.00015 (04010924) 0.00011 (04081624)
0.00010 (04081624) 0.00009 (04081624) 0.00015 (04070524)
 4414000.0 | 0.00008 (04081624) 0.00006 (04081624)
0.00010 (04070524) 0.00017 (04070524) 0.00029 (04013124)
 4413500.0 | 0.00006 (04070524) 0.00011 (04070524)
0.00018 (04070524) 0.00026 (04100524) 0.00054 (04111324)
 4413000.0 | 0.00012 (04070524) 0.00019 (04070524)
0.00025 (04070524) 0.00030 (04100524) 0.00049 (04111324)
 4412500.0 | 0.00019 (04070524) 0.00023 (04100524)
0.00026 (04100524) 0.00038 (04092724) 0.00023 (04090624)
 4412000.0 | 0.00021 (04070524) 0.00021 (04090624)
0.00023 (04090624) 0.00027 (04102524) 0.00017 (04090624)
 4411500.0 | 0.00021 (04090624) 0.00019 (04090624)
0.00017 (04090624) 0.00014 (04090624) 0.00008 (04090624)
 4411000.0 | 0.00020 (04090624) 0.00015 (04090624)
0.00013 (04090624) 0.00008 (04090624) 0.00003 (04090624)
 4410500.0 | 0.00015c(04042524) 0.00011 (04090624)
0.00007 (04090624) 0.00003 (04090624) 0.00001 (04072124)
 4410000.0 | 0.00010 (04090624) 0.00006 (04090624)
0.00003 (04090624) 0.00001 (04050224) 0.00001 (04070424)

**MODELOPTs: RegDFAULT CONC DDEP
 ELEV

DRYDPLT

WETDPLT

*** THE 1ST HIGHEST 24-HR DRY DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

** DEPO OF PM10 IN GRAMS/M**2 **

Y-COORD (METERS)	X-COORD (METERS)		
	530500.00	531000.00	531500.00	532000.00	532500.00
4425000.0	0.00003 (04020324)	0.00002 (04020324)	0.00003c(04020224)	0.00006c(04020224)	0.00007 (04020524)
4424500.0	0.00004 (04020324)	0.00003 (04020324)	0.00003 (04012724)	0.00005c(04020224)	0.00007 (04020524)
4424000.0	0.00006 (04013024)	0.00004 (04020324)	0.00003 (04020324)	0.00004c(04020224)	0.00007c(04020224)
4423500.0	0.00007 (04013024)	0.00006 (04013024)	0.00004 (04020324)	0.00003 (04012724)	0.00006c(04020224)
4423000.0	0.00007 (04011824)	0.00008 (04013024)	0.00006 (04013024)	0.00004 (04020324)	0.00005c(04020224)
4422500.0	0.00007 (04012224)	0.00007 (04011824)	0.00010 (04013024)	0.00006 (04020324)	0.00004 (04012724)
4422000.0	0.00004 (04012224)	0.00008 (04012224)			

```
0.00010 (04013024)      0.00011 (04013024)      0.00005 (04020324)
 4421500.0 |       0.00002c(04110124)      0.00005 (04012224)
0.00008 (04111824)      0.00012 (04013024)      0.00011 (04013024)
 4421000.0 |       0.00001c(04110124)      0.00002c(04110124)
0.00008 (04040824)      0.00012 (04012224)      0.00019 (04013024)
 4420500.0 |       0.00003 (04012524)      0.00002 (04070124)
0.00002 (04012224)      0.00008 (04012224)      0.00015 (04012224)
 4420000.0 |       0.00015 (04012524)      0.00009 (04012524)
0.00005 (04012524)      0.00002 (04012224)      0.00017 (04042424)
 4419500.0 |       0.00039 (04031024)      0.00029 (04031024)
0.00024 (04012424)      0.00017 (04012524)      0.00011 (04012524)
 4419000.0 |       0.00020 (04012524)      0.00029 (04031024)
0.00045 (04031024)      0.00033 (04012524)      0.00041 (04012524)
 4418500.0 |       0.00021 (04012624)      0.00020 (04012624)
0.00011 (04010924)      0.00015 (04070124)      0.00027 (04012524)
 4418000.0 |       0.00060 (04012624)      0.00078 (04012624)
0.00045 (04012324)      0.00047 (04012324)      0.00048 (04012324)
 4417500.0 |       0.00073 (04012624)      0.00052 (04012324)
0.00070 (04012324)      0.00065 (04012324)      0.00067 (04012324)
 4417000.0 |       0.00040 (04012624)      0.00040 (04012324)
0.00039 (04012324)      0.00045 (04012324)      0.00045 (04012324)
 4416500.0 |       0.00035 (04011024)      0.00033 (04010924)
0.00032 (04081624)      0.00041 (04081624)      0.00047 (04081624)
 4416000.0 |       0.00056 (04020424)      0.00049 (04010924)
0.00034 (04081624)      0.00035 (04081624)      0.00062 (04070524)
 4415500.0 |       0.00055 (04020424)      0.00023 (04010924)
0.00030 (04070524)      0.00060 (04070524)      0.00091 (04070524)
 4415000.0 |       0.00028 (04020424)      0.00029 (04070524)
0.00054 (04070524)      0.00076 (04070524)      0.00077 (04070524)
 4414500.0 |       0.00033 (04092924)      0.00043 (04070524)
0.00062 (04090624)      0.00062 (04090624)      0.00047 (04090624)
 4414000.0 |       0.00055 (04111324)      0.00047 (04090624)
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0.00052 (04090624) 0.00035 (04090624) 0.00015 (04090624)
 4413500.0 | 0.00037 (04013124) 0.00041 (04090624)
0.00031 (04090624) 0.00012 (04090624) 0.00009 (04070924)
 4413000.0 | 0.00032 (04090624) 0.00025 (04090624)
0.00011 (04090624) 0.00006 (04072124) 0.00020 (04101324)
 4412500.0 | 0.00021 (04090624) 0.00010 (04090624)
0.00004 (04072124) 0.00009 (04101324) 0.00033 (04101324)
 4412000.0 | 0.00009 (04090624) 0.00003 (04072124)
0.00004 (04070424) 0.00015 (04101324) 0.00042 (04101324)
 4411500.0 | 0.00003 (04072124) 0.00002 (04070424)
0.00007 (04101324) 0.00025 (04101324) 0.00043 (04101324)
 4411000.0 | 0.00001 (04070724) 0.00003 (04101324)
0.00013 (04101324) 0.00031 (04101324) 0.00039 (04101324)
 4410500.0 | 0.00002 (04070424) 0.00006 (04101324)
0.00019 (04101324) 0.00032 (04101324) 0.00039 (04101324)
 4410000.0 | 0.00003 (04101324) 0.00011 (04101324)
0.00023 (04101324) 0.00033 (04101324) 0.00033 (04070824)

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/27/11
 ***
 *** 09:13:12

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 **MODELOPTs: RegDFAULT CONC DDEP
  ELEV
  DRYDPLT
  WETDPLT

 *** THE 1ST HIGHEST 24-HR DRY
DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
 INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

** DEPO OF PM10 IN GRAMS/M**2 **

Y-COORD (METERS)	X-COORD (METERS)		
	533000.00	533500.00	534000.00	534500.00	535000.00
4425000.0	0.00013 (04022724)	0.00007 (04022724)	0.00004 (04040624)	0.00013 (04112724)	0.00024 (04012024)
4424500.0	0.00012 (04022724)	0.00012 (04022724)	0.00005 (04020524)	0.00013 (04112724)	0.00027 (04012024)
4424000.0	0.00010 (04022724)	0.00017 (04022724)	0.00006 (04022724)	0.00014 (04041424)	0.00054 (04021924)
4423500.0	0.00009 (04020524)	0.00022 (04022724)	0.00009 (04022724)	0.00015 (04041424)	0.00040 (04021924)
4423000.0	0.00009c(04020224)	0.00024 (04022724)	0.00013 (04022724)	0.00016 (04041424)	0.00046 (04021924)
4422500.0	0.00010c(04020224)	0.00025 (04022724)	0.00021 (04022724)	0.00017 (04041424)	0.00055 (04021924)
4422000.0	0.00008c(04020224)	0.00084 (04012724)	0.00069 (04040624)	0.00019 (04041424)	0.00062 (04021924)
4421500.0	0.00005 (04020324)	0.00060 (04011824)	0.00076 (04012724)	0.00029 (04040624)	0.00072 (04021924)
4421000.0	0.00032c(04120424)	0.00033 (04011824)	0.00101 (04012724)	0.00054 (04040624)	0.00074 (04041424)
4420500.0	0.00079c(04120424)	0.00028 (04020324)			

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0.00099 (04012724)      0.00100 (04040624)      0.00102 (04041424)
 4420000.0 |       0.00044 (04042424)      0.00074c(04120424)
0.00067 (04011824)      0.00082 (04022724)      0.00131 (04041424)
 4419500.0 |       0.00016 (04040824)      0.00027 (04012224)
0.00088c(04120424)      0.00090 (04022724)      0.00207 (04041424)
 4419000.0 |       0.00018 (04012524)      0.00015 (04012224)
0.00050 (04013024)      0.00061c(04020224)      0.00317 (04041424)
 4418500.0 |       0.00032 (04012524)      0.00038 (04070124)
0.00038 (04070124)      0.00121 (04013024)      0.00573 (04040624)
 4418000.0 |       0.00050 (04012324)      0.00068 (04012324)
0.00127 (04012324)      0.00312 (04012324)      0.05792 (04070824)
 4417500.0 |       0.00075 (04012324)      0.00101 (04012324)
0.00145 (04012324)      0.00414 (04070524)      0.03383 (04070824)
 4417000.0 |       0.00051 (04081624)      0.00079 (04052824)
0.00258 (04070524)      0.00500 (04070524)      0.01848 (04070824)
 4416500.0 |       0.00061 (04070524)      0.00153 (04070524)
0.00292 (04070524)      0.00430 (04070524)      0.00775 (04070824)
 4416000.0 |       0.00123 (04070524)      0.00177 (04070524)
0.00190 (04070524)      0.00282 (04070824)      0.00346 (04070824)
 4415500.0 |       0.00112 (04070524)      0.00105 (04090624)
0.00126 (04070924)      0.00236 (04111124)      0.00160 (04070824)
 4415000.0 |       0.00066 (04090624)      0.00053 (04070924)
0.00138 (04101324)      0.00180 (04070824)      0.00095 (04090524)
 4414500.0 |       0.00024 (04072124)      0.00070 (04101324)
0.00128 (04070824)      0.00129 (04070824)      0.00068 (04090524)
 4414000.0 |       0.00026 (04101324)      0.00088 (04101324)
0.00116 (04070824)      0.00079 (04070824)      0.00052 (04090524)
 4413500.0 |       0.00043 (04101324)      0.00091 (04101324)
0.00091 (04070824)      0.00048 (04070824)      0.00041 (04110824)
 4413000.0 |       0.00060 (04101324)      0.00078 (04070824)
0.00071 (04070824)      0.00032 (04090524)      0.00041 (04110824)
 4412500.0 |       0.00060 (04101324)      0.00063 (04070824)
```

0.00047 (04070824) 0.00029 (04090524) 0.00040 (04090524)
 4412000.0 | 0.00054 (04101324) 0.00050 (04070824)
0.00032 (04070824) 0.00025 (04090524) 0.00034 (04110824)
 4411500.0 | 0.00045 (04070824) 0.00039 (04070824)
0.00023 (04070824) 0.00026 (04090524) 0.00032 (04090524)
 4411000.0 | 0.00040 (04070824) 0.00033 (04070824)
0.00017 (04070824) 0.00024 (04090524) 0.00029 (04090524)
 4410500.0 | 0.00037 (04070824) 0.00026 (04070824)
0.00012 (04070824) 0.00023 (04090524) 0.00028 (04090524)
 4410000.0 | 0.00032 (04070824) 0.00020 (04070824)
0.00009 (04090524) 0.00021 (04090524) 0.00026 (04090524)

 **MODELOPTs: RegDFAULT CONC DDEP
  ELEV
  DRYDPLT
  WETDPLT

 *** THE 1ST HIGHEST 24-HR DRY
DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
 INCLUDING SOURCE(S): AREA ,

 *** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

 ** DEPO OF PM10 IN
GRAMS/M**2 **

Y-COORD (METERS)	X-COORD (METERS)		
	535500.00	536000.00	536500.00	537000.00	537500.00
4425000.0	0.00023 (04120224)	0.00015 (04110724)	0.00011 (04021524)	0.00020 (04021524)	0.00029 (04021524)
4424500.0	0.00022 (04012024)	0.00013 (04112024)	0.00014 (04021524)	0.00025 (04021524)	0.00034 (04021524)
4424000.0	0.00029 (04120224)	0.00016 (04110724)	0.00019 (04021524)	0.00032 (04021524)	0.00039 (04122624)
4423500.0	0.00039 (04120224)	0.00016 (04112024)	0.00026 (04021524)	0.00039 (04021524)	0.00055 (04122624)
4423000.0	0.00035 (04120224)	0.00020 (04112024)	0.00035 (04021524)	0.00046 (04021524)	0.00060 (04122624)
4422500.0	0.00041 (04120224)	0.00024 (04021524)	0.00046 (04021524)	0.00066 (04122624)	0.00047 (04112424)
4422000.0	0.00047 (04120224)	0.00031 (04021524)	0.00075 (04021524)	0.00072 (04021524)	0.00040 (04021324)
4421500.0	0.00055 (04120224)	0.00048 (04021524)	0.00093 (04021524)	0.00071 (04112424)	0.00034 (04021324)
4421000.0	0.00066 (04120224)	0.00078 (04021524)	0.00101 (04122624)	0.00055 (04112424)	0.00028 (04021324)
4420500.0	0.00082 (04120224)	0.00117 (04021524)	0.00104 (04122624)	0.00049 (04021324)	0.00024 (04021324)
4420000.0	0.00115 (04112024)	0.00162 (04021524)	0.00103 (04112424)	0.00043 (04021324)	0.00060 (04012824)
4419500.0	0.00184 (04112024)	0.00226 (04021524)	0.00090 (04021324)	0.00086 (04012824)	0.00090 (04010824)
4419000.0	0.00429 (04021524)	0.00235 (04021224)			

```
0.00142 (04010824)      0.00126 (04010824)      0.00093 (04010824)
 4418500.0 |       0.00732 (04021224)      0.00290 (04010824)
0.00187 (04010824)      0.00133 (04120124)      0.00089 (04051224)
 4418000.0 |       0.01192 (04021224)      0.00374 (04060124)
0.00216 (04051224)      0.00128 (04051224)      0.00092 (04021024)
 4417500.0 |       0.02153 (04021324)      0.00493 (04021024)
0.00261 (04021024)      0.00141 (04021024)      0.00094 (04021024)
 4417000.0 |       0.02516 (04051524)      0.00403 (04051524)
0.00171 (04021024)      0.00117 (04021024)      0.00087 (04021024)
 4416500.0 |       0.00467 (04041624)      0.00358 (04051524)
0.00133 (04051524)      0.00060 (04021024)      0.00063 (04021024)
 4416000.0 |       0.00165 (04041624)      0.00214 (04052524)
0.00144 (04051524)      0.00075 (04051524)      0.00023 (04021024)
 4415500.0 |       0.00103 (04090524)      0.00188 (04052524)
0.00091 (04021424)      0.00144 (04112224)      0.00050 (04112224)
 4415000.0 |       0.00082 (04110824)      0.00078 (04022224)
0.00068 (04052524)      0.00077 (04112224)      0.00082 (04112224)
 4414500.0 |       0.00069 (04110824)      0.00050 (04022224)
0.00084 (04052524)      0.00039 (04021424)      0.00066 (04112224)
 4414000.0 |       0.00060 (04110824)      0.00031 (04022224)
0.00068 (04052524)      0.00045 (04041624)      0.00047 (04112224)
 4413500.0 |       0.00052 (04110824)      0.00021 (04090924)
0.00044 (04112624)      0.00048c(04121424)      0.00021 (04041624)
 4413000.0 |       0.00045 (04110824)      0.00014 (04063024)
0.00026 (04112624)      0.00044c(04121424)      0.00026 (04041624)
 4412500.0 |       0.00037 (04110824)      0.00013 (04090524)
0.00019 (04112624)      0.00032 (04052524)      0.00035 (04052524)
 4412000.0 |       0.00033 (04110824)      0.00009 (04090524)
0.00014 (04112624)      0.00020 (04112624)      0.00034 (04052524)
 4411500.0 |       0.00036 (04110824)      0.00008 (04090524)
0.00011 (04090924)      0.00017 (04112624)      0.00029 (04052524)
 4411000.0 |       0.00022 (04090524)      0.00007 (04090524)
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0.00009 (04090924) 0.00013 (04112624) 0.00021 (04052524)
 4410500.0 | 0.00019 (04090524) 0.00007 (04090524)
0.00006 (04063024) 0.00011 (04112624) 0.00014 (04112624)
 4410000.0 | 0.00017 (04090524) 0.00007 (04090524)
0.00005 (04063024) 0.00009 (04090924) 0.00016 (04112624)

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/27/11
 ***
 *** 09:13:12

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 **MODELOPTs: RegDFAULT CONC DDEP
 ELEV
 DRYDPLT
 WETDPLT

 *** THE 1ST HIGHEST 24-HR DRY
DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
 INCLUDING SOURCE(S): AREA ,

 *** NETWORK ID: CALISMA ; NETWORK
TYPE: GRIDCART ***

 ** DEPO OF PM10 IN
GRAMS/M**2 **

 Y-COORD | X-COORD
(METERS)
 (METERS) | 538000.00 538500.00
539000.00 539500.00 540000.00
- - - -

```
 4425000.0 |      0.00036 (04122624)      0.00032 (04122624)
0.00016 (04021324)      0.00009 (04021324)      0.00004 (04021324)
 4424500.0 |      0.00035 (04021524)      0.00024 (04112424)
0.00014 (04021324)      0.00007 (04021324)      0.00003 (04021324)
 4424000.0 |      0.00037 (04021324)      0.00023 (04021324)
0.00011 (04021324)      0.00004 (04021324)      0.00001 (04052424)
 4423500.0 |      0.00038 (04021324)      0.00021 (04021324)
0.00008 (04021324)      0.00002 (04021324)      0.00003 (04050724)
 4423000.0 |      0.00034 (04021324)      0.00014 (04021324)
0.00004 (04021324)      0.00003 (04050724)      0.00007 (04050724)
 4422500.0 |      0.00025 (04021324)      0.00009 (04021324)
0.00004 (04050724)      0.00009 (04050724)      0.00015 (04050724)
 4422000.0 |      0.00019 (04021324)      0.00007 (04021324)
0.00010 (04050724)      0.00020 (04012824)      0.00033 (04012824)
 4421500.0 |      0.00015 (04021324)      0.00013 (04011624)
0.00031 (04012824)      0.00046 (04012824)      0.00045 (04010824)
 4421000.0 |      0.00017 (04011624)      0.00042 (04012824)
0.00053 (04012824)      0.00053 (04010824)      0.00038 (04010824)
 4420500.0 |      0.00044 (04012824)      0.00064 (04011124)
0.00051 (04010824)      0.00040 (04010824)      0.00020 (04010824)
 4420000.0 |      0.00082 (04010824)      0.00071 (04010824)
0.00036 (04010824)      0.00021 (04020824)      0.00019 (04051224)
 4419500.0 |      0.00061 (04020824)      0.00042 (04020824)
0.00031 (04020824)      0.00030 (04051224)      0.00030 (04051224)
 4419000.0 |      0.00064 (04020824)      0.00050 (04051224)
0.00045 (04051224)      0.00037 (04051224)      0.00029 (04051224)
 4418500.0 |      0.00075 (04051224)      0.00056 (04051224)
0.00039 (04051224)      0.00027 (04021024)      0.00020 (04041424)
 4418000.0 |      0.00065 (04021024)      0.00049 (04021024)
0.00035 (04021024)      0.00027 (04021024)      0.00022 (04021024)
 4417500.0 |      0.00067 (04021024)      0.00053 (04021024)
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0.00041 (04021024)      0.00034 (04021024)      0.00030 (04021024)
 4417000.0 |       0.00058 (04021024)      0.00041 (04021024)
0.00031 (04021024)      0.00025 (04021024)      0.00020 (04021024)
 4416500.0 |       0.00049 (04021024)      0.00034 (04021024)
0.00021 (04021024)      0.00015 (04021024)      0.00010 (04021024)
 4416000.0 |       0.00033 (04021024)      0.00035 (04021024)
0.00030 (04021024)      0.00024 (04021024)      0.00017 (04021024)
 4415500.0 |       0.00013 (04051524)      0.00014 (04021024)
0.00019 (04021024)      0.00022 (04021024)      0.00022 (04021024)
 4415000.0 |       0.00034 (04112224)      0.00010 (04051524)
0.00005 (04021024)      0.00009 (04021024)      0.00013 (04021024)
 4414500.0 |       0.00058 (04112224)      0.00026 (04112224)
0.00009 (04051524)      0.00002 (04051524)      0.00004 (04021024)
 4414000.0 |       0.00061 (04112224)      0.00045 (04112224)
0.00020 (04051524)      0.00008 (04051524)      0.00002 (04051524)
 4413500.0 |       0.00041 (04112224)      0.00050 (04112224)
0.00035 (04112224)      0.00016 (04051524)      0.00007 (04051524)
 4413000.0 |       0.00020 (04112224)      0.00040 (04112224)
0.00039 (04112224)      0.00026 (04112224)      0.00013 (04051524)
 4412500.0 |       0.00014 (04041624)      0.00020 (04112224)
0.00028 (04112224)      0.00029 (04112224)      0.00019 (04112224)
 4412000.0 |       0.00015c(04121424)      0.00012 (04112224)
0.00019 (04112224)      0.00025 (04112224)      0.00024 (04112224)
 4411500.0 |       0.00021 (04052524)      0.00010c(04121424)
0.00012 (04112224)      0.00016 (04112224)      0.00021 (04112224)
 4411000.0 |       0.00026 (04052524)      0.00011c(04121424)
0.00008 (04112224)      0.00011 (04112224)      0.00017 (04112224)
 4410500.0 |       0.00023 (04052524)      0.00015 (04052524)
0.00008c(04121424)      0.00008 (04112224)      0.00010 (04112224)
 4410000.0 |       0.00026 (04052524)      0.00024 (04052524)
0.00008c(04121424)      0.00006c(04121424)      0.00008 (04112224)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
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**MODELOPTs: RegDFAULT CONC DDEP ELEV DRYDPLT WETDPLT

*** THE 1ST HIGHEST 24-HR DRY DEPOSITION VALUES FOR SOURCE GROUP: ESER *** INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

** DEPO OF PM10 IN GRAMS/M**2 **

Y-COORD (METERS)	X-COORD (METERS)		
	540500.00	541000.00	541500.00	542000.00	542500.00
4425000.0	0.00001 (04021324)	0.00001 (04050724)	0.00002 (04050724)	0.00004 (04050724)	0.00007 (04050724)
4424500.0	0.00001 (04052424)	0.00003 (04050724)	0.00005 (04050724)	0.00008 (04050724)	0.00011 (04020624)
4424000.0	0.00003 (04050724)	0.00005 (04050724)			

0.00009 (04050724) 0.00012 (04010824) 0.00017 (04010824)
 4423500.0 | 0.00006 (04050724) 0.00011 (04050724)
0.00014 (04010824) 0.00019 (04010824) 0.00020 (04010824)
 4423000.0 | 0.00013 (04050724) 0.00017 (04010824)
0.00022 (04010824) 0.00022 (04010824) 0.00020 (04010824)
 4422500.0 | 0.00021 (04010824) 0.00025 (04010824)
0.00025 (04010824) 0.00021 (04010824) 0.00013 (04010824)
 4422000.0 | 0.00033 (04010824) 0.00031 (04010824)
0.00023 (04010824) 0.00012 (04010824) 0.00007 (04012224)
 4421500.0 | 0.00039 (04010824) 0.00021 (04010824)
0.00011 (04010524) 0.00007 (04012224) 0.00005 (04051224)
 4421000.0 | 0.00020 (04010824) 0.00010 (04010524)
0.00007 (04051224) 0.00009 (04051224) 0.00010 (04051224)
 4420500.0 | 0.00011 (04020824) 0.00013 (04051224)
0.00014 (04051224) 0.00014 (04051224) 0.00014 (04051224)
 4420000.0 | 0.00021 (04051224) 0.00020 (04051224)
0.00019 (04051224) 0.00017 (04051224) 0.00015 (04051224)
 4419500.0 | 0.00027 (04051224) 0.00022 (04051224)
0.00018 (04051224) 0.00015 (04041424) 0.00014 (04041424)
 4419000.0 | 0.00022 (04051224) 0.00018 (04041424)
0.00015 (04041424) 0.00011 (04041424) 0.00008 (04041424)
 4418500.0 | 0.00015 (04041424) 0.00012 (04051424)
0.00009 (04051424) 0.00007 (04051424) 0.00006 (04051424)
 4418000.0 | 0.00019 (04021024) 0.00016 (04021024)
0.00015 (04021024) 0.00013 (04021024) 0.00012 (04021024)
 4417500.0 | 0.00026 (04021024) 0.00023 (04021024)
0.00020 (04021024) 0.00018 (04021024) 0.00016 (04021024)
 4417000.0 | 0.00018 (04021024) 0.00016 (04021024)
0.00015 (04021024) 0.00014 (04021024) 0.00012 (04021024)
 4416500.0 | 0.00008 (04021024) 0.00007 (04021024)
0.00006 (04021024) 0.00006 (04021024) 0.00006 (04021024)
 4416000.0 | 0.00012 (04021024) 0.00009 (04021324)

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0.00006 (04021324)      0.00004 (04021324)      0.00003 (04062024)
 4415500.0 |       0.00019 (04021024)      0.00014 (04021024)
0.00011 (04021024)      0.00009 (04021324)      0.00007 (04021324)
 4415000.0 |       0.00015 (04021024)      0.00015 (04021024)
0.00014 (04021024)      0.00012 (04021024)      0.00010 (04021024)
 4414500.0 |       0.00007 (04021024)      0.00009 (04021024)
0.00011 (04021024)      0.00012 (04021024)      0.00011 (04021024)
 4414000.0 |       0.00002 (04021024)      0.00003 (04021024)
0.00005 (04021024)      0.00007 (04021024)      0.00008 (04021024)
 4413500.0 |       0.00002 (04051524)      0.00001 (04021024)
0.00002 (04021024)      0.00003 (04021024)      0.00004 (04021024)
 4413000.0 |       0.00006 (04051524)      0.00002 (04051524)
0.00001 (04051524)      0.00001 (04021024)      0.00001 (04021024)
 4412500.0 |       0.00011 (04051524)      0.00005 (04051524)
0.00002 (04051524)      0.00001 (04051524)      0.00001 (04103024)
 4412000.0 |       0.00017 (04112224)      0.00009 (04051524)
0.00005 (04051524)      0.00002 (04051524)      0.00001 (04051524)
 4411500.0 |       0.00022 (04112224)      0.00015 (04112224)
0.00008 (04051524)      0.00004 (04051524)      0.00002 (04051524)
 4411000.0 |       0.00019 (04112224)      0.00016 (04112224)
0.00011 (04112224)      0.00007 (04051524)      0.00004 (04051524)
 4410500.0 |       0.00012 (04112224)      0.00011 (04112224)
0.00013 (04112224)      0.00010 (04112224)      0.00006 (04051524)
 4410000.0 |       0.00010 (04112224)      0.00010 (04112224)
0.00014 (04112224)      0.00011 (04112224)      0.00008 (04051524)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/27/11
                                  ***
                                  ***        09:13:12

                                              PAGE  57
 **MODELOPTs:  RegDFAULT CONC                DDEP
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ELEV

DRYDPLT

WETDPLT

*** THE 1ST HIGHEST 24-HR DRY DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

*** NETWORK ID: CALISMA ; NETWORK TYPE: GRIDCART ***

** DEPO OF PM10 IN GRAMS/M**2 **

Y-COORD (METERS)	X-COORD (METERS) 543000.00
4425000.0	0.00009 (04020624)
4424500.0	0.00015 (04010824)
4424000.0	0.00018 (04010824)
4423500.0	0.00018 (04010824)
4423000.0	0.00013 (04010824)
4422500.0	0.00010 (04010824)
4422000.0	0.00004 (04012224)
4421500.0	0.00006 (04051224)
4421000.0	0.00011 (04051224)
4420500.0	0.00013 (04051224)
4420000.0	0.00013 (04051224)
4419500.0	0.00012 (04041424)

```
 4419000.0 |      0.00006 (04041424)
 4418500.0 |      0.00005 (04021024)
 4418000.0 |      0.00011 (04021024)
 4417500.0 |      0.00015 (04021024)
 4417000.0 |      0.00011 (04021024)
 4416500.0 |      0.00005 (04021024)
 4416000.0 |      0.00002 (04062024)
 4415500.0 |      0.00005 (04021324)
 4415000.0 |      0.00008 (04021324)
 4414500.0 |      0.00010 (04021024)
 4414000.0 |      0.00009 (04021024)
 4413500.0 |      0.00005 (04021024)
 4413000.0 |      0.00002 (04021024)
 4412500.0 |      0.00001 (04021024)
 4412000.0 |      0.00000 (04103024)
 4411500.0 |      0.00001 (04051524)
 4411000.0 |      0.00002 (04051524)
 4410500.0 |      0.00004 (04051524)
 4410000.0 |      0.00006 (04051524)
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 **MODELOPTs:  RegDFAULT CONC                DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

                              *** THE   1ST HIGHEST 24-HR     DRY
DEPOSITION      VALUES FOR SOURCE GROUP:  ESER     ***
```

X-COORD (M)	Y-COORD (M)	DEPO	(YYMMDDHH)
537268.00	4419321.00	0.00101	(04010824)
533288.00	4420664.00	0.00033c	(04120424)
530873.00	4418253.00	0.00041	(04012624)
532253.00	4419045.00	0.00039	(04012524)
534268.00	4421987.00	0.00027	(04040624)
536366.00	4419557.00	0.00115	(04112424)
534987.00	4418091.00	0.02815	(04040624)
530614.00	4415312.00	0.00047	(04020424)
538946.00	4413223.00	0.00039	(04112224)
541693.00	4411996.00	0.00004	(04051524)

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

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

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
1.	160.00408	(04012624)	AT	(535000.00, 4418000.00)	GC	41.	97.90104	(04011824)	AT	(534987.00, 4418091.00)	DC
2.	159.28227c	(04120424)	AT	(535000.00, 4418000.00)	GC	42.	97.43554	(04121324)	AT	(535000.00, 4418000.00)	GC
3.	154.51350c	(04122024)	AT	(535000.00, 4418000.00)	GC	43.	97.29512	(04030924)	AT	(535000.00, 4418000.00)	GC
4.	154.04817	(04121224)	AT	(535000.00, 4418000.00)	GC	44.	97.28064	(04022324)	AT	(535000.00, 4418000.00)	GC
5.	153.92380	(04012724)	AT	(535000.00, 4418000.00)	GC	45.	93.48895	(04020424)	AT	(535000.00, 4418000.00)	GC
6.	130.08360	(04040624)	AT	(535000.00, 4418000.00)	GC	46.	93.44295	(04010224)	AT	(535000.00, 4418000.00)	GC
7.	129.42646	(04011824)	AT	(535000.00, 4418000.00)	GC	47.	93.06365	(04102424)	AT	(535000.00, 4418000.00)	GC
8.	129.42481	(04020324)	AT	(535000.00, 4418000.00)	GC	48.	92.38914	(04012624)	AT	(534987.00, 4418091.00)	DC
9.	126.80402	(04122224)	AT	(535000.00, 4418000.00)	GC	49.	91.98833	(04050924)	AT	(535000.00, 4418000.00)	GC
10.	126.06892	(04011124)	AT	(535000.00, 4418000.00)	GC	50.	89.50746	(04120824)	AT	(535000.00, 4418000.00)	GC

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   11.     125.29671 (04012724) AT ( 534987.00, 4418091.00)  DC
51.      89.44807 (04122924) AT ( 535000.00, 4418000.00)  GC
   12.     121.06224c(04020224) AT ( 535000.00, 4418000.00)  GC
52.      88.32720 (04120624) AT ( 535000.00, 4418000.00)  GC
   13.     120.67986c(04120424) AT ( 534987.00, 4418091.00)  DC
53.      87.58041 (04111324) AT ( 535000.00, 4418000.00)  GC
   14.     119.50753 (04030224) AT ( 535000.00, 4418000.00)  GC
54.      87.38699c(04122724) AT ( 535000.00, 4418000.00)  GC
   15.     118.14865c(04011224) AT ( 535000.00, 4418000.00)  GC
55.      87.35939 (04021924) AT ( 535000.00, 4418000.00)  GC
   16.     118.05749c(04122424) AT ( 535000.00, 4418000.00)  GC
56.      87.25611 (04110724) AT ( 535000.00, 4418000.00)  GC
   17.     117.19568 (04021824) AT ( 535000.00, 4418000.00)  GC
57.      87.07703 (04110524) AT ( 535000.00, 4418000.00)  GC
   18.     114.51489 (04122124) AT ( 535500.00, 4417500.00)  GC
58.      86.83784 (04111824) AT ( 535000.00, 4418000.00)  GC
   19.     113.24201c(04010324) AT ( 535000.00, 4418000.00)  GC
59.      86.18899 (04120124) AT ( 535000.00, 4418000.00)  GC
   20.     109.72940c(04011324) AT ( 535000.00, 4418000.00)  GC
60.      85.51812 (04102124) AT ( 535000.00, 4418000.00)  GC
   21.     109.38777 (04120524) AT ( 535000.00, 4418000.00)  GC
61.      84.51338 (04110924) AT ( 535000.00, 4418000.00)  GC
   22.     108.90960c(04011224) AT ( 535500.00, 4417500.00)  GC
62.      84.38371 (04031024) AT ( 535000.00, 4418000.00)  GC
   23.     107.90138 (04122124) AT ( 535000.00, 4418000.00)  GC
63.      84.10237 (04121624) AT ( 535000.00, 4418000.00)  GC
   24.     107.19397 (04042024) AT ( 535000.00, 4418000.00)  GC
64.      83.47654 (04042124) AT ( 535000.00, 4418000.00)  GC
   25.     106.20974 (04121224) AT ( 534987.00, 4418091.00)  DC
65.      83.28788 (04103124) AT ( 535000.00, 4418000.00)  GC
   26.     105.88708 (04112524) AT ( 535000.00, 4418000.00)  GC
66.      82.03599 (04030124) AT ( 535000.00, 4418000.00)  GC
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   27.     105.86852 (04120924) AT ( 535000.00, 4418000.00)  GC
67.       81.97857 (04102824) AT ( 535000.00, 4418000.00)  GC
   28.     105.64710 (04122824) AT ( 535000.00, 4418000.00)  GC
68.       80.05999c(04110124) AT ( 535000.00, 4418000.00)  GC
   29.     105.02077 (04040624) AT ( 534987.00, 4418091.00)  DC
69.       79.93361c(04122024) AT ( 534987.00, 4418091.00)  DC
   30.     103.90495 (04103024) AT ( 535000.00, 4418000.00)  GC
70.       79.42749 (04120324) AT ( 535000.00, 4418000.00)  GC
   31.     102.69482 (04122524) AT ( 535000.00, 4418000.00)  GC
71.       79.35676 (04040824) AT ( 535000.00, 4418000.00)  GC
   32.     101.79813c(04122024) AT ( 535500.00, 4417500.00)  GC
72.       78.55410 (04010124) AT ( 535000.00, 4418000.00)  GC
   33.     101.53847 (04122624) AT ( 535000.00, 4418000.00)  GC
73.       78.42078 (04122324) AT ( 535000.00, 4418000.00)  GC
   34.     101.49836 (04041024) AT ( 535000.00, 4418000.00)  GC
74.       78.34675 (04121024) AT ( 535000.00, 4418000.00)  GC
   35.     101.31698 (04042424) AT ( 535000.00, 4418000.00)  GC
75.       78.01525c(04031924) AT ( 535000.00, 4418000.00)  GC
   36.     101.29316c(04121924) AT ( 535000.00, 4418000.00)  GC
76.       77.58379 (04102024) AT ( 535000.00, 4418000.00)  GC
   37.     101.15044 (04100924) AT ( 535000.00, 4418000.00)  GC
77.       77.10575 (04092224) AT ( 535000.00, 4418000.00)  GC
   38.      99.52297 (04123124) AT ( 535000.00, 4418000.00)  GC
78.       76.81323 (04110624) AT ( 535000.00, 4418000.00)  GC
   39.      98.56665 (04101924) AT ( 535000.00, 4418000.00)  GC
79.       76.51002 (04011424) AT ( 535000.00, 4418000.00)  GC
   40.      98.56578c(04011324) AT ( 535500.00, 4417500.00)  GC
80.       76.41453 (04021724) AT ( 535000.00, 4418000.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
                                  ***        09:13:12
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**MODELOPTs: RegDFAULT CONC DDEP ELEV DRYDPLT WETDPLT

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
81.	76.37479	(04050324)	(535000.00, 4418000.00) GC	121.	66.61290	(04122524)	(535500.00, 4417500.00) GC
82.	76.30069	(04030324)	(535000.00, 4418000.00) GC	122.	66.59975	(04092924)	(535000.00, 4418000.00) GC
83.	75.64263	(04121824)	(535000.00, 4418000.00) GC	123.	66.39067	(04042424)	(534987.00, 4418091.00) DC
84.	75.43911	(04101524)	(535000.00, 4418000.00) GC	124.	66.31266	(04040924)	(535000.00, 4418000.00) GC
85.	75.32382	(04012524)	(535000.00, 4418000.00) GC	125.	66.30118	(04032224)	(535000.00, 4418000.00) GC
86.	74.73018c	(04011224)	(535500.00, 4418000.00) GC	126.	66.13238	(04021924)	(534987.00, 4418091.00) DC
87.	74.61504c	(04102624)	(535000.00, 4418000.00) GC	127.	65.69624	(04102924)	(535000.00, 4418000.00) GC

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   88.      74.14366 (04101124) AT ( 535000.00, 4418000.00)  GC
128.      65.63667c(04042524) AT ( 535000.00, 4418000.00)  GC
   89.      73.97218 (04100824) AT ( 535500.00, 4417500.00)  GC
129.      65.60810 (04100824) AT ( 535000.00, 4418000.00)  GC
   90.      73.91366 (04031224) AT ( 535000.00, 4418000.00)  GC
130.      65.54533 (04082124) AT ( 535000.00, 4418000.00)  GC
   91.      73.54064 (04071324) AT ( 535000.00, 4418000.00)  GC
131.      65.17417 (04041124) AT ( 535000.00, 4418000.00)  GC
   92.      73.29086 (04102724) AT ( 535000.00, 4418000.00)  GC
132.      65.16341 (04040724) AT ( 535000.00, 4418000.00)  GC
   93.      73.03021 (04093024) AT ( 535000.00, 4418000.00)  GC
133.      65.09428 (04101824) AT ( 535000.00, 4418000.00)  GC
   94.      72.02038c(04020224) AT ( 534987.00, 4418091.00)  DC
134.      64.94597 (04120124) AT ( 535500.00, 4417500.00)  GC
   95.      71.61205 (04011024) AT ( 535000.00, 4418000.00)  GC
135.      64.91844 (04022524) AT ( 535500.00, 4417000.00)  GC
   96.      71.56772 (04052524) AT ( 535500.00, 4417000.00)  GC
136.      64.86183 (04031524) AT ( 535000.00, 4418000.00)  GC
   97.      71.48939 (04032124) AT ( 535000.00, 4418000.00)  GC
137.      64.65659 (04011124) AT ( 534987.00, 4418091.00)  DC
   98.      71.44356 (04101624) AT ( 535000.00, 4418000.00)  GC
138.      64.65287 (04020324) AT ( 534987.00, 4418091.00)  DC
   99.      71.14086 (04121124) AT ( 535000.00, 4418000.00)  GC
139.      64.61438 (04082224) AT ( 535000.00, 4418000.00)  GC
  100.      71.00946 (04030824) AT ( 535000.00, 4418000.00)  GC
140.      64.43823 (04092724) AT ( 535000.00, 4418000.00)  GC
  101.      70.09170 (04111124) AT ( 535000.00, 4418000.00)  GC
141.      64.42143c(04122024) AT ( 535500.00, 4418000.00)  GC
  102.      69.61374 (04111924) AT ( 535000.00, 4418000.00)  GC
142.      63.31440 (04120224) AT ( 535000.00, 4418000.00)  GC
  103.      69.46145 (04122624) AT ( 534987.00, 4418091.00)  DC
143.      63.13800 (04021624) AT ( 535000.00, 4418000.00)  GC
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  104.      69.26197 (04022524) AT ( 535000.00, 4418000.00)  GC
144.      62.68900 (04050824) AT ( 535000.00, 4418000.00)  GC
  105.      69.18983 (04051724) AT ( 535000.00, 4418000.00)  GC
145.      62.55363c(04011324) AT ( 535500.00, 4418000.00)  GC
  106.      69.13747 (04031124) AT ( 535000.00, 4418000.00)  GC
146.      62.01741 (04021124) AT ( 535500.00, 4417500.00)  GC
  107.      69.04651 (04101024) AT ( 535000.00, 4418000.00)  GC
147.      61.66543 (04032124) AT ( 535500.00, 4417500.00)  GC
  108.      68.90635 (04041224) AT ( 535000.00, 4418000.00)  GC
148.      61.54920 (04091924) AT ( 535000.00, 4418000.00)  GC
  109.      68.79769 (04123024) AT ( 535000.00, 4418000.00)  GC
149.      61.18141 (04120924) AT ( 534987.00, 4418091.00)  DC
  110.      68.77421 (04013024) AT ( 535000.00, 4418000.00)  GC
150.      60.89036 (04010624) AT ( 535000.00, 4418000.00)  GC
  111.      68.46564 (04011924) AT ( 535000.00, 4418000.00)  GC
151.      60.59303 (04050424) AT ( 535000.00, 4418000.00)  GC
  112.      68.03744 (04111524) AT ( 535000.00, 4418000.00)  GC
152.      60.40334 (04122124) AT ( 535500.00, 4418000.00)  GC
  113.      67.63041 (04122324) AT ( 535500.00, 4417500.00)  GC
153.      60.11342 (04102224) AT ( 535000.00, 4418000.00)  GC
  114.      67.55396 (04041324) AT ( 535000.00, 4418000.00)  GC
154.      60.05186c(04052124) AT ( 535000.00, 4418000.00)  GC
  115.      67.49815 (04111224) AT ( 535000.00, 4418000.00)  GC
155.      59.99976c(04010324) AT ( 534987.00, 4418091.00)  DC
  116.      67.47126 (04031624) AT ( 535000.00, 4418000.00)  GC
156.      59.94846 (04112324) AT ( 535000.00, 4418000.00)  GC
  117.      67.26717 (04092324) AT ( 535000.00, 4418000.00)  GC
157.      59.79796 (04111424) AT ( 535000.00, 4418000.00)  GC
  118.      67.19672 (04111024) AT ( 535000.00, 4418000.00)  GC
158.      59.74418 (04110824) AT ( 535000.00, 4418000.00)  GC
  119.      67.17492 (04122624) AT ( 535500.00, 4417500.00)  GC
159.      59.19187 (04121324) AT ( 534987.00, 4418091.00)  DC
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  120.   67.05535 (04100724) AT (535000.00, 4418000.00) GC
160.   59.13017 (04012124) AT (535000.00, 4418000.00) GC
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/27/11
                                   ***
                                   ***   09:13:12

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 **MODELOPTs: RegDFAULT CONC   DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

                                  *** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ESER   ***
                                    INCLUDING SOURCE(S):   AREA   ,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE
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  165.      58.69736 (04060424) AT ( 535000.00, 4418000.00)  GC
205.      53.59845 (04110224) AT ( 535000.00, 4418000.00)  GC
  166.      58.41417 (04011424) AT ( 535500.00, 4417500.00)  GC
206.      53.55826 (04011524) AT ( 535000.00, 4418000.00)  GC
  167.      58.34249 (04060924) AT ( 535000.00, 4418000.00)  GC
207.      53.26299 (04051924) AT ( 535000.00, 4418000.00)  GC
  168.      57.82897c(04011224) AT ( 534987.00, 4418091.00)  DC
208.      53.04937 (04112924) AT ( 535000.00, 4418000.00)  GC
  169.      57.75839 (04120724) AT ( 535000.00, 4418000.00)  GC
209.      52.95591 (04112724) AT ( 535000.00, 4418000.00)  GC
  170.      57.74840 (04020524) AT ( 535000.00, 4418000.00)  GC
210.      52.93981 (04012424) AT ( 535000.00, 4418000.00)  GC
  171.      57.37711 (04090824) AT ( 535000.00, 4418000.00)  GC
211.      52.84085 (04111724) AT ( 535000.00, 4418000.00)  GC
  172.      57.35922 (04091424) AT ( 535000.00, 4418000.00)  GC
212.      52.81879 (04062424) AT ( 535000.00, 4418000.00)  GC
  173.      57.21199 (04100924) AT ( 535500.00, 4417500.00)  GC
213.      52.81255 (04093024) AT ( 535500.00, 4417500.00)  GC
  174.      57.06365 (04040424) AT ( 535000.00, 4418000.00)  GC
214.      52.28944 (04042324) AT ( 535000.00, 4418000.00)  GC
  175.      56.85063 (04101424) AT ( 535000.00, 4418000.00)  GC
215.      52.24242 (04071924) AT ( 535000.00, 4418000.00)  GC
  176.      56.82347 (04112824) AT ( 535000.00, 4418000.00)  GC
216.      52.14979 (04081224) AT ( 535000.00, 4418000.00)  GC
  177.      56.61455 (04013124) AT ( 535000.00, 4418000.00)  GC
217.      51.76063 (04032024) AT ( 535000.00, 4418000.00)  GC
  178.      56.45321 (04051824) AT ( 535000.00, 4418000.00)  GC
218.      51.74120c(04100124) AT ( 535000.00, 4418000.00)  GC
  179.      56.24988 (04081324) AT ( 535000.00, 4418000.00)  GC
219.      51.56765 (04121724) AT ( 535000.00, 4418000.00)  GC
  180.      56.09806 (04092424) AT ( 535000.00, 4418000.00)  GC
220.      51.20677 (04080424) AT ( 535000.00, 4418000.00)  GC
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  181.      55.83817 (04092824) AT ( 535000.00, 4418000.00)  GC
221.      51.00018 (04040524) AT ( 535000.00, 4418000.00)  GC
  182.      55.72442 (04080524) AT ( 535000.00, 4418000.00)  GC
222.      50.83976 (04040824) AT ( 534987.00, 4418091.00)  DC
  183.      55.70846 (04020124) AT ( 535000.00, 4418000.00)  GC
223.      50.77807 (04031824) AT ( 535000.00, 4418000.00)  GC
  184.      55.58958 (04011724) AT ( 535000.00, 4418000.00)  GC
224.      50.63262 (04110324) AT ( 535000.00, 4418000.00)  GC
  185.      55.48031c(04100124) AT ( 535500.00, 4417500.00)  GC
225.      50.58377 (04060724) AT ( 535000.00, 4418000.00)  GC
  186.      55.45270 (04112524) AT ( 535500.00, 4417500.00)  GC
226.      50.42805 (04111624) AT ( 535000.00, 4418000.00)  GC
  187.      55.30615 (04101724) AT ( 535000.00, 4418000.00)  GC
227.      50.13511 (04080924) AT ( 535000.00, 4418000.00)  GC
  188.      55.21323 (04100924) AT ( 534987.00, 4418091.00)  DC
228.      49.84463 (04011424) AT ( 534987.00, 4418091.00)  DC
  189.      55.01427 (04021124) AT ( 535000.00, 4418000.00)  GC
229.      49.77770 (04010424) AT ( 535000.00, 4418000.00)  GC
  190.      55.00885c(04011324) AT ( 534987.00, 4418091.00)  DC
230.      49.59715 (04092124) AT ( 535000.00, 4418000.00)  GC
  191.      54.91120 (04041024) AT ( 534987.00, 4418091.00)  DC
231.      49.33356 (04012924) AT ( 535000.00, 4418000.00)  GC
  192.      54.62733 (04092524) AT ( 535000.00, 4418000.00)  GC
232.      49.27624 (04081424) AT ( 535000.00, 4418000.00)  GC
  193.      54.61779 (04050324) AT ( 535500.00, 4417500.00)  GC
233.      49.21782c(04121424) AT ( 535000.00, 4418000.00)  GC
  194.      54.59249 (04113024) AT ( 535000.00, 4418000.00)  GC
234.      49.09361 (04051324) AT ( 535000.00, 4418000.00)  GC
  195.      54.53141 (04083024) AT ( 535000.00, 4418000.00)  GC
235.      48.99295 (04040124) AT ( 535000.00, 4418000.00)  GC
  196.      54.52855 (04100324) AT ( 535000.00, 4418000.00)  GC
236.      48.79709 (04060524) AT ( 535000.00, 4418000.00)  GC
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  197.   54.41793 (04102324) AT (535000.00, 4418000.00) GC
237.   48.68251 (04112524) AT (534987.00, 4418091.00) DC
  198.   54.41013 (04091624) AT (535000.00, 4418000.00) GC
238.   48.58160 (04082724) AT (535000.00, 4418000.00) GC
  199.   54.33686 (04092024) AT (535000.00, 4418000.00) GC
239.   48.48347 (04061824) AT (535000.00, 4418000.00) GC
  200.   53.84763 (04050224) AT (535000.00, 4418000.00) GC
240.   48.09068 (04101024) AT (535500.00, 4417500.00) GC
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/27/11
                                  ***
                                  ***   09:13:12

                                             PAGE 62
 **MODELOPTs: RegDFAULT CONC   DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

                                *** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ESER   ***
                                    INCLUDING SOURCE(S):   AREA   ,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE
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  242.      47.72432 (04030424) AT ( 535000.00, 4418000.00)  GC
282.      41.76644 (04022024) AT ( 535500.00, 4417500.00)  GC
  243.      47.63981 (04032324) AT ( 535000.00, 4418000.00)  GC
283.      41.72092 (04020924) AT ( 535000.00, 4418000.00)  GC
  244.      47.60229 (04022424) AT ( 535000.00, 4418000.00)  GC
284.      41.70310 (04122124) AT ( 534987.00, 4418091.00)  DC
  245.      47.49403 (04081824) AT ( 535000.00, 4418000.00)  GC
285.      41.66895 (04111124) AT ( 535500.00, 4417000.00)  GC
  246.      47.33219 (04120224) AT ( 534987.00, 4418091.00)  DC
286.      41.43892 (04020624) AT ( 535000.00, 4418000.00)  GC
  247.      47.18688 (04090124) AT ( 535000.00, 4418000.00)  GC
287.      41.40806 (04120124) AT ( 535500.00, 4418000.00)  GC
  248.      47.13981c(04020724) AT ( 535000.00, 4418000.00)  GC
288.      41.39751c(04072824) AT ( 535500.00, 4417500.00)  GC
  249.      46.78850 (04110824) AT ( 535500.00, 4417000.00)  GC
289.      41.31076 (04101224) AT ( 535000.00, 4418000.00)  GC
  250.      46.56663 (04022524) AT ( 535500.00, 4417500.00)  GC
290.      41.25195 (04011124) AT ( 535500.00, 4417500.00)  GC
  251.      46.38126 (04061024) AT ( 535000.00, 4418000.00)  GC
291.      41.10451c(04041924) AT ( 535000.00, 4418000.00)  GC
  252.      46.33992 (04072924) AT ( 535000.00, 4418000.00)  GC
292.      40.98349c(04072824) AT ( 535500.00, 4417000.00)  GC
  253.      46.30134 (04080324) AT ( 535000.00, 4418000.00)  GC
293.      40.64028 (04010724) AT ( 535000.00, 4418000.00)  GC
  254.      46.29542 (04022324) AT ( 534987.00, 4418091.00)  DC
294.      40.59896 (04120224) AT ( 535500.00, 4417500.00)  GC
  255.      46.03038 (04060224) AT ( 535000.00, 4418000.00)  GC
295.      40.45274 (04091324) AT ( 535000.00, 4418000.00)  GC
  256.      45.80554 (04042024) AT ( 534987.00, 4418091.00)  DC
296.      40.37916 (04122124) AT ( 535500.00, 4417000.00)  GC
  257.      45.20792 (04072624) AT ( 535000.00, 4418000.00)  GC
297.      40.24985 (04072024) AT ( 535000.00, 4418000.00)  GC
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  258.      45.09131 (04083124) AT ( 535000.00, 4418000.00)  GC
298.      40.23823c(04122024) AT ( 536000.00, 4417500.00)  GC
  259.      44.88851 (04041724) AT ( 535000.00, 4418000.00)  GC
299.      40.16204 (04030624) AT ( 535000.00, 4418000.00)  GC
  260.      44.39440 (04012824) AT ( 535000.00, 4418000.00)  GC
300.      40.12398 (04033024) AT ( 535000.00, 4418000.00)  GC
  261.      44.35222c(04031324) AT ( 535000.00, 4418000.00)  GC
301.      40.04858 (04122524) AT ( 535500.00, 4417000.00)  GC
  262.      44.31810 (04121224) AT ( 535500.00, 4417500.00)  GC
302.      39.99504 (04010624) AT ( 535500.00, 4417500.00)  GC
  263.      44.23009c(04122424) AT ( 535500.00, 4417500.00)  GC
303.      39.85912 (04010424) AT ( 535500.00, 4417500.00)  GC
  264.      44.07177 (04121824) AT ( 535500.00, 4417500.00)  GC
304.      39.78264 (04082624) AT ( 535000.00, 4418000.00)  GC
  265.      43.96049 (04100824) AT ( 535500.00, 4418000.00)  GC
305.      39.75402 (04042624) AT ( 535000.00, 4418000.00)  GC
  266.      43.86503 (04111824) AT ( 535500.00, 4417500.00)  GC
306.      39.72094 (04010924) AT ( 535000.00, 4418000.00)  GC
  267.      43.81624 (04052024) AT ( 535000.00, 4418000.00)  GC
307.      39.69654 (04060324) AT ( 535000.00, 4418000.00)  GC
  268.      43.70075 (04041824) AT ( 535000.00, 4418000.00)  GC
308.      39.51042 (04120524) AT ( 534987.00, 4418091.00)  DC
  269.      43.26010 (04050324) AT ( 534987.00, 4418091.00)  DC
309.      39.49103 (04012124) AT ( 535500.00, 4417500.00)  GC
  270.      43.23722 (04010224) AT ( 534987.00, 4418091.00)  DC
310.      39.41203 (04092524) AT ( 535500.00, 4417500.00)  GC
  271.      42.99667 (04052324) AT ( 535000.00, 4418000.00)  GC
311.      39.39297 (04011424) AT ( 535500.00, 4418000.00)  GC
  272.      42.67448 (04052424) AT ( 535500.00, 4417000.00)  GC
312.      39.01456 (04050624) AT ( 535500.00, 4417500.00)  GC
  273.      42.62583 (04122324) AT ( 535500.00, 4418000.00)  GC
313.      38.88771 (04071324) AT ( 535500.00, 4417500.00)  GC
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  274.      42.61847 (04081124) AT ( 535000.00, 4418000.00)  GC
314.      38.64857 (04042224) AT ( 535000.00, 4418000.00)  GC
  275.      42.30159 (04061324) AT ( 535000.00, 4418000.00)  GC
315.      38.46327 (04012924) AT ( 535500.00, 4417500.00)  GC
  276.      42.15445 (04082324) AT ( 535000.00, 4418000.00)  GC
316.      38.40541 (04061124) AT ( 535000.00, 4418000.00)  GC
  277.      42.10662 (04111924) AT ( 535500.00, 4417500.00)  GC
317.      38.27832 (04112824) AT ( 534987.00, 4418091.00)  DC
  278.      42.08963 (04021924) AT ( 535500.00, 4417500.00)  GC
318.      38.24756c(04072824) AT ( 535000.00, 4418000.00)  GC
  279.      41.93502 (04051424) AT ( 535000.00, 4418000.00)  GC
319.      38.17909 (04033124) AT ( 535000.00, 4418000.00)  GC
  280.      41.92736 (04060624) AT ( 535000.00, 4418000.00)  GC
320.      38.11762 (04120324) AT ( 534987.00, 4418091.00)  DC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***        09:13:12

                                               PAGE  63
 **MODELOPTs:  RegDFAULT CONC                 DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

                                  *** THE MAXIMUM  500  24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  ESER     ***
                                      INCLUDING SOURCE(S):    AREA    ,

                                          ** CONC OF PM10     IN
MICROGRAMS/M**3                            **
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RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
321.	38.08318c	(04122424) AT	(534987.00, 4418091.00) DC	361.	35.35306	(04090724) AT	(535000.00, 4418000.00) GC
322.	38.04849	(04053024) AT	(535000.00, 4418000.00) GC	362.	35.22844c	(04100124) AT	(535500.00, 4418000.00) GC
323.	37.99453	(04042124) AT	(534987.00, 4418091.00) DC	363.	34.86337	(04032424) AT	(535000.00, 4418000.00) GC
324.	37.96226c	(04120424) AT	(535500.00, 4417500.00) GC	364.	34.85528	(04100224) AT	(535000.00, 4418000.00) GC
325.	37.93291	(04061224) AT	(535000.00, 4418000.00) GC	365.	34.69701	(04021224) AT	(535000.00, 4418000.00) GC
326.	37.83544	(04022224) AT	(535000.00, 4418000.00) GC	366.	34.63192	(04011524) AT	(534987.00, 4418091.00) DC
327.	37.60906	(04050524) AT	(535000.00, 4418000.00) GC	367.	34.47588	(04062124) AT	(535000.00, 4418000.00) GC
328.	37.55723	(04050124) AT	(535000.00, 4418000.00) GC	368.	34.32887	(04071924) AT	(534987.00, 4418091.00) DC
329.	37.52090	(04121524) AT	(535000.00, 4418000.00) GC	369.	34.27337c	(04011224) AT	(535500.00, 4418500.00) GC
330.	37.29653	(04053124) AT	(535000.00, 4418000.00) GC	370.	34.24063	(04061924) AT	(535000.00, 4418000.00) GC
331.	37.29310	(04062624) AT	(535000.00, 4418000.00) GC	371.	34.09822	(04050324) AT	(535500.00, 4418000.00) GC
332.	37.15168	(04013024) AT	(534987.00, 4418091.00) DC	372.	34.09508	(04082524) AT	(535000.00, 4418000.00) GC
333.	37.08511	(04010224) AT	(535500.00, 4418000.00) GC	373.	34.06655	(04061724) AT	(535000.00, 4418000.00) GC
334.	37.06307	(04080824) AT	(535000.00, 4418000.00) GC	374.	33.89214	(04032124) AT	(535500.00, 4418000.00) GC

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  335.      36.90081c(04122024) AT ( 536000.00, 4418000.00)  GC
375.      33.87874 (04022624) AT ( 535000.00, 4418000.00)  GC
  336.      36.87506 (04011924) AT ( 534987.00, 4418091.00)  DC
376.      33.81350 (04093024) AT ( 535500.00, 4418000.00)  GC
  337.      36.87053 (04022024) AT ( 535000.00, 4418000.00)  GC
377.      33.79893 (04101724) AT ( 535500.00, 4417500.00)  GC
  338.      36.86895 (04070224) AT ( 535000.00, 4418000.00)  GC
378.      33.78657 (04021124) AT ( 535500.00, 4418000.00)  GC
  339.      36.63675 (04122624) AT ( 535500.00, 4418500.00)  GC
379.      33.77089 (04012524) AT ( 534987.00, 4418091.00)  DC
  340.      36.60391 (04042724) AT ( 535000.00, 4418000.00)  GC
380.      33.71515 (04060824) AT ( 535000.00, 4418000.00)  GC
  341.      36.55131 (04122524) AT ( 535500.00, 4418000.00)  GC
381.      33.70910 (04121824) AT ( 535500.00, 4418000.00)  GC
  342.      36.53149 (04071124) AT ( 535000.00, 4418000.00)  GC
382.      33.61136 (04092324) AT ( 534987.00, 4418091.00)  DC
  343.      36.50586 (04012824) AT ( 535500.00, 4417500.00)  GC
383.      33.60570 (04062524) AT ( 535000.00, 4418000.00)  GC
  344.      36.49556 (04121124) AT ( 535500.00, 4417500.00)  GC
384.      33.40601 (04010824) AT ( 535500.00, 4417500.00)  GC
  345.      36.41493 (04040824) AT ( 535500.00, 4417500.00)  GC
385.      33.38388 (04012124) AT ( 534987.00, 4418091.00)  DC
  346.      36.34129 (04052224) AT ( 535000.00, 4418000.00)  GC
386.      33.18346 (04082924) AT ( 535000.00, 4418000.00)  GC
  347.      36.25411 (04052824) AT ( 535000.00, 4418000.00)  GC
387.      33.11970 (04062224) AT ( 535000.00, 4418000.00)  GC
  348.      36.21862 (04110324) AT ( 535500.00, 4417000.00)  GC
388.      33.10384 (04112124) AT ( 535000.00, 4418000.00)  GC
  349.      36.15718 (04050924) AT ( 535500.00, 4417500.00)  GC
389.      33.07687 (04030524) AT ( 535000.00, 4418000.00)  GC
  350.      36.14431 (04072724) AT ( 535000.00, 4418000.00)  GC
390.      33.06835 (04022724) AT ( 535000.00, 4418000.00)  GC
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  351.      36.09221 (04050624) AT ( 535000.00, 4418000.00)  GC
391.      33.05558 (04111724) AT ( 535500.00, 4417500.00)  GC
  352.      36.06383 (04050924) AT ( 534987.00, 4418091.00)  DC
392.      33.04987 (04111024) AT ( 535000.00, 4416500.00)  GC
  353.      35.93219 (04122924) AT ( 535500.00, 4417500.00)  GC
393.      32.84659 (04031024) AT ( 534987.00, 4418091.00)  DC
  354.      35.84121 (04021824) AT ( 534987.00, 4418091.00)  DC
394.      32.72830 (04022324) AT ( 535500.00, 4417500.00)  GC
  355.      35.69027 (04120524) AT ( 535500.00, 4417500.00)  GC
395.      32.72673 (04080624) AT ( 535000.00, 4418000.00)  GC
  356.      35.66736 (04042924) AT ( 535000.00, 4418000.00)  GC
396.      32.65058 (04030724) AT ( 535000.00, 4418000.00)  GC
  357.      35.52441c(04031924) AT ( 534987.00, 4418091.00)  DC
397.      32.53363 (04091224) AT ( 535000.00, 4418000.00)  GC
  358.      35.51907 (04043024) AT ( 535000.00, 4418000.00)  GC
398.      32.51877 (04031724) AT ( 535000.00, 4418000.00)  GC
  359.      35.46233 (04121824) AT ( 534987.00, 4418091.00)  DC
399.      32.39255 (04111824) AT ( 534987.00, 4418091.00)  DC
  360.      35.45050 (04112524) AT ( 535500.00, 4418000.00)  GC
400.      32.28688 (04082024) AT ( 535000.00, 4418000.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
                                  ***        09:13:12

                                              PAGE  64
 **MODELOPTs:  RegDFAULT CONC                DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

                                   *** THE MAXIMUM  500  24-HR AVERAGE
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CONCENTRATION VALUES FOR SOURCE GROUP: ESER *** INCLUDING SOURCE(S): AREA ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE		RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
401.	32.22126	(04050824)	(535500.00, 4417500.00)	GC	441.	28.78663	(04032524)	(535000.00, 4418000.00)	GC
402.	32.21790	(04120724)	(534987.00, 4418091.00)	DC	442.	28.73878c	(04121424)	(535500.00, 4417500.00)	GC
403.	32.17459	(04081924)	(535000.00, 4418000.00)	GC	443.	28.71619	(04111924)	(535500.00, 4418000.00)	GC
404.	32.05595	(04111624)	(535500.00, 4417500.00)	GC	444.	28.67707	(04022824)	(535000.00, 4418000.00)	GC
405.	32.02813	(04111224)	(535000.00, 4416500.00)	GC	445.	28.66686	(04103024)	(534987.00, 4418091.00)	DC
406.	32.01260	(04081024)	(535000.00, 4418000.00)	GC	446.	28.64662	(04101024)	(535500.00, 4417000.00)	GC
407.	31.92295	(04100924)	(535500.00, 4418000.00)	GC	447.	28.57111	(04072324)	(535000.00, 4418000.00)	GC
408.	31.88449	(04022624)	(535500.00, 4417500.00)	GC	448.	28.48439	(04072124)	(535000.00, 4418000.00)	GC
409.	31.88444	(04062924)	(535000.00, 4418000.00)	GC	449.	28.44025c	(04121424)	(534987.00, 4418091.00)	DC
410.	31.55145	(04032124)	(535500.00, 4417000.00)	GC	450.	28.41913	(04021224)	(535500.00, 4417500.00)	GC
411.	31.51104	(04072524)	(535000.00, 4418000.00)	GC	451.	28.40303	(04062024)	(535000.00, 4418000.00)	GC

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  412.      31.36262 (04080724) AT ( 535000.00, 4418000.00)  GC
452.      28.34322 (04032224) AT ( 534987.00, 4418091.00)  DC
  413.      31.07311 (04010824) AT ( 535000.00, 4418000.00)  GC
453.      28.06581 (04090424) AT ( 535000.00, 4418000.00)  GC
  414.      30.98297 (04090224) AT ( 535000.00, 4418000.00)  GC
454.      27.88329 (04062824) AT ( 535500.00, 4417000.00)  GC
  415.      30.83212 (04090924) AT ( 535000.00, 4418000.00)  GC
455.      27.78574 (04061524) AT ( 535000.00, 4418000.00)  GC
  416.      30.78401 (04112624) AT ( 535000.00, 4418000.00)  GC
456.      27.76394 (04111524) AT ( 534987.00, 4418091.00)  DC
  417.      30.76479 (04051424) AT ( 535500.00, 4417500.00)  GC
457.      27.75397 (04110724) AT ( 535500.00, 4417000.00)  GC
  418.      30.48035 (04032124) AT ( 534987.00, 4418091.00)  DC
458.      27.74130 (04012024) AT ( 535000.00, 4418000.00)  GC
  419.      30.37688 (04080224) AT ( 535000.00, 4418000.00)  GC
459.      27.67937 (04111824) AT ( 535500.00, 4418000.00)  GC
  420.      30.36472 (04051024) AT ( 535000.00, 4418000.00)  GC
460.      27.62736 (04082924) AT ( 535500.00, 4417500.00)  GC
  421.      30.27890 (04111124) AT ( 534500.00, 4415500.00)  GC
461.      27.57551 (04051124) AT ( 535000.00, 4418000.00)  GC
  422.      30.11933 (04030224) AT ( 534987.00, 4418091.00)  DC
462.      27.47904c(04010324) AT ( 535500.00, 4417500.00)  GC
  423.      30.11259 (04051624) AT ( 535000.00, 4418000.00)  GC
463.      27.44130 (04122324) AT ( 534987.00, 4418091.00)  DC
  424.      29.97303 (04032724) AT ( 535000.00, 4418000.00)  GC
464.      27.36383 (04111924) AT ( 534987.00, 4418091.00)  DC
  425.      29.81569 (04012424) AT ( 534987.00, 4418091.00)  DC
465.      27.32427 (04122924) AT ( 534987.00, 4418091.00)  DC
  426.      29.80333 (04010224) AT ( 535500.00, 4418500.00)  GC
466.      27.30974 (04052924) AT ( 535000.00, 4418000.00)  GC
  427.      29.72780 (04062324) AT ( 535000.00, 4418000.00)  GC
467.      27.21125 (04120224) AT ( 535500.00, 4418000.00)  GC
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  428.      29.54497 (04071224) AT ( 535000.00, 4418000.00)  GC
468.      27.18762 (04122124) AT ( 535500.00, 4418500.00)  GC
  429.      29.45224 (04012124) AT ( 535500.00, 4418000.00)  GC
469.      26.83972 (04080124) AT ( 535000.00, 4418000.00)  GC
  430.      29.25322 (04091024) AT ( 535000.00, 4418000.00)  GC
470.      26.74907 (04121224) AT ( 535500.00, 4418000.00)  GC
  431.      29.24517 (04010524) AT ( 535000.00, 4418000.00)  GC
471.      26.72517 (04052524) AT ( 535500.00, 4416500.00)  GC
  432.      29.15287 (04060924) AT ( 535500.00, 4417500.00)  GC
472.      26.68310 (04073124) AT ( 535000.00, 4418000.00)  GC
  433.      29.07867 (04081524) AT ( 535000.00, 4418000.00)  GC
473.      26.66759c(04122424) AT ( 535500.00, 4418000.00)  GC
  434.      29.07454 (04040124) AT ( 535500.00, 4417500.00)  GC
474.      26.63000 (04092424) AT ( 535000.00, 4416500.00)  GC
  435.      29.05052 (04050824) AT ( 534987.00, 4418091.00)  DC
475.      26.50284 (04120524) AT ( 535500.00, 4417000.00)  GC
  436.      29.02725c(04011224) AT ( 536000.00, 4418000.00)  GC
476.      26.50242 (04112324) AT ( 534987.00, 4418091.00)  DC
  437.      28.99554 (04121824) AT ( 535500.00, 4418500.00)  GC
477.      26.44350 (04111124) AT ( 535000.00, 4416000.00)  GC
  438.      28.96126 (04052524) AT ( 535000.00, 4418000.00)  GC
478.      26.36236 (04032724) AT ( 535500.00, 4417500.00)  GC
  439.      28.90166 (04122524) AT ( 534987.00, 4418091.00)  DC
479.      26.33734c(04011324) AT ( 536000.00, 4417500.00)  GC
  440.      28.87931 (04091524) AT ( 535000.00, 4416500.00)  GC
480.      26.29795 (04040524) AT ( 535500.00, 4417500.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
                                  ***        09:13:12

                                             PAGE  65
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**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
481.	26.28420	(04011124)	AT (535500.00, 4418000.00) GC	491.	25.55123	(04101124)	AT (534987.00, 4418091.00) DC
482.	26.26706c	(04100124)	AT (536000.00, 4417500.00) GC	492.	25.50078c	(04011324)	AT (536000.00, 4418000.00) GC
483.	26.22837	(04082424)	AT (535000.00, 4418000.00) GC	493.	25.48923	(04022024)	AT (535500.00, 4418000.00) GC
484.	26.18300	(04111024)	AT (535500.00, 4417000.00) GC	494.	25.45652	(04100824)	AT (536000.00, 4418000.00) GC
485.	25.88948	(04111124)	AT (534500.00, 4416000.00) GC	495.	25.19630	(04120124)	AT (536000.00, 4418000.00) GC
486.	25.87217	(04111224)	AT (535500.00, 4417000.00) GC	496.	25.00423	(04050224)	AT (535500.00, 4417500.00) GC
487.	25.85857c	(04011224)	AT (536000.00, 4418500.00) GC	497.	25.00096	(04081224)	AT (534987.00, 4418091.00) DC
488.	25.74964	(04051224)	AT (535000.00, 4418000.00) GC	498.	24.95668	(04020324)	AT (535500.00, 4417000.00) GC

  489.   25.70614 (04110724) AT (535000.00, 4416500.00) GC
499.   24.95190 (04061024) AT (535500.00, 4417000.00) GC
  490.   25.67430 (04110724) AT (534987.00, 4418091.00) DC
500.   24.90624 (04072624) AT (535500.00, 4417000.00) GC

  *** RECEPTOR TYPES: GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/27/11
                                  ***
                                  ***   09:13:12

                                              PAGE 66
 **MODELOPTs: RegDFAULT CONC   DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

                                *** THE MAXIMUM 500 24-HR   DRY
DEPOSITION   VALUES FOR SOURCE GROUP: ESER   ***
                                    INCLUDING SOURCE(S):   AREA   ,

                                        ** DEPO OF PM10   IN
GRAMS/M**2   **

 RANK   DEPO   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       DEPO   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE
 -
- -
    1.   0.05792 (04070824) AT (535000.00, 4418000.00) GC

41. 0.03881 (04112424) AT (535000.00, 4418000.00) GC
2. 0.05718 (04070924) AT (535000.00, 4418000.00) GC
42. 0.03878 (04061524) AT (535000.00, 4418000.00) GC
3. 0.05667 (04070524) AT (535000.00, 4418000.00) GC
43. 0.03876 (04012324) AT (535000.00, 4418000.00) GC
4. 0.05627 (04041424) AT (535000.00, 4418000.00) GC
44. 0.03849 (04021024) AT (535000.00, 4418000.00) GC
5. 0.05607 (04021324) AT (535000.00, 4418000.00) GC
45. 0.03847 (04032124) AT (535000.00, 4418000.00) GC
6. 0.05286 (04072024) AT (535000.00, 4418000.00) GC
46. 0.03846 (04091224) AT (535000.00, 4418000.00) GC
7. 0.05279 (04072124) AT (535000.00, 4418000.00) GC
47. 0.03830 (04101224) AT (535000.00, 4418000.00) GC
8. 0.04915 (04071924) AT (535000.00, 4418000.00) GC
48. 0.03790 (04020824) AT (535000.00, 4418000.00) GC
9. 0.04885 (04090624) AT (535000.00, 4418000.00) GC
49. 0.03775 (04110424) AT (535000.00, 4418000.00) GC
10. 0.04748 (04101324) AT (535000.00, 4418000.00) GC
50. 0.03774 (04040324) AT (535000.00, 4418000.00) GC
11. 0.04733 (04081624) AT (535000.00, 4418000.00) GC
51. 0.03757 (04062824) AT (535000.00, 4418000.00) GC
12. 0.04697 (04021224) AT (535000.00, 4418000.00) GC
52. 0.03742 (04052624) AT (535000.00, 4418000.00) GC
13. 0.04685 (04021524) AT (535000.00, 4418000.00) GC
53. 0.03706 (04090224) AT (535000.00, 4418000.00) GC
14. 0.04649 (04112024) AT (535000.00, 4418000.00) GC
54. 0.03698 (04050324) AT (535000.00, 4418000.00) GC
15. 0.04575 (04090324) AT (535000.00, 4418000.00) GC
55. 0.03696c(04020224) AT (535000.00, 4418000.00) GC
16. 0.04491 (04070724) AT (535000.00, 4418000.00) GC
56. 0.03669 (04071324) AT (535000.00, 4418000.00) GC
17. 0.04460 (04041624) AT (535000.00, 4418000.00) GC

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57.       0.03658 (04032224) AT ( 535000.00, 4418000.00)  GC
   18.       0.04457 (04042724) AT ( 535000.00, 4418000.00)  GC
58.       0.03647 (04042824) AT ( 535000.00, 4418000.00)  GC
   19.       0.04447 (04070424) AT ( 535000.00, 4418000.00)  GC
59.       0.03625 (04071724) AT ( 535000.00, 4418000.00)  GC
   20.       0.04444 (04031424) AT ( 535000.00, 4418000.00)  GC
60.       0.03618 (04100624) AT ( 535000.00, 4418000.00)  GC
   21.       0.04440 (04100524) AT ( 535000.00, 4418000.00)  GC
61.       0.03572 (04052524) AT ( 535000.00, 4418000.00)  GC
   22.       0.04414 (04040624) AT ( 535000.00, 4418000.00)  GC
62.       0.03558 (04031724) AT ( 535000.00, 4418000.00)  GC
   23.       0.04381 (04040824) AT ( 535000.00, 4418000.00)  GC
63.       0.03554 (04022824) AT ( 535000.00, 4418000.00)  GC
   24.       0.04355 (04071424) AT ( 535000.00, 4418000.00)  GC
64.       0.03544 (04051524) AT ( 535000.00, 4418000.00)  GC
   25.       0.04336 (04090724) AT ( 535000.00, 4418000.00)  GC
65.       0.03523 (04040224) AT ( 535000.00, 4418000.00)  GC
   26.       0.04321 (04012224) AT ( 535000.00, 4418000.00)  GC
66.       0.03504 (04051924) AT ( 535000.00, 4418000.00)  GC
   27.       0.04311 (04052824) AT ( 535000.00, 4418000.00)  GC
67.       0.03503 (04071824) AT ( 535000.00, 4418000.00)  GC
   28.       0.04285 (04070624) AT ( 535000.00, 4418000.00)  GC
68.       0.03492 (04090524) AT ( 535000.00, 4418000.00)  GC
   29.       0.04251 (04072224) AT ( 535000.00, 4418000.00)  GC
69.       0.03484 (04091724) AT ( 535000.00, 4418000.00)  GC
   30.       0.04180 (04071024) AT ( 535000.00, 4418000.00)  GC
70.       0.03469 (04032524) AT ( 535000.00, 4418000.00)  GC
   31.       0.04143 (04080224) AT ( 535000.00, 4418000.00)  GC
71.       0.03447 (04051224) AT ( 535000.00, 4418000.00)  GC
   32.       0.04109 (04052724) AT ( 535000.00, 4418000.00)  GC
72.       0.03442 (04040524) AT ( 535000.00, 4418000.00)  GC
   33.       0.04098 (04050724) AT ( 535000.00, 4418000.00)  GC
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73. 0.03440 (04112724) AT (535000.00, 4418000.00) GC
34. 0.04086 (04080124) AT (535000.00, 4418000.00) GC
74. 0.03423c(04020724) AT (535000.00, 4418000.00) GC
35. 0.04066 (04100424) AT (535000.00, 4418000.00) GC
75. 0.03406 (04082824) AT (535000.00, 4418000.00) GC
36. 0.03997 (04071524) AT (535000.00, 4418000.00) GC
76. 0.03400 (04013124) AT (535000.00, 4418000.00) GC
37. 0.03934 (04070124) AT (535000.00, 4418000.00) GC
77. 0.03397 (04020924) AT (535000.00, 4418000.00) GC
38. 0.03908 (04051424) AT (535000.00, 4418000.00) GC
78. 0.03389 (04060124) AT (535000.00, 4418000.00) GC
39. 0.03898 (04040724) AT (535000.00, 4418000.00) GC
79. 0.03386 (04063024) AT (535000.00, 4418000.00) GC
40. 0.03894 (04091824) AT (535000.00, 4418000.00) GC
80. 0.03383 (04070824) AT (535000.00, 4417500.00) GC

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
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**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE MAXIMUM 500 24-HR DRY
DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

** DEPO OF PM10 IN
GRAMS/M**2 **

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 RANK         DEPO    (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE    RANK
       DEPO    (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
   81.       0.03364 (04091124) AT ( 535000.00, 4418000.00)  GC
121.       0.03085 (04050924) AT ( 535000.00, 4418000.00)  GC
   82.       0.03337 (04101124) AT ( 535000.00, 4418000.00)  GC
122.       0.03084 (04072324) AT ( 535000.00, 4418000.00)  GC
   83.       0.03336 (04011624) AT ( 535000.00, 4418000.00)  GC
123.       0.03080 (04111624) AT ( 535000.00, 4418000.00)  GC
   84.       0.03330 (04073124) AT ( 535000.00, 4418000.00)  GC
124.       0.03071 (04053124) AT ( 535000.00, 4418000.00)  GC
   85.       0.03325 (04071224) AT ( 535000.00, 4418000.00)  GC
125.       0.03066 (04062524) AT ( 535000.00, 4418000.00)  GC
   86.       0.03320 (04022024) AT ( 535000.00, 4418000.00)  GC
126.       0.03058 (04011824) AT ( 535000.00, 4418000.00)  GC
   87.       0.03313 (04051724) AT ( 535000.00, 4418000.00)  GC
127.       0.03056 (04020424) AT ( 535000.00, 4418000.00)  GC
   88.       0.03313 (04070924) AT ( 535000.00, 4417500.00)  GC
128.       0.03053 (04042424) AT ( 535000.00, 4418000.00)  GC
   89.       0.03304 (04092524) AT ( 535000.00, 4418000.00)  GC
129.       0.03052 (04081524) AT ( 535000.00, 4418000.00)  GC
   90.       0.03294 (04022224) AT ( 535000.00, 4418000.00)  GC
130.       0.03050 (04020324) AT ( 535000.00, 4418000.00)  GC
   91.       0.03286 (04061924) AT ( 535000.00, 4418000.00)  GC
131.       0.03041 (04061024) AT ( 535000.00, 4418000.00)  GC
   92.       0.03281 (04090424) AT ( 535000.00, 4418000.00)  GC
132.       0.03027 (04080824) AT ( 535000.00, 4418000.00)  GC
   93.       0.03265 (04112824) AT ( 535000.00, 4418000.00)  GC
133.       0.03021 (04072424) AT ( 535000.00, 4418000.00)  GC
   94.       0.03258 (04030624) AT ( 535000.00, 4418000.00)  GC
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134.       0.03020 (04032924) AT ( 535000.00, 4418000.00)  GC
   95.       0.03242 (04120224) AT ( 535000.00, 4418000.00)  GC
135.       0.03010 (04022324) AT ( 535000.00, 4418000.00)  GC
   96.       0.03237 (04032724) AT ( 535000.00, 4418000.00)  GC
136.       0.03008 (04081024) AT ( 535000.00, 4418000.00)  GC
   97.       0.03229 (04021424) AT ( 535000.00, 4418000.00)  GC
137.       0.03005 (04042024) AT ( 535000.00, 4418000.00)  GC
   98.       0.03224 (04120324) AT ( 535000.00, 4418000.00)  GC
138.       0.03004 (04052924) AT ( 535000.00, 4418000.00)  GC
   99.       0.03223 (04012024) AT ( 535000.00, 4418000.00)  GC
139.       0.02999 (04051824) AT ( 535000.00, 4418000.00)  GC
  100.       0.03219 (04101824) AT ( 535000.00, 4418000.00)  GC
140.       0.02994 (04121224) AT ( 535000.00, 4418000.00)  GC
  101.       0.03216 (04051124) AT ( 535000.00, 4418000.00)  GC
141.       0.02984 (04062724) AT ( 535000.00, 4418000.00)  GC
  102.       0.03214 (04041524) AT ( 535000.00, 4418000.00)  GC
142.       0.02983 (04090924) AT ( 535000.00, 4418000.00)  GC
  103.       0.03213 (04042624) AT ( 535000.00, 4418000.00)  GC
143.       0.02979 (04022524) AT ( 535000.00, 4418000.00)  GC
  104.       0.03201 (04031024) AT ( 535000.00, 4418000.00)  GC
144.       0.02973 (04031124) AT ( 535000.00, 4418000.00)  GC
  105.       0.03199 (04020124) AT ( 535000.00, 4418000.00)  GC
145.       0.02970c(04120424) AT ( 535000.00, 4418000.00)  GC
  106.       0.03192 (04060924) AT ( 535000.00, 4418000.00)  GC
146.       0.02966 (04040424) AT ( 535000.00, 4418000.00)  GC
  107.       0.03191 (04021624) AT ( 535000.00, 4418000.00)  GC
147.       0.02964 (04033124) AT ( 535000.00, 4418000.00)  GC
  108.       0.03181 (04062324) AT ( 535000.00, 4418000.00)  GC
148.       0.02963 (04032824) AT ( 535000.00, 4418000.00)  GC
  109.       0.03176 (04051324) AT ( 535000.00, 4418000.00)  GC
149.       0.02951 (04091024) AT ( 535000.00, 4418000.00)  GC
  110.       0.03170 (04073024) AT ( 535000.00, 4418000.00)  GC
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150. 0.02949 (04121324) AT (535000.00, 4418000.00) GC
111. 0.03158 (04032624) AT (535000.00, 4418000.00) GC
151. 0.02936 (04101924) AT (535000.00, 4418000.00) GC
112. 0.03155 (04032324) AT (535000.00, 4418000.00) GC
152. 0.02934 (04012524) AT (535000.00, 4418000.00) GC
113. 0.03137 (04022724) AT (535000.00, 4418000.00) GC
153. 0.02921 (04050224) AT (535000.00, 4418000.00) GC
114. 0.03126 (04022624) AT (535000.00, 4418000.00) GC
154. 0.02920 (04081824) AT (535000.00, 4418000.00) GC
115. 0.03125 (04041224) AT (535000.00, 4418000.00) GC
155. 0.02919 (04030724) AT (535000.00, 4418000.00) GC
116. 0.03116 (04070524) AT (535000.00, 4417500.00) GC
156. 0.02914 (04062624) AT (535000.00, 4418000.00) GC
117. 0.03111 (04041024) AT (535000.00, 4418000.00) GC
157. 0.02904 (04012624) AT (535000.00, 4418000.00) GC
118. 0.03104 (04021924) AT (535000.00, 4418000.00) GC
158. 0.02904 (04112324) AT (535000.00, 4418000.00) GC
119. 0.03090 (04031824) AT (535000.00, 4418000.00) GC
159. 0.02903 (04050524) AT (535000.00, 4418000.00) GC
120. 0.03086 (04021824) AT (535000.00, 4418000.00) GC
160. 0.02901 (04012424) AT (535000.00, 4418000.00) GC

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
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***
*** 09:13:12

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**MODELOPTs: RegDFAULT CONC DDEP
ELEV

DRYDPLT

WETDPLT

*** THE MAXIMUM 500 24-HR DRY DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

** DEPO OF PM10 IN GRAMS/M**2 **

RANK	DEPO	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	DEPO	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
161.	0.02901	(04050424)	AT (535000.00, 4418000.00) GC				
201.	0.02725	(04041324)	AT (535000.00, 4418000.00) GC				
162.	0.02900	(04030224)	AT (535000.00, 4418000.00) GC				
202.	0.02716c	(04031924)	AT (535000.00, 4418000.00) GC				
163.	0.02892	(04030924)	AT (535000.00, 4418000.00) GC				
203.	0.02709	(04062124)	AT (535000.00, 4418000.00) GC				
164.	0.02890	(04042224)	AT (535000.00, 4418000.00) GC				
204.	0.02706	(04082124)	AT (535000.00, 4418000.00) GC				
165.	0.02889	(04010924)	AT (535000.00, 4418000.00) GC				
205.	0.02704	(04082924)	AT (535000.00, 4418000.00) GC				
166.	0.02883	(04050824)	AT (535000.00, 4418000.00) GC				
206.	0.02691	(04061124)	AT (535000.00, 4418000.00) GC				
167.	0.02879	(04031624)	AT (535000.00, 4418000.00) GC				
207.	0.02690c	(04052124)	AT (535000.00, 4418000.00) GC				
168.	0.02873	(04030524)	AT (535000.00, 4418000.00) GC				
208.	0.02687	(04100324)	AT (535000.00, 4418000.00) GC				
169.	0.02873	(04071124)	AT (535000.00, 4418000.00) GC				
209.	0.02686	(04101624)	AT (535000.00, 4418000.00) GC				
170.	0.02867	(04041824)	AT (535000.00, 4418000.00) GC				
210.	0.02684	(04082324)	AT (535000.00, 4418000.00) GC				
171.	0.02855	(04062424)	AT (535000.00, 4418000.00) GC				

211. 0.02679 (04031224) AT (535000.00, 4418000.00) GC
172. 0.02849 (04013024) AT (535000.00, 4418000.00) GC
212. 0.02676 (04030824) AT (535000.00, 4418000.00) GC
173. 0.02834 (04072124) AT (535000.00, 4417500.00) GC
213. 0.02675 (04082224) AT (535000.00, 4418000.00) GC
174. 0.02819 (04080324) AT (535000.00, 4418000.00) GC
214. 0.02674 (04051024) AT (535000.00, 4418000.00) GC
175. 0.02818 (04100924) AT (535000.00, 4418000.00) GC
215. 0.02667 (04081724) AT (535000.00, 4418000.00) GC
176. 0.02815 (04040624) AT (534987.00, 4418091.00) DC
216. 0.02661 (04053024) AT (535000.00, 4418000.00) GC
177. 0.02807 (04120924) AT (535000.00, 4418000.00) GC
217. 0.02659 (04082524) AT (535000.00, 4418000.00) GC
178. 0.02805 (04060624) AT (535000.00, 4418000.00) GC
218. 0.02659 (04061724) AT (535000.00, 4418000.00) GC
179. 0.02800 (04012724) AT (535000.00, 4418000.00) GC
219. 0.02656 (04010824) AT (535000.00, 4418000.00) GC
180. 0.02798 (04101324) AT (535000.00, 4417500.00) GC
220. 0.02649 (04051624) AT (535000.00, 4418000.00) GC
181. 0.02787 (04061824) AT (535000.00, 4418000.00) GC
221. 0.02649 (04100824) AT (535000.00, 4418000.00) GC
182. 0.02781 (04022124) AT (535000.00, 4418000.00) GC
222. 0.02647 (04060224) AT (535000.00, 4418000.00) GC
183. 0.02780 (04081224) AT (535000.00, 4418000.00) GC
223. 0.02644 (04070224) AT (535000.00, 4418000.00) GC
184. 0.02775 (04060824) AT (535000.00, 4418000.00) GC
224. 0.02638 (04033024) AT (535000.00, 4418000.00) GC
185. 0.02773 (04060424) AT (535000.00, 4418000.00) GC
225. 0.02634 (04112224) AT (535000.00, 4418000.00) GC
186. 0.02772 (04050624) AT (535000.00, 4418000.00) GC
226. 0.02627 (04102924) AT (535000.00, 4418000.00) GC
187. 0.02770 (04043024) AT (535000.00, 4418000.00) GC

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227.       0.02622 (04092324) AT ( 535000.00, 4418000.00)  GC
  188.       0.02768 (04072924) AT ( 535000.00, 4418000.00)  GC
228.       0.02619 (04080424) AT ( 535000.00, 4418000.00)  GC
  189.       0.02761 (04061424) AT ( 535000.00, 4418000.00)  GC
229.       0.02611 (04102124) AT ( 535000.00, 4418000.00)  GC
  190.       0.02759 (04101724) AT ( 535000.00, 4418000.00)  GC
230.       0.02608 (04041424) AT ( 534987.00, 4418091.00)  DC
  191.       0.02758 (04072024) AT ( 535000.00, 4417500.00)  GC
231.       0.02605 (04062224) AT ( 535000.00, 4418000.00)  GC
  192.       0.02756 (04072724) AT ( 535000.00, 4418000.00)  GC
232.       0.02597 (04061224) AT ( 535000.00, 4418000.00)  GC
  193.       0.02756 (04090124) AT ( 535000.00, 4418000.00)  GC
233.       0.02594 (04060524) AT ( 535000.00, 4418000.00)  GC
  194.       0.02753c(04121424) AT ( 535000.00, 4418000.00)  GC
234.       0.02593 (04080924) AT ( 535000.00, 4418000.00)  GC
  195.       0.02749 (04080524) AT ( 535000.00, 4418000.00)  GC
235.       0.02592 (04071624) AT ( 535000.00, 4418000.00)  GC
  196.       0.02747 (04042924) AT ( 535000.00, 4418000.00)  GC
236.       0.02589 (04112624) AT ( 535000.00, 4418000.00)  GC
  197.       0.02731c(04031324) AT ( 535000.00, 4418000.00)  GC
237.       0.02588 (04010524) AT ( 535000.00, 4418000.00)  GC
  198.       0.02730 (04012924) AT ( 535000.00, 4418000.00)  GC
238.       0.02586 (04092424) AT ( 535000.00, 4418000.00)  GC
  199.       0.02728 (04072524) AT ( 535000.00, 4418000.00)  GC
239.       0.02585 (04100724) AT ( 535000.00, 4418000.00)  GC
  200.       0.02726 (04062924) AT ( 535000.00, 4418000.00)  GC
240.       0.02584 (04101424) AT ( 535000.00, 4418000.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
                                  ***        09:13:12
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**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE MAXIMUM 500 24-HR DRY
DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

** DEPO OF PM10 IN
GRAMS/M**2 **

RANK	DEPO	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	DEPO	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
241.	0.02583	(04010724)	AT (535000.00, 4418000.00) GC	281.	0.02470	(04091924)	AT (535000.00, 4418000.00) GC
242.	0.02581	(04121724)	AT (535000.00, 4418000.00) GC	282.	0.02466	(04011524)	AT (535000.00, 4418000.00) GC
243.	0.02580	(04121524)	AT (535000.00, 4418000.00) GC	283.	0.02454	(04091324)	AT (535000.00, 4418000.00) GC
244.	0.02577	(04081924)	AT (535000.00, 4418000.00) GC	284.	0.02452	(04030124)	AT (535000.00, 4418000.00) GC
245.	0.02566	(04021724)	AT (535000.00, 4418000.00) GC	285.	0.02451	(04102024)	AT (535000.00, 4418000.00) GC
246.	0.02563	(04060324)	AT (535000.00, 4418000.00) GC	286.	0.02447	(04070724)	AT (535000.00, 4417500.00) GC
247.	0.02562	(04041724)	AT (535000.00, 4418000.00) GC	287.	0.02447	(04061624)	AT (535000.00, 4418000.00) GC
248.	0.02558c	(04100124)	AT (535000.00, 4418000.00) GC				

288. 0.02438 (04102424) AT (535000.00, 4418000.00) GC
249. 0.02557 (04120524) AT (535000.00, 4418000.00) GC
289. 0.02437 (04021424) AT (535500.00, 4417000.00) GC
250. 0.02554 (04052024) AT (535000.00, 4418000.00) GC
290. 0.02436 (04081324) AT (535000.00, 4418000.00) GC
251. 0.02550c(04122424) AT (535000.00, 4418000.00) GC
291. 0.02427 (04050124) AT (535000.00, 4418000.00) GC
252. 0.02550 (04081424) AT (535000.00, 4418000.00) GC
292. 0.02424 (04031524) AT (535000.00, 4418000.00) GC
253. 0.02546 (04082424) AT (535000.00, 4418000.00) GC
293. 0.02418 (04070424) AT (535000.00, 4417500.00) GC
254. 0.02533 (04111724) AT (535000.00, 4418000.00) GC
294. 0.02411 (04082024) AT (535000.00, 4418000.00) GC
255. 0.02532 (04070324) AT (535000.00, 4418000.00) GC
295. 0.02406 (04041624) AT (535500.00, 4417000.00) GC
256. 0.02530 (04092924) AT (535000.00, 4418000.00) GC
296. 0.02400 (04102724) AT (535000.00, 4418000.00) GC
257. 0.02530 (04040824) AT (534987.00, 4418091.00) DC
297. 0.02399 (04122824) AT (535000.00, 4418000.00) GC
258. 0.02527 (04090624) AT (535000.00, 4417500.00) GC
298. 0.02393 (04062024) AT (535000.00, 4418000.00) GC
259. 0.02525 (04032424) AT (535000.00, 4418000.00) GC
299. 0.02391 (04091524) AT (535000.00, 4418000.00) GC
260. 0.02524 (04081124) AT (535000.00, 4418000.00) GC
300. 0.02389 (04112924) AT (535000.00, 4418000.00) GC
261. 0.02521 (04020524) AT (535000.00, 4418000.00) GC
301. 0.02388 (04020624) AT (535000.00, 4418000.00) GC
262. 0.02519 (04061324) AT (535000.00, 4418000.00) GC
302. 0.02383 (04011924) AT (535000.00, 4418000.00) GC
263. 0.02519 (04120824) AT (535000.00, 4418000.00) GC
303. 0.02380 (04060724) AT (535000.00, 4418000.00) GC
264. 0.02516 (04051524) AT (535500.00, 4417000.00) GC

304. 0.02376 (04030324) AT (535000.00, 4418000.00) GC
265. 0.02514 (04052424) AT (535000.00, 4418000.00) GC
305. 0.02375 (04103024) AT (535000.00, 4418000.00) GC
266. 0.02512c(04042524) AT (535000.00, 4418000.00) GC
306. 0.02374 (04083024) AT (535000.00, 4418000.00) GC
267. 0.02506 (04040124) AT (535000.00, 4418000.00) GC
307. 0.02365 (04080724) AT (535000.00, 4418000.00) GC
268. 0.02506 (04081624) AT (535000.00, 4417500.00) GC
308. 0.02365 (04072224) AT (535000.00, 4417500.00) GC
269. 0.02504 (04042324) AT (535000.00, 4418000.00) GC
309. 0.02359 (04052324) AT (535000.00, 4418000.00) GC
270. 0.02502 (04082624) AT (535000.00, 4418000.00) GC
310. 0.02356 (04071924) AT (535000.00, 4417500.00) GC
271. 0.02491 (04093024) AT (535000.00, 4418000.00) GC
311. 0.02355 (04031424) AT (535000.00, 4417500.00) GC
272. 0.02484 (04092224) AT (535000.00, 4418000.00) GC
312. 0.02354 (04101024) AT (535000.00, 4418000.00) GC
273. 0.02483 (04092824) AT (535000.00, 4418000.00) GC
313. 0.02352 (04041124) AT (535000.00, 4418000.00) GC
274. 0.02481 (04110524) AT (535000.00, 4418000.00) GC
314. 0.02348 (04122124) AT (535000.00, 4418000.00) GC
275. 0.02481c(04072824) AT (535000.00, 4418000.00) GC
315. 0.02345 (04111824) AT (535000.00, 4418000.00) GC
276. 0.02479 (04100524) AT (535000.00, 4417500.00) GC
316. 0.02342 (04022924) AT (535000.00, 4418000.00) GC
277. 0.02476 (04040924) AT (535000.00, 4418000.00) GC
317. 0.02335 (04072624) AT (535000.00, 4418000.00) GC
278. 0.02475 (04042124) AT (535000.00, 4418000.00) GC
318. 0.02333 (04111924) AT (535000.00, 4418000.00) GC
279. 0.02472 (04090324) AT (535000.00, 4417500.00) GC
319. 0.02330 (04022224) AT (535500.00, 4417000.00) GC
280. 0.02471 (04100224) AT (535000.00, 4418000.00) GC

320. 0.02324 (04122224) AT (535000.00, 4418000.00) GC
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/27/11
 ***
 *** 09:13:12

 PAGE 70
 **MODELOPTs: RegDFAULT CONC DDEP
 ELEV
 DRYDPLT
 WETDPLT

 *** THE MAXIMUM 500 24-HR DRY
DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
 INCLUDING SOURCE(S): AREA ,

 ** DEPO OF PM10 IN
GRAMS/M**2 **

 RANK DEPO (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE RANK
  DEPO (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE
- - - -

365. 0.02100 (04121624) AT (535000.00, 4418000.00) GC
326. 0.02297 (04011424) AT (535000.00, 4418000.00) GC
366. 0.02099 (04052724) AT (535000.00, 4417500.00) GC
327. 0.02292 (04122524) AT (535000.00, 4418000.00) GC
367. 0.02094 (04021124) AT (535000.00, 4418000.00) GC
328. 0.02291c(04122024) AT (535000.00, 4418000.00) GC
368. 0.02094 (04112224) AT (535500.00, 4417000.00) GC
329. 0.02290 (04032024) AT (535000.00, 4418000.00) GC
369. 0.02093 (04122624) AT (535000.00, 4418000.00) GC
330. 0.02285 (04052224) AT (535000.00, 4418000.00) GC
370. 0.02087 (04092624) AT (535000.00, 4418000.00) GC
331. 0.02285 (04021524) AT (534987.00, 4418091.00) DC
371. 0.02083 (04080124) AT (535000.00, 4417500.00) GC
332. 0.02282 (04011124) AT (535000.00, 4418000.00) GC
372. 0.02081c(04010324) AT (535000.00, 4418000.00) GC
333. 0.02273c(04011324) AT (535000.00, 4418000.00) GC
373. 0.02079 (04103124) AT (535000.00, 4418000.00) GC
334. 0.02270 (04100424) AT (535000.00, 4417500.00) GC
374. 0.02075 (04121824) AT (535000.00, 4418000.00) GC
335. 0.02263 (04092724) AT (535000.00, 4418000.00) GC
375. 0.02068 (04110924) AT (535000.00, 4418000.00) GC
336. 0.02257 (04091424) AT (535000.00, 4418000.00) GC
376. 0.02063 (04052624) AT (535000.00, 4417500.00) GC
337. 0.02253 (04112524) AT (535000.00, 4418000.00) GC
377. 0.02052 (04110724) AT (535000.00, 4418000.00) GC
338. 0.02249 (04121024) AT (535000.00, 4418000.00) GC
378. 0.02050 (04111524) AT (535000.00, 4418000.00) GC
339. 0.02234 (04112024) AT (534987.00, 4418091.00) DC
379. 0.02049 (04092024) AT (535000.00, 4418000.00) GC
340. 0.02228 (04120724) AT (535000.00, 4418000.00) GC
380. 0.02049 (04011824) AT (534987.00, 4418091.00) DC
341. 0.02222 (04090824) AT (535000.00, 4418000.00) GC

381. 0.02042c(04122724) AT (535000.00, 4418000.00) GC
342. 0.02202 (04080624) AT (535000.00, 4418000.00) GC
382. 0.02040 (04110424) AT (535000.00, 4417500.00) GC
343. 0.02195 (04083124) AT (535000.00, 4418000.00) GC
383. 0.02033 (04051424) AT (535500.00, 4417500.00) GC
344. 0.02187 (04111424) AT (535000.00, 4418000.00) GC
384. 0.02030 (04071524) AT (535000.00, 4417500.00) GC
345. 0.02186 (04091624) AT (535000.00, 4418000.00) GC
385. 0.02022 (04110624) AT (535000.00, 4418000.00) GC
346. 0.02181 (04120124) AT (535000.00, 4418000.00) GC
386. 0.02020c(04121924) AT (535000.00, 4418000.00) GC
347. 0.02178 (04092124) AT (535000.00, 4418000.00) GC
387. 0.02009 (04102224) AT (535000.00, 4418000.00) GC
348. 0.02173 (04010624) AT (535000.00, 4418000.00) GC
388. 0.02003 (04101524) AT (535000.00, 4418000.00) GC
349. 0.02171 (04071024) AT (535000.00, 4417500.00) GC
389. 0.02000 (04021024) AT (535500.00, 4417500.00) GC
350. 0.02169 (04123024) AT (535000.00, 4418000.00) GC
390. 0.02000 (04120224) AT (534987.00, 4418091.00) DC
351. 0.02165 (04102824) AT (535000.00, 4418000.00) GC
391. 0.01998 (04112824) AT (534987.00, 4418091.00) DC
352. 0.02159 (04082724) AT (535000.00, 4418000.00) GC
392. 0.01984 (04111024) AT (535000.00, 4418000.00) GC
353. 0.02159 (04011024) AT (535000.00, 4418000.00) GC
393. 0.01976 (04102324) AT (535000.00, 4418000.00) GC
354. 0.02157 (04021324) AT (534987.00, 4418091.00) DC
394. 0.01969 (04111124) AT (535000.00, 4418000.00) GC
355. 0.02154 (04012124) AT (535000.00, 4418000.00) GC
395. 0.01968 (04020824) AT (535500.00, 4417500.00) GC
356. 0.02153 (04021324) AT (535500.00, 4417500.00) GC
396. 0.01967 (04112424) AT (534987.00, 4418091.00) DC
357. 0.02133 (04121124) AT (535000.00, 4418000.00) GC

397. 0.01963 (04091224) AT (535000.00, 4417500.00) GC
  358. 0.02123 (04123124) AT (535000.00, 4418000.00) GC
398. 0.01959 (04062824) AT (535000.00, 4417500.00) GC
  359. 0.02121 (04010124) AT (535000.00, 4418000.00) GC
399. 0.01957 (04052824) AT (535000.00, 4417500.00) GC
  360. 0.02118 (04122924) AT (535000.00, 4418000.00) GC
400. 0.01953 (04012724) AT (534987.00, 4418091.00) DC
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 09:13:12

**MODELOPTs: RegDFAULT CONC DDEP
ELEV
DRYDPLT
WETDPLT

*** THE MAXIMUM 500 24-HR DRY
DEPOSITION VALUES FOR SOURCE GROUP: ESER ***
INCLUDING SOURCE(S): AREA ,

** DEPO OF PM10 IN
GRAMS/M**2 **

RANK DEPO (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE RANK
DEPO (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE
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442.      0.01736 (04042824) AT ( 535500.00, 4417500.00)  GC
  403.      0.01941 (04040324) AT ( 535500.00, 4417000.00)  GC
443.      0.01729 (04110824) AT ( 535000.00, 4418000.00)  GC
  404.      0.01919 (04102524) AT ( 535000.00, 4418000.00)  GC
444.      0.01719 (04090524) AT ( 535000.00, 4417500.00)  GC
  405.      0.01914 (04011624) AT ( 535500.00, 4417500.00)  GC
445.      0.01709 (04032524) AT ( 535500.00, 4417500.00)  GC
  406.      0.01910 (04113024) AT ( 535000.00, 4418000.00)  GC
446.      0.01675 (04120324) AT ( 534987.00, 4418091.00)  DC
  407.      0.01906 (04050724) AT ( 535500.00, 4417500.00)  GC
447.      0.01663 (04051124) AT ( 535500.00, 4417500.00)  GC
  408.      0.01892 (04071724) AT ( 535000.00, 4417500.00)  GC
448.      0.01662 (04010824) AT ( 535500.00, 4417500.00)  GC
  409.      0.01889 (04010224) AT ( 535000.00, 4418000.00)  GC
449.      0.01658 (04032224) AT ( 534987.00, 4418091.00)  DC
  410.      0.01888c(04102624) AT ( 535000.00, 4418000.00)  GC
450.      0.01647 (04040724) AT ( 534987.00, 4418091.00)  DC
  411.      0.01882 (04012024) AT ( 534987.00, 4418091.00)  DC
451.      0.01643 (04090224) AT ( 535000.00, 4417500.00)  GC
  412.      0.01881 (04080224) AT ( 535000.00, 4417500.00)  GC
452.      0.01636c(04011224) AT ( 535000.00, 4418000.00)  GC
  413.      0.01878c(04110124) AT ( 535000.00, 4418000.00)  GC
453.      0.01633 (04032624) AT ( 535500.00, 4417500.00)  GC
  414.      0.01877 (04091824) AT ( 535000.00, 4417500.00)  GC
454.      0.01633 (04070524) AT ( 535000.00, 4417000.00)  GC
  415.      0.01876 (04060124) AT ( 535500.00, 4417500.00)  GC
455.      0.01631 (04022124) AT ( 535500.00, 4417000.00)  GC
  416.      0.01865 (04022824) AT ( 534987.00, 4418091.00)  DC
456.      0.01628 (04041624) AT ( 535000.00, 4417500.00)  GC
  417.      0.01860 (04021524) AT ( 535500.00, 4417500.00)  GC
457.      0.01628 (04031724) AT ( 535000.00, 4417500.00)  GC
  418.      0.01853 (04010424) AT ( 535000.00, 4418000.00)  GC
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458.       0.01608 (04051524) AT ( 535500.00, 4417500.00)  GC
  419.       0.01850 (04022724) AT ( 534987.00, 4418091.00)  DC
459.       0.01608c(04121424) AT ( 535500.00, 4417000.00)  GC
  420.       0.01849c(04120424) AT ( 534987.00, 4418091.00)  DC
460.       0.01603 (04090924) AT ( 535500.00, 4417000.00)  GC
  421.       0.01848 (04070824) AT ( 535000.00, 4417000.00)  GC
461.       0.01590 (04091124) AT ( 535000.00, 4417500.00)  GC
  422.       0.01844 (04061524) AT ( 535000.00, 4417500.00)  GC
462.       0.01589 (04073024) AT ( 535000.00, 4417500.00)  GC
  423.       0.01828 (04022024) AT ( 535500.00, 4417500.00)  GC
463.       0.01579 (04101124) AT ( 534987.00, 4418091.00)  DC
  424.       0.01825 (04111224) AT ( 535000.00, 4418000.00)  GC
464.       0.01575 (04121324) AT ( 534987.00, 4418091.00)  DC
  425.       0.01825 (04022424) AT ( 535000.00, 4418000.00)  GC
465.       0.01572 (04092524) AT ( 534987.00, 4418091.00)  DC
  426.       0.01825 (04112724) AT ( 534987.00, 4418091.00)  DC
466.       0.01565 (04073124) AT ( 535000.00, 4417500.00)  GC
  427.       0.01823 (04091724) AT ( 535000.00, 4417500.00)  GC
467.       0.01561 (04090424) AT ( 535500.00, 4417000.00)  GC
  428.       0.01809 (04012824) AT ( 535000.00, 4418000.00)  GC
468.       0.01557 (04112424) AT ( 535500.00, 4417500.00)  GC
  429.       0.01803 (04051224) AT ( 535500.00, 4417500.00)  GC
469.       0.01553 (04040524) AT ( 534987.00, 4418091.00)  DC
  430.       0.01801 (04041424) AT ( 535500.00, 4417500.00)  GC
470.       0.01549 (04112024) AT ( 535500.00, 4417500.00)  GC
  431.       0.01793 (04032124) AT ( 534987.00, 4418091.00)  DC
471.       0.01542 (04100624) AT ( 535000.00, 4417500.00)  GC
  432.       0.01785 (04071824) AT ( 535000.00, 4417500.00)  GC
472.       0.01541 (04022324) AT ( 534987.00, 4418091.00)  DC
  433.       0.01782 (04110224) AT ( 535000.00, 4418000.00)  GC
473.       0.01539 (04020324) AT ( 534987.00, 4418091.00)  DC
  434.       0.01777 (04070924) AT ( 535000.00, 4417000.00)  GC
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474.       0.01526 (04032124) AT ( 535500.00, 4417500.00)  GC
  435.       0.01774c(04020224) AT ( 534987.00, 4418091.00)  DC
475.       0.01522 (04082924) AT ( 535500.00, 4417500.00)  GC
  436.       0.01767 (04112624) AT ( 535500.00, 4417000.00)  GC
476.       0.01522 (04041024) AT ( 534987.00, 4418091.00)  DC
  437.       0.01755 (04030424) AT ( 535000.00, 4418000.00)  GC
477.       0.01521 (04101324) AT ( 535000.00, 4417000.00)  GC
  438.       0.01746 (04070124) AT ( 535000.00, 4417500.00)  GC
478.       0.01513 (04100824) AT ( 535500.00, 4417500.00)  GC
  439.       0.01743 (04121224) AT ( 534987.00, 4418091.00)  DC
479.       0.01504c(04011324) AT ( 535500.00, 4417500.00)  GC
  440.       0.01739 (04071424) AT ( 535500.00, 4417500.00)  GC
480.       0.01503 (04120924) AT ( 534987.00, 4418091.00)  DC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***        09:13:12

                                               PAGE  72
 **MODELOPTs:  RegDFAULT CONC                 DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

                                *** THE MAXIMUM  500  24-HR     DRY
DEPOSITION      VALUES FOR SOURCE GROUP:  ESER     ***
                                    INCLUDING SOURCE(S):    AREA    ,

                                        ** DEPO OF PM10     IN
GRAMS/M**2                               **

 RANK        DEPO    (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE    RANK
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      DEPO    (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
  481.       0.01500 (04051924) AT ( 535000.00, 4417500.00)  GC
491.       0.01449 (04072024) AT ( 535000.00, 4417000.00)  GC
  482.       0.01500 (04022624) AT ( 535500.00, 4417500.00)  GC
492.       0.01442 (04013124) AT ( 535000.00, 4417500.00)  GC
  483.       0.01498 (04070824) AT ( 535500.00, 4417000.00)  GC
493.       0.01434 (04032724) AT ( 535500.00, 4417500.00)  GC
  484.       0.01497 (04053124) AT ( 535500.00, 4417500.00)  GC
494.       0.01434 (04013024) AT ( 534987.00, 4418091.00)  DC
  485.       0.01487 (04072124) AT ( 535000.00, 4417000.00)  GC
495.       0.01424 (04012424) AT ( 534987.00, 4418091.00)  DC
  486.       0.01485 (04122124) AT ( 535500.00, 4417500.00)  GC
496.       0.01418 (04012624) AT ( 534987.00, 4418091.00)  DC
  487.       0.01484 (04052524) AT ( 535500.00, 4417000.00)  GC
497.       0.01409 (04042424) AT ( 534987.00, 4418091.00)  DC
  488.       0.01472 (04090524) AT ( 535500.00, 4417000.00)  GC
498.       0.01408 (04052524) AT ( 535500.00, 4417500.00)  GC
  489.       0.01462 (04111624) AT ( 534987.00, 4418091.00)  DC
499.       0.01402 (04021624) AT ( 535500.00, 4417500.00)  GC
  490.       0.01456 (04032724) AT ( 534987.00, 4418091.00)  DC
500.       0.01402 (04091024) AT ( 535500.00, 4417000.00)  GC

  *** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
                                  ***        09:13:12
```

**MODELOPTs: RegDFAULT CONC DDEP ELEV DRYDPLT WETDPLT

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

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

GROUP ID		NETWORK AVERAGE CONC OF TYPE	GRID-ID	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)
ESER	1ST HIGHEST VALUE IS	53.00664	AT	(535000.00, 4418000.00, 697.00, 697.00, 0.00) GC CALISMA
	2ND HIGHEST VALUE IS	14.69068	AT	(534987.00, 4418091.00, 692.00, 692.00, 0.00) DC
	3RD HIGHEST VALUE IS	13.09649	AT	(535500.00, 4417500.00, 665.00, 665.00, 0.00) GC CALISMA
	4TH HIGHEST VALUE IS	7.71655	AT	(535500.00, 4417000.00, 672.00, 672.00, 0.00) GC CALISMA
	5TH HIGHEST VALUE IS	7.66360	AT	(535500.00, 4418000.00, 663.00, 663.00, 0.00) GC CALISMA
	6TH HIGHEST VALUE IS	4.20892	AT	(535000.00,

4417500.00,   739.00,   739.00,   0.00) GC CALISMA
         7TH HIGHEST VALUE IS   3.58476 AT (535000.00,
4416500.00,   685.00,   685.00,   0.00) GC CALISMA
         8TH HIGHEST VALUE IS   3.19621 AT (534500.00,
4416500.00,   733.00,   733.00,   0.00) GC CALISMA
         9TH HIGHEST VALUE IS   3.06129 AT (535500.00,
4418500.00,   689.00,   689.00,   0.00) GC CALISMA
        10TH HIGHEST VALUE IS   3.04171 AT (536000.00,
4417500.00,   704.00,   704.00,   0.00) GC CALISMA

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/27/11
                                  ***
                                  ***   09:13:12

 **MODELOPTs: RegDFAULT CONC   DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

                                                *** THE SUMMARY OF
HIGHEST 8-HR RESULTS ***

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

```
                                                                  DATE
                                                                 NETWORK
GROUP ID                              AVERAGE CONC             (YYMMDDHH)
RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

ESER     HIGH  1ST HIGH VALUE IS     355.38653  ON 04012708: AT (
535000.00,  4418000.00,   697.00,   697.00,    0.00)  GC  CALISMA


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                    ***        09:13:12

                                                PAGE  75
 **MODELOPTs:  RegDFAULT CONC                 DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

                                                  *** THE SUMMARY OF
HIGHEST 24-HR RESULTS ***


                                     ** CONC OF PM10     IN
```

MICROGRAMS/M**3 **

GROUP ID RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE	DATE NETWORK (YYMMDDHH) GRID-ID

ESER HIGH 1ST HIGH VALUE IS 160.00408 ON 04012624: AT (535000.00, 4418000.00, 697.00, 697.00, 0.00) GC CALISMA

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

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 09:13:12

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**MODELOPTs: RegDFAULT CONC DDEP ELEV DRYDPLT WETDPLT

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

GROUP ID		NETWORK DRY DEPO GRID-ID	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE
ESER	1ST HIGHEST VALUE IS	10.74051	AT (535000.00, 4418000.00, 697.00, 697.00, 0.00) GC CALISMA
	2ND HIGHEST VALUE IS	2.18930	AT (534987.00, 4418091.00, 692.00, 692.00, 0.00) DC
	3RD HIGHEST VALUE IS	2.16649	AT (535000.00, 4417500.00, 739.00, 739.00, 0.00) GC CALISMA
	4TH HIGHEST VALUE IS	2.11829	AT (535500.00, 4417500.00, 665.00, 665.00, 0.00) GC CALISMA
	5TH HIGHEST VALUE IS	1.68033	AT (535500.00, 4417000.00, 672.00, 672.00, 0.00) GC CALISMA
	6TH HIGHEST VALUE IS	1.00300	AT (535500.00, 4418000.00, 663.00, 663.00, 0.00) GC CALISMA
	7TH HIGHEST VALUE IS	0.96880	AT (535000.00, 4417000.00, 758.00, 758.00, 0.00) GC CALISMA
	8TH HIGHEST VALUE IS	0.43824	AT (535000.00, 4416500.00, 685.00, 685.00, 0.00) GC CALISMA
	9TH HIGHEST VALUE IS	0.34994	AT (535500.00, 4418500.00, 689.00, 689.00, 0.00) GC CALISMA
	10TH HIGHEST VALUE IS	0.33632	AT (534500.00, 4416500.00, 733.00, 733.00, 0.00) GC CALISMA

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/27/11
                                  ***
                                  ***   09:13:12

 **MODELOPTs: RegDFAULT CONC   DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

                                                *** THE SUMMARY OF
HIGHEST 8-HR RESULTS ***

                                      ** DEPO OF PM10   IN GRAMS/M**2
                              **

                                                    DATE
                                                   NETWORK
GROUP ID   DRY DEPO   (YYMMDDHH)
RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)   OF TYPE GRID-ID
- -
- -

ESER   HIGH 1ST HIGH VALUE IS   0.03161 ON 04041416: AT (
535000.00, 4418000.00,   697.00,   697.00,   0.00) GC CALISMA

```
 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***        09:13:12

                                               PAGE  78
 **MODELOPTs:  RegDFAULT CONC                 DDEP
  ELEV
                                                                  DRYDPLT
  WETDPLT

                                                  *** THE SUMMARY OF
HIGHEST 24-HR RESULTS ***


                                      ** DEPO OF PM10     IN GRAMS/M**2
                              **

                                                    DATE
                                                   NETWORK
GROUP ID                                 DRY DEPO     (YYMMDDHH)
RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

ESER     HIGH  1ST HIGH VALUE IS       0.05792  ON 04070824: AT (
535000.00,  4418000.00,   697.00,   697.00,    0.00)  GC  CALISMA
```

```
 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***        09:13:12

                                               PAGE  79
 **MODELOPTs:  RegDFAULT CONC                 DDEP
  ELEV
                                                                    DRYDPLT
  WETDPLT

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            4 Warning Message(s)
 A Total of           33 Informational Message(s)

 A Total of         8784 Hours Were Processed

 A Total of           33 Calm Hours Identified

 A Total of            0 Missing Hours Identified (  0.00 Percent)

 Met Data File Includes       0.00 Millimeters (     0.000 Inches) of
```

Precipitation

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


    ********   WARNING MESSAGES   ********
 OU W565   313 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   314 PERPLT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   315 PERPST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 MX W496  8785 MAIN  :Total precipitation in SURFFILE is zero (0.0) with
WetDepos

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

```
** BREEZE AERMOD
** Trinity Consultants
** VERSION  7.2

CO STARTING
CO TITLEONE  NO TITLE SPECIFIED
CO MODELOPT  DFAULT  CONC
CO RUNORNOT  RUN
CO AVERTIME  24  ANNUAL
CO POLLUTID  NOX
CO FINISHED

SO STARTING
SO ELEVUNIT  METERS
SO LOCATION  BACA1A    POINT     535249  4417479  680
SO LOCATION  BACA1B    POINT     535283  4417499  680
SO LOCATION  ON.ISIT.  POINT     535127  4417541  680
SO LOCATION  CALIK1    POINT     539763.0  4423247.0  840
SO LOCATION  CALIK2    POINT     539774.0  4423312.0  841
SO LOCATION  CALIK3    POINT     539783.0  4423378.0  840
SO LOCATION  9ZYI9002  VOLUME    530002.6  4419365.4  690
SO LOCATION  9ZYI9003  VOLUME    530022.5  4419350.3  690
SO LOCATION  9ZYI9004  VOLUME    530042.4  4419335.2  690
SO LOCATION  9ZYI9005  VOLUME    530062.3  4419320.1  690
SO LOCATION  9ZYI9006  VOLUME    530082.2  4419305.0  690
SO LOCATION  9ZYI9007  VOLUME    530102.1  4419289.9  690
SO LOCATION  9ZYI9008  VOLUME    530122.1  4419274.8  690
SO LOCATION  9ZYI9009  VOLUME    530142.0  4419259.7  690
SO LOCATION  9ZYI900A  VOLUME    530161.9  4419244.6  690
SO LOCATION  9ZYI900B  VOLUME    530181.8  4419229.5  690
SO LOCATION  9ZYI900C  VOLUME    530201.7  4419214.3  690
SO LOCATION  9ZYI900D  VOLUME    530221.6  4419199.2  690
```

SO	LOCATION	9ZYI900E	VOLUME	530241.6	4419184.1	690
SO	LOCATION	9ZYI900F	VOLUME	530261.5	4419169.0	690
SO	LOCATION	9ZYI900G	VOLUME	530281.4	4419153.9	690
SO	LOCATION	9ZYI900H	VOLUME	530301.3	4419138.8	690
SO	LOCATION	9ZYI900I	VOLUME	530321.2	4419123.7	690
SO	LOCATION	9ZYI900J	VOLUME	530341.2	4419108.6	690
SO	LOCATION	9ZYI900K	VOLUME	530361.1	4419093.5	690
SO	LOCATION	9ZYI900L	VOLUME	530381.0	4419078.4	690
SO	LOCATION	9ZYI900M	VOLUME	530400.9	4419063.3	690
SO	LOCATION	9ZYI900N	VOLUME	530420.8	4419048.1	690
SO	LOCATION	9ZYI900O	VOLUME	530440.7	4419033.0	690
SO	LOCATION	9ZYI900P	VOLUME	530460.7	4419017.9	690
SO	LOCATION	9ZYI900Q	VOLUME	530480.6	4419002.8	690
SO	LOCATION	9ZYI900R	VOLUME	530500.5	4418987.7	690
SO	LOCATION	9ZYI900S	VOLUME	530520.4	4418972.6	690
SO	LOCATION	9ZYI900T	VOLUME	530540.3	4418957.5	690
SO	LOCATION	9ZYI900U	VOLUME	530560.2	4418942.4	690
SO	LOCATION	9ZYI900V	VOLUME	530580.2	4418927.3	690
SO	LOCATION	9ZYI900W	VOLUME	530600.1	4418912.2	690
SO	LOCATION	9ZYI900X	VOLUME	530620.0	4418897.0	690
SO	LOCATION	9ZYI900Y	VOLUME	530639.9	4418881.9	690
SO	LOCATION	9ZYI900Z	VOLUME	530659.8	4418866.8	690
SO	LOCATION	9ZYI9010	VOLUME	530679.7	4418851.7	690
SO	LOCATION	9ZYI9011	VOLUME	530699.7	4418836.6	690
SO	LOCATION	9ZYI9012	VOLUME	530719.6	4418821.5	690
SO	LOCATION	9ZYI9013	VOLUME	530739.5	4418806.4	690
SO	LOCATION	9ZYI9014	VOLUME	530758.7	4418798.9	690
SO	LOCATION	9ZYI9015	VOLUME	530775.5	4418817.5	690
SO	LOCATION	9ZYI9016	VOLUME	530792.2	4418836.0	690
SO	LOCATION	9ZYI9017	VOLUME	530809.0	4418854.6	690
SO	LOCATION	9ZYI9018	VOLUME	530825.7	4418873.1	690
SO	LOCATION	9ZYI9019	VOLUME	530842.5	4418891.7	690

SO	LOCATION	9ZYI901A	VOLUME	530859.2	4418910.2	690
SO	LOCATION	9ZYI901B	VOLUME	530876.0	4418928.8	690
SO	LOCATION	9ZYI901C	VOLUME	530892.8	4418947.3	690
SO	LOCATION	9ZYI901D	VOLUME	530909.5	4418965.9	690
SO	LOCATION	9ZYI901E	VOLUME	530926.3	4418984.4	690
SO	LOCATION	9ZYI901F	VOLUME	530943.0	4419003.0	690
SO	LOCATION	9ZYI901G	VOLUME	530959.8	4419021.5	690
SO	LOCATION	9ZYI901H	VOLUME	530976.6	4419040.1	690
SO	LOCATION	9ZYI901I	VOLUME	530993.3	4419058.6	690
SO	LOCATION	9ZYI901J	VOLUME	531010.1	4419077.2	690
SO	LOCATION	9ZYI901K	VOLUME	531026.8	4419095.7	690
SO	LOCATION	9ZYI901L	VOLUME	531043.6	4419114.3	690
SO	LOCATION	9ZYI901M	VOLUME	531060.3	4419132.8	690
SO	LOCATION	9ZYI901N	VOLUME	531077.1	4419151.4	690
SO	LOCATION	9ZYI901O	VOLUME	531093.9	4419169.9	690
SO	LOCATION	9ZYI901P	VOLUME	531110.6	4419188.5	690
SO	LOCATION	9ZYI901Q	VOLUME	531127.4	4419207.0	690
SO	LOCATION	9ZYI901R	VOLUME	531144.1	4419225.6	690
SO	LOCATION	9ZYI901S	VOLUME	531160.9	4419244.1	690
SO	LOCATION	9ZYI901T	VOLUME	531177.6	4419262.7	690
SO	LOCATION	9ZYI901U	VOLUME	531194.4	4419281.3	690
SO	LOCATION	9ZYI901V	VOLUME	531211.2	4419299.8	690
SO	LOCATION	9ZYI901W	VOLUME	531227.9	4419318.4	690
SO	LOCATION	9ZYI901X	VOLUME	531244.7	4419336.9	690
SO	LOCATION	9ZYI901Y	VOLUME	531261.4	4419355.5	690
SO	LOCATION	9ZYI901Z	VOLUME	531278.2	4419374.0	690
SO	LOCATION	9ZYI9020	VOLUME	531295.0	4419392.6	690
SO	LOCATION	9ZYI9021	VOLUME	531311.7	4419411.1	690
SO	LOCATION	9ZYI9022	VOLUME	531328.5	4419429.7	690
SO	LOCATION	9ZYI9023	VOLUME	531345.2	4419448.2	690
SO	LOCATION	9ZYI9024	VOLUME	531362.0	4419466.8	690
SO	LOCATION	9ZYI9025	VOLUME	531378.7	4419485.3	690

SO LOCATION	9ZYI9026	VOLUME	531395.5	4419503.9	690
SO LOCATION	9ZYI9027	VOLUME	531412.3	4419522.4	690
SO LOCATION	9ZYI9028	VOLUME	531429.0	4419541.0	690
SO LOCATION	9ZYI9029	VOLUME	531445.8	4419559.5	690
SO LOCATION	9ZYI902A	VOLUME	531462.5	4419578.1	690
SO LOCATION	9ZYI902B	VOLUME	531479.3	4419596.6	690
SO LOCATION	9ZYI902C	VOLUME	531498.5	4419608.9	690
SO LOCATION	9ZYI902D	VOLUME	531523.4	4419606.6	690
SO LOCATION	9ZYI902E	VOLUME	531548.3	4419604.3	690
SO LOCATION	9ZYI902F	VOLUME	531573.2	4419602.0	690
SO LOCATION	9ZYI902G	VOLUME	531598.1	4419599.7	690
SO LOCATION	9ZYI902H	VOLUME	531623.0	4419597.3	690
SO LOCATION	9ZYI902I	VOLUME	531647.9	4419595.0	690
SO LOCATION	9ZYI902J	VOLUME	531672.7	4419592.7	690
SO LOCATION	9ZYI902K	VOLUME	531697.6	4419590.4	690
SO LOCATION	9ZYI902L	VOLUME	531722.5	4419588.1	690
SO LOCATION	9ZYI902M	VOLUME	531747.4	4419585.8	690
SO LOCATION	9ZYI902N	VOLUME	531772.3	4419583.5	690
SO LOCATION	9ZYI902O	VOLUME	531797.2	4419581.2	690
SO LOCATION	9ZYI902P	VOLUME	531822.1	4419578.8	690
SO LOCATION	9ZYI902Q	VOLUME	531847.0	4419576.5	690
SO LOCATION	9ZYI902R	VOLUME	531871.9	4419574.2	690
SO LOCATION	9ZYI902S	VOLUME	531896.8	4419571.9	690
SO LOCATION	9ZYI902T	VOLUME	531921.7	4419569.6	690
SO LOCATION	9ZYI902U	VOLUME	531946.6	4419567.3	690
SO LOCATION	9ZYI902V	VOLUME	531971.5	4419565.0	690
SO LOCATION	9ZYI902W	VOLUME	531996.4	4419562.7	690
SO LOCATION	9ZYI902X	VOLUME	532021.2	4419560.3	690
SO LOCATION	9ZYI902Y	VOLUME	532046.1	4419558.0	690
SO LOCATION	9ZYI902Z	VOLUME	532070.6	4419560.9	690
SO LOCATION	9ZYI9030	VOLUME	532094.8	4419567.2	690
SO LOCATION	9ZYI9031	VOLUME	532119.0	4419573.5	690

SO	LOCATION	9ZYI9032	VOLUME	532143.2	4419579.9	690
SO	LOCATION	9ZYI9033	VOLUME	532167.3	4419586.2	690
SO	LOCATION	9ZYI9034	VOLUME	532191.5	4419592.5	690
SO	LOCATION	9ZYI9035	VOLUME	532215.7	4419598.9	690
SO	LOCATION	9ZYI9036	VOLUME	532239.9	4419605.2	690
SO	LOCATION	9ZYI9037	VOLUME	532264.1	4419611.5	690
SO	LOCATION	9ZYI9038	VOLUME	532288.3	4419617.9	690
SO	LOCATION	9ZYI9039	VOLUME	532312.5	4419624.2	690
SO	LOCATION	9ZYI903A	VOLUME	532336.6	4419630.5	690
SO	LOCATION	9ZYI903B	VOLUME	532360.8	4419636.9	690
SO	LOCATION	9ZYI903C	VOLUME	532385.0	4419643.2	690
SO	LOCATION	9ZYI903D	VOLUME	532409.2	4419649.5	690
SO	LOCATION	9ZYI903E	VOLUME	532433.4	4419655.9	690
SO	LOCATION	9ZYI903F	VOLUME	532457.6	4419662.2	690
SO	LOCATION	9ZYI903G	VOLUME	532481.7	4419668.5	690
SO	LOCATION	9ZYI903H	VOLUME	532505.9	4419674.9	690
SO	LOCATION	9ZYI903I	VOLUME	532530.1	4419681.2	690
SO	LOCATION	9ZYI903J	VOLUME	532554.3	4419687.5	690
SO	LOCATION	9ZYI903K	VOLUME	532578.5	4419693.9	690
SO	LOCATION	9ZYI903L	VOLUME	532602.7	4419700.2	690
SO	LOCATION	9ZYI903M	VOLUME	532626.9	4419706.5	690
SO	LOCATION	9ZYI903N	VOLUME	532651.0	4419712.9	690
SO	LOCATION	9ZYI903O	VOLUME	532675.2	4419719.2	690
SO	LOCATION	9ZYI903P	VOLUME	532699.4	4419725.5	690
SO	LOCATION	9ZYI903Q	VOLUME	532723.6	4419731.9	690
SO	LOCATION	9ZYI903R	VOLUME	532747.8	4419738.2	690
SO	LOCATION	9ZYI903S	VOLUME	532772.0	4419744.5	690
SO	LOCATION	9ZYI903T	VOLUME	532796.1	4419750.9	690
SO	LOCATION	9ZYI903U	VOLUME	532820.3	4419757.2	690
SO	LOCATION	9ZYI903V	VOLUME	532844.5	4419763.5	690
SO	LOCATION	9ZYI903W	VOLUME	532868.7	4419769.8	690
SO	LOCATION	9ZYI903X	VOLUME	532892.9	4419776.2	690

SO	LOCATION	9ZYI903Y	VOLUME	532917.1	4419782.5	690
SO	LOCATION	9ZYI903Z	VOLUME	532941.3	4419788.8	690
SO	LOCATION	9ZYI9040	VOLUME	532965.4	4419795.2	690
SO	LOCATION	9ZYI9041	VOLUME	532989.6	4419801.5	690
SO	LOCATION	9ZYI9042	VOLUME	533013.8	4419807.8	690
SO	LOCATION	9ZYI9043	VOLUME	533038.0	4419814.2	690
SO	LOCATION	9ZYI9044	VOLUME	533062.2	4419820.5	690
SO	LOCATION	9ZYI9045	VOLUME	533086.4	4419826.8	690
SO	LOCATION	9ZYI9046	VOLUME	533110.6	4419833.2	690
SO	LOCATION	9ZYI9047	VOLUME	533134.7	4419839.5	690
SO	LOCATION	9ZYI9048	VOLUME	533158.9	4419845.8	690
SO	LOCATION	9ZYI9049	VOLUME	533171.7	4419866.9	690
SO	LOCATION	9ZYI904A	VOLUME	533183.7	4419888.8	690
SO	LOCATION	9ZYI904B	VOLUME	533195.8	4419910.7	690
SO	LOCATION	9ZYI904C	VOLUME	533207.8	4419932.6	690
SO	LOCATION	9ZYI904D	VOLUME	533219.9	4419954.5	690
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SO	LOCATION	9ZYI904F	VOLUME	533244.0	4419998.3	690
SO	LOCATION	9ZYI904G	VOLUME	533256.0	4420020.2	690
SO	LOCATION	9ZYI904H	VOLUME	533268.0	4420042.1	690
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SO	LOCATION	9ZYI904L	VOLUME	533328.0	4420104.7	690
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SO	LOCATION	9ZYI904O	VOLUME	533401.7	4420090.8	690
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SO	LOCATION	9ZYI904Q	VOLUME	533450.8	4420081.5	690
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SO	LOCATION	9ZYI904U	VOLUME	533549.1	4420062.9	690
SO	LOCATION	9ZYI904V	VOLUME	533573.7	4420058.3	690
SO	LOCATION	9ZYI904W	VOLUME	533598.2	4420053.6	690
SO	LOCATION	9ZYI904X	VOLUME	533622.8	4420049.0	690
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SO	LOCATION	9ZYI9055	VOLUME	533808.8	4420039.6	690
SO	LOCATION	9ZYI9056	VOLUME	533824.1	4420059.4	690
SO	LOCATION	9ZYI9057	VOLUME	533839.5	4420079.1	690
SO	LOCATION	9ZYI9058	VOLUME	533854.8	4420098.8	690
SO	LOCATION	9ZYI9059	VOLUME	533870.1	4420118.6	690
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SO	LOCATION	9ZYI90BZ	VOLUME	537059.6	4418354.8	710

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SO	LOCATION	9ZYI90J9	VOLUME	539598.9	4412968.4	775
SO	LOCATION	9ZYI90JA	VOLUME	539623.8	4412966.1	775
SO	LOCATION	9ZYI90JB	VOLUME	539648.7	4412963.8	775
SO	LOCATION	9ZYI90JC	VOLUME	539673.6	4412961.5	775
SO	LOCATION	9ZYI90JD	VOLUME	539698.5	4412959.2	775
SO	LOCATION	9ZYI90JE	VOLUME	539723.4	4412957.0	775
SO	LOCATION	9ZYI90JF	VOLUME	539748.3	4412954.7	775
SO	LOCATION	9ZYI90JG	VOLUME	539773.2	4412952.4	775
SO	LOCATION	9ZYI90JH	VOLUME	539798.1	4412950.1	775
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SO SRCPARAM  9ZYI9OIO  0.00946988  2  11.62791  1.860465
SO SRCPARAM  9ZYI9OIP  0.00946988  2  11.62791  1.860465
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SO SRCPARAM  9ZYI9OJN  0.0262069  2  11.62791  1.860465
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SO SRCPARAM  9ZYI9OKI  0.0262069  2  11.62791  1.860465
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SO SRCGROUP  2ALT  BACA1A  BACA1B  ON.ISIT.
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9ZYI901E
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9ZYI901W
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9ZYI9022
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9ZYI902E
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9ZYI902W
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9ZYI9032
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9ZYI904K
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9ZYI906Q
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9ZYI90E4
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9ZYI90EA
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9ZYI90IX
SO SRCGROUP  YOL  9ZYI90IY  9ZYI90IZ  9ZYI90J0  9ZYI90J1  9ZYI90J2
9ZYI90J3
SO SRCGROUP  YOL  9ZYI90J4  9ZYI90J5  9ZYI90J8  9ZYI90J9  9ZYI90JA
9ZYI90JB
SO SRCGROUP  YOL  9ZYI90JC  9ZYI90JD  9ZYI90JE  9ZYI90JF  9ZYI90JG
9ZYI90JH
SO SRCGROUP  YOL  9ZYI90JI  9ZYI90JJ  9ZYI90JK  9ZYI90JL  9ZYI90JM
9ZYI90JN
SO SRCGROUP  YOL  9ZYI90JO  9ZYI90JP  9ZYI90JQ  9ZYI90JR  9ZYI90JS
9ZYI90JT
SO SRCGROUP  YOL  9ZYI90JU  9ZYI90JV  9ZYI90JW  9ZYI90JX  9ZYI90JY
9ZYI90JZ
SO SRCGROUP  YOL  9ZYI90K0  9ZYI90K1  9ZYI90K2  9ZYI90K3  9ZYI90K4
9ZYI90K5
SO SRCGROUP  YOL  9ZYI90K6  9ZYI90K7  9ZYI90K8  9ZYI90K9  9ZYI90KA
9ZYI90KB
SO SRCGROUP  YOL  9ZYI90KC  9ZYI90KD  9ZYI90KE  9ZYI90KF  9ZYI90KG
9ZYI90KH
SO SRCGROUP  YOL  9ZYI90KI  9ZYI90KJ  9ZYI90KK  9ZYI90KL  9ZYI90KM
9ZYI90KN
SO SRCGROUP  YOL  9ZYI90KO  9ZYI90KP  9ZYI90KQ  9ZYI90KR  9ZYI90KS
9ZYI90KT
SO FINISHED
```

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RE STARTING
RE ELEVUNIT  METERS
RE GRIDCART PALZF000 STA
** GRDDESCR  calısma alanı
RE GRIDCART PALZF000 XYINC  528000  31  500  4410000  31  500
RE GRIDCART PALZF000 ELEV  1  813  937  963  1067  1033  940  902  853
830  838
RE GRIDCART PALZF000 ELEV  1  902  933  884  863  855  815  777  756
719  761
RE GRIDCART PALZF000 ELEV  1  736  734  705  680  677  679  710  745
738  732
RE GRIDCART PALZF000 ELEV  1  710
RE GRIDCART PALZF000 ELEV  2  765  818  872  970  953  951  920  863
822  855
RE GRIDCART PALZF000 ELEV  2  835  877  909  840  817  802  768  772
717  693
RE GRIDCART PALZF000 ELEV  2  697  683  680  680  685  697  703  742
753  740
RE GRIDCART PALZF000 ELEV  2  727
RE GRIDCART PALZF000 ELEV  3  868  793  857  887  877  954  908  881
874  799
RE GRIDCART PALZF000 ELEV  3  802  808  867  856  791  858  767  795
688  676
RE GRIDCART PALZF000 ELEV  3  680  687  708  706  737  740  741  732
775  753
RE GRIDCART PALZF000 ELEV  3  745
RE GRIDCART PALZF000 ELEV  4  909  790  778  785  863  940  937  921
871  818
RE GRIDCART PALZF000 ELEV  4  801  765  794  833  776  730  747  717
670  681
RE GRIDCART PALZF000 ELEV  4  694  704  718  718  735  775  792  746
779  766
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RE GRIDCART PALZF000 ELEV  4  754
RE GRIDCART PALZF000 ELEV  5  928  806  800  749  818  922  978  969
929  855
RE GRIDCART PALZF000 ELEV  5  806  770  742  728  728  710  744  674
689  701
RE GRIDCART PALZF000 ELEV  5  713  716  728  742  751  771  779  752
774  779
RE GRIDCART PALZF000 ELEV  5  773
RE GRIDCART PALZF000 ELEV  6  947  852  852  750  766  861  923  981
905  857
RE GRIDCART PALZF000 ELEV  6  817  790  780  750  740  703  683  677
708  722
RE GRIDCART PALZF000 ELEV  6  751  748  738  750  743  791  792  774
781  798
RE GRIDCART PALZF000 ELEV  6  797
RE GRIDCART PALZF000 ELEV  7  906  920  869  828  742  811  928  959
939  912
RE GRIDCART PALZF000 ELEV  7  852  823  806  742  722  692  875  696
769  756
RE GRIDCART PALZF000 ELEV  7  779  780  763  763  764  773  780  799
812  824
RE GRIDCART PALZF000 ELEV  7  835
RE GRIDCART PALZF000 ELEV  8  905  897  849  823  736  764  846  899
1007  977
RE GRIDCART PALZF000 ELEV  8  921  874  780  726  706  677  681  741
771  798
RE GRIDCART PALZF000 ELEV  8  765  766  770  778  778  790  806  820
851  853
RE GRIDCART PALZF000 ELEV  8  883
RE GRIDCART PALZF000 ELEV  9  875  953  879  797  754  745  806  872
972  976
RE GRIDCART PALZF000 ELEV  9  900  871  778  764  694  671  713  742
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777  802
RE GRIDCART PALZF000 ELEV  9  759  762  779  788  799  796  846  856
896  892
RE GRIDCART PALZF000 ELEV  9  916
RE GRIDCART PALZF000 ELEV  10  830  892  883  843  745  736  797  893
961  941
RE GRIDCART PALZF000 ELEV  10  868  797  766  767  701  668  690  704
716  733
RE GRIDCART PALZF000 ELEV  10  750  789  799  816  849  825  840  934
947  931
RE GRIDCART PALZF000 ELEV  10  978
RE GRIDCART PALZF000 ELEV  11  842  803  800  782  762  724  801  859
951  1001
RE GRIDCART PALZF000 ELEV  11  900  811  769  740  696  669  685  709
722  746
RE GRIDCART PALZF000 ELEV  11  765  800  835  880  871  857  845  893
945  981
RE GRIDCART PALZF000 ELEV  11  1001
RE GRIDCART PALZF000 ELEV  12  793  854  789  779  742  726  810  902
981  1013
RE GRIDCART PALZF000 ELEV  12  945  847  749  712  673  667  731  712
762  774
RE GRIDCART PALZF000 ELEV  12  783  856  934  920  909  919  868  889
1000
RE GRIDCART PALZF000 ELEV  12  1038  1054
RE GRIDCART PALZF000 ELEV  13  776  786  784  781  763  719  774  880
958  1014
RE GRIDCART PALZF000 ELEV  13  918  855  774  688  666  712  724  713
759  799
RE GRIDCART PALZF000 ELEV  13  823  847  940  937  982  966  919  943
919  1047
RE GRIDCART PALZF000 ELEV  13  1084
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RE GRIDCART PALZF000 ELEV  14  767  752  751  746  732  716  803  870
950  1000
RE GRIDCART PALZF000 ELEV  14  1008  934  815  733  685  665  676  701
753  816
RE GRIDCART PALZF000 ELEV  14  839  915  986  981  1047  975  998  987
951  968
RE GRIDCART PALZF000 ELEV  14  997
RE GRIDCART PALZF000 ELEV  15  771  752  740  729  717  711  807  902
897  960
RE GRIDCART PALZF000 ELEV  15  1014  961  815  822  758  672  667  691
745  801
RE GRIDCART PALZF000 ELEV  15  804  878  854  915  1009  999  1047  967
1027
RE GRIDCART PALZF000 ELEV  15  968  999
RE GRIDCART PALZF000 ELEV  16  755  739  731  723  709  707  774  814
903  929
RE GRIDCART PALZF000 ELEV  16  980  930  894  816  739  665  704  730
728  761
RE GRIDCART PALZF000 ELEV  16  782  857  810  845  905  933  973  1023
1022
RE GRIDCART PALZF000 ELEV  16  1017  984
RE GRIDCART PALZF000 ELEV  17  772  743  729  717  709  704  729  799
862  891
RE GRIDCART PALZF000 ELEV  17  946  914  812  758  697  663  694  732
706  751
RE GRIDCART PALZF000 ELEV  17  759  799  789  840  876  890  930  1022
1048
RE GRIDCART PALZF000 ELEV  17  1069  1051
RE GRIDCART PALZF000 ELEV  18  771  744  725  724  712  703  700  843
872  834
RE GRIDCART PALZF000 ELEV  18  859  866  829  757  732  689  667  674
694  730
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RE GRIDCART PALZF000 ELEV  18  766  780  787  828  846  867  896  971
1096
RE GRIDCART PALZF000 ELEV  18  1068  1110
RE GRIDCART PALZF000 ELEV  19  770  737  730  719  717  711  699  724
804  764
RE GRIDCART PALZF000 ELEV  19  845  829  770  816  786  749  668  670
685  740
RE GRIDCART PALZF000 ELEV  19  789  803  801  821  832  843  857  918
1025
RE GRIDCART PALZF000 ELEV  19  1048  1060
RE GRIDCART PALZF000 ELEV  20  776  741  733  727  735  733  702  701
695  704
RE GRIDCART PALZF000 ELEV  20  743  780  733  783  801  809  721  673
679  713
RE GRIDCART PALZF000 ELEV  20  788  778  783  817  808  826  873  982
959  958
RE GRIDCART PALZF000 ELEV  20  985
RE GRIDCART PALZF000 ELEV  21  771  739  738  742  753  760  729  725
780  730
RE GRIDCART PALZF000 ELEV  21  687  708  697  774  762  772  682  666
686  689
RE GRIDCART PALZF000 ELEV  21  735  741  766  791  786  818  855  936
1074
RE GRIDCART PALZF000 ELEV  21  1024  1042
RE GRIDCART PALZF000 ELEV  22  754  745  747  753  767  806  757  736
796  808
RE GRIDCART PALZF000 ELEV  22  725  682  675  735  779  701  663  679
700  712
RE GRIDCART PALZF000 ELEV  22  711  732  765  757  772  802  840  932
1047
RE GRIDCART PALZF000 ELEV  22  1080  1086
RE GRIDCART PALZF000 ELEV  23  755  759  762  767  777  807  774  752
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828  776
RE GRIDCART PALZF000 ELEV  23  725  714  672  694  762  661  674  717
712  705
RE GRIDCART PALZF000 ELEV  23  711  740  747  746  761  780  809  876
976  1068
RE GRIDCART PALZF000 ELEV  23  1124
RE GRIDCART PALZF000 ELEV  24  763  775  785  790  794  848  799  778
829  833
RE GRIDCART PALZF000 ELEV  24  768  734  694  677  665  662  735  764
751  729
RE GRIDCART PALZF000 ELEV  24  726  720  728  735  742  750  780  816
865  907
RE GRIDCART PALZF000 ELEV  24  1051
RE GRIDCART PALZF000 ELEV  25  794  789  812  817  810  877  832  815
811  869
RE GRIDCART PALZF000 ELEV  25  794  731  739  697  696  659  725  738
772  744
RE GRIDCART PALZF000 ELEV  25  751  740  767  767  762  765  774  772
822  872
RE GRIDCART PALZF000 ELEV  25  989
RE GRIDCART PALZF000 ELEV  26  813  813  843  847  827  904  893  884
845  863
RE GRIDCART PALZF000 ELEV  26  822  783  782  726  685  667  670  686
723  753
RE GRIDCART PALZF000 ELEV  26  777  775  776  792  789  784  800  793
793  825
RE GRIDCART PALZF000 ELEV  26  777
RE GRIDCART PALZF000 ELEV  27  847  848  862  880  845  925  970  959
883  884
RE GRIDCART PALZF000 ELEV  27  860  827  757  736  700  710  657  656
682  739
RE GRIDCART PALZF000 ELEV  27  833  820  815  812  826  814  810  817
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811  805
RE GRIDCART PALZF000 ELEV  27  845
RE GRIDCART PALZF000 ELEV  28  918  927  907  907  864  945  1016  983
943  913
RE GRIDCART PALZF000 ELEV  28  903  833  756  753  712  736  721  662
663  729
RE GRIDCART PALZF000 ELEV  28  838  881  826  817  861  860  845  843
846  859
RE GRIDCART PALZF000 ELEV  28  823
RE GRIDCART PALZF000 ELEV  29  970  998  952  928  895  952  1031  1037
991
RE GRIDCART PALZF000 ELEV  29  936  949  873  797  760  745  755  737
712  663
RE GRIDCART PALZF000 ELEV  29  699  823  799  800  798  814  833  897
880  876
RE GRIDCART PALZF000 ELEV  29  861  854
RE GRIDCART PALZF000 ELEV  30  1033  1040  980  945  930  927  1024
1057  1013
RE GRIDCART PALZF000 ELEV  30  977  978  878  812  786  798  775  714
680  658
RE GRIDCART PALZF000 ELEV  30  718  810  763  777  770  785  813  851
955  914
RE GRIDCART PALZF000 ELEV  30  901  887
RE GRIDCART PALZF000 ELEV  31  1098  1080  1013  1027  990  961  992
1100  1060
RE GRIDCART PALZF000 ELEV  31  1100  1013  942  870  807  829  756  726
676
RE GRIDCART PALZF000 ELEV  31  671  810  759  731  738  751  770  796
835  884
RE GRIDCART PALZF000 ELEV  31  992  962  931
RE GRIDCART PALZF000 HILL  1  813  937  963  1067  1033  940  902  853
830  838
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RE GRIDCART PALZF000 HILL  1  902  933  884  863  855  815  777  756
719  761
RE GRIDCART PALZF000 HILL  1  736  734  705  680  677  679  710  745
738  732
RE GRIDCART PALZF000 HILL  1  710
RE GRIDCART PALZF000 HILL  2  765  818  872  970  953  951  920  863
822  855
RE GRIDCART PALZF000 HILL  2  835  877  909  840  817  802  768  772
717  693
RE GRIDCART PALZF000 HILL  2  697  683  680  680  685  697  703  742
753  740
RE GRIDCART PALZF000 HILL  2  727
RE GRIDCART PALZF000 HILL  3  868  793  857  887  877  954  908  881
874  799
RE GRIDCART PALZF000 HILL  3  802  808  867  856  791  858  767  795
688  676
RE GRIDCART PALZF000 HILL  3  680  687  708  706  737  740  741  732
775  753
RE GRIDCART PALZF000 HILL  3  745
RE GRIDCART PALZF000 HILL  4  909  790  778  785  863  940  937  921
871  818
RE GRIDCART PALZF000 HILL  4  801  765  794  833  776  730  747  717
670  681
RE GRIDCART PALZF000 HILL  4  694  704  718  718  735  775  792  746
779  766
RE GRIDCART PALZF000 HILL  4  754
RE GRIDCART PALZF000 HILL  5  928  806  800  749  818  922  978  969
929  855
RE GRIDCART PALZF000 HILL  5  806  770  742  728  728  710  744  674
689  701
RE GRIDCART PALZF000 HILL  5  713  716  728  742  751  771  779  752
774  779
```

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RE GRIDCART PALZF000 HILL  5  773
RE GRIDCART PALZF000 HILL  6  947  852  852  750  766  861  923  981
905  857
RE GRIDCART PALZF000 HILL  6  817  790  780  750  740  703  683  677
708  722
RE GRIDCART PALZF000 HILL  6  751  748  738  750  743  791  792  774
781  798
RE GRIDCART PALZF000 HILL  6  797
RE GRIDCART PALZF000 HILL  7  906  920  869  828  742  811  928  959
939  912
RE GRIDCART PALZF000 HILL  7  852  823  806  742  722  692  875  696
769  756
RE GRIDCART PALZF000 HILL  7  779  780  763  763  764  773  780  799
812  824
RE GRIDCART PALZF000 HILL  7  835
RE GRIDCART PALZF000 HILL  8  905  897  849  823  736  764  846  899
1007  977
RE GRIDCART PALZF000 HILL  8  921  874  780  726  706  677  681  741
771  798
RE GRIDCART PALZF000 HILL  8  765  766  770  778  778  790  806  820
851  853
RE GRIDCART PALZF000 HILL  8  883
RE GRIDCART PALZF000 HILL  9  875  953  879  797  754  745  806  872
972  976
RE GRIDCART PALZF000 HILL  9  900  871  778  764  694  671  713  742
777  802
RE GRIDCART PALZF000 HILL  9  759  762  779  788  799  796  846  856
896  892
RE GRIDCART PALZF000 HILL  9  916
RE GRIDCART PALZF000 HILL  10  830  892  883  843  745  736  797  893
961  941
RE GRIDCART PALZF000 HILL  10  868  797  766  767  701  668  690  704
```

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716  733
RE GRIDCART PALZF000 HILL  10  750  789  799  816  849  825  840  934
947  931
RE GRIDCART PALZF000 HILL  10  978
RE GRIDCART PALZF000 HILL  11  842  803  800  782  762  724  801  859
951  1001
RE GRIDCART PALZF000 HILL  11  900  811  769  740  696  669  685  709
722  746
RE GRIDCART PALZF000 HILL  11  765  800  835  880  871  857  845  893
945  981
RE GRIDCART PALZF000 HILL  11  1001
RE GRIDCART PALZF000 HILL  12  793  854  789  779  742  726  810  902
981  1013
RE GRIDCART PALZF000 HILL  12  945  847  749  712  673  667  731  712
762  774
RE GRIDCART PALZF000 HILL  12  783  856  934  920  909  919  868  889
1000
RE GRIDCART PALZF000 HILL  12  1038  1054
RE GRIDCART PALZF000 HILL  13  776  786  784  781  763  719  774  880
958  1014
RE GRIDCART PALZF000 HILL  13  918  855  774  688  666  712  724  713
759  799
RE GRIDCART PALZF000 HILL  13  823  847  940  937  982  966  919  943
919  1047
RE GRIDCART PALZF000 HILL  13  1084
RE GRIDCART PALZF000 HILL  14  767  752  751  746  732  716  803  870
950  1000
RE GRIDCART PALZF000 HILL  14  1008  934  815  733  685  665  676  701
753  816
RE GRIDCART PALZF000 HILL  14  839  915  986  981  1047  975  998  987
951  968
RE GRIDCART PALZF000 HILL  14  997
```

```
RE GRIDCART PALZF000 HILL  15  771  752  740  729  717  711  807  902
897  960
RE GRIDCART PALZF000 HILL  15  1014  961  815  822  758  672  667  691
745  801
RE GRIDCART PALZF000 HILL  15  804  878  854  915  1009  999  1047  967
1027
RE GRIDCART PALZF000 HILL  15  968  999
RE GRIDCART PALZF000 HILL  16  755  739  731  723  709  707  774  814
903  929
RE GRIDCART PALZF000 HILL  16  980  930  894  816  739  665  704  730
728  761
RE GRIDCART PALZF000 HILL  16  782  857  810  845  905  933  973  1023
1022
RE GRIDCART PALZF000 HILL  16  1017  984
RE GRIDCART PALZF000 HILL  17  772  743  729  717  709  704  729  799
862  891
RE GRIDCART PALZF000 HILL  17  946  914  812  758  697  663  694  732
706  751
RE GRIDCART PALZF000 HILL  17  759  799  789  840  876  890  930  1022
1048
RE GRIDCART PALZF000 HILL  17  1069  1051
RE GRIDCART PALZF000 HILL  18  771  744  725  724  712  703  700  843
872  834
RE GRIDCART PALZF000 HILL  18  859  866  829  757  732  689  667  674
694  730
RE GRIDCART PALZF000 HILL  18  766  780  787  828  846  867  896  971
1096
RE GRIDCART PALZF000 HILL  18  1068  1110
RE GRIDCART PALZF000 HILL  19  770  737  730  719  717  711  699  724
804  764
RE GRIDCART PALZF000 HILL  19  845  829  770  816  786  749  668  670
685  740
```

```
RE GRIDCART PALZF000 HILL  19  789  803  801  821  832  843  857  918
1025
RE GRIDCART PALZF000 HILL  19  1048  1060
RE GRIDCART PALZF000 HILL  20  776  741  733  727  735  733  702  701
695  704
RE GRIDCART PALZF000 HILL  20  743  780  733  783  801  809  721  673
679  713
RE GRIDCART PALZF000 HILL  20  788  778  783  817  808  826  873  982
959  958
RE GRIDCART PALZF000 HILL  20  985
RE GRIDCART PALZF000 HILL  21  771  739  738  742  753  760  729  725
780  730
RE GRIDCART PALZF000 HILL  21  687  708  697  774  762  772  682  666
686  689
RE GRIDCART PALZF000 HILL  21  735  741  766  791  786  818  855  936
1074
RE GRIDCART PALZF000 HILL  21  1024  1042
RE GRIDCART PALZF000 HILL  22  754  745  747  753  767  806  757  736
796  808
RE GRIDCART PALZF000 HILL  22  725  682  675  735  779  701  663  679
700  712
RE GRIDCART PALZF000 HILL  22  711  732  765  757  772  802  840  932
1047
RE GRIDCART PALZF000 HILL  22  1080  1086
RE GRIDCART PALZF000 HILL  23  755  759  762  767  777  807  774  752
828  776
RE GRIDCART PALZF000 HILL  23  725  714  672  694  762  661  674  717
712  705
RE GRIDCART PALZF000 HILL  23  711  740  747  746  761  780  809  876
976  1068
RE GRIDCART PALZF000 HILL  23  1124
RE GRIDCART PALZF000 HILL  24  763  775  785  790  794  848  799  778
```

```
829  833
RE GRIDCART PALZF000 HILL  24  768  734  694  677  665  662  735  764
751  729
RE GRIDCART PALZF000 HILL  24  726  720  728  735  742  750  780  816
865  907
RE GRIDCART PALZF000 HILL  24  1051
RE GRIDCART PALZF000 HILL  25  794  789  812  817  810  877  832  815
811  869
RE GRIDCART PALZF000 HILL  25  794  731  739  697  696  659  725  738
772  744
RE GRIDCART PALZF000 HILL  25  751  740  767  767  762  765  774  772
822  872
RE GRIDCART PALZF000 HILL  25  989
RE GRIDCART PALZF000 HILL  26  813  813  843  847  827  904  893  884
845  863
RE GRIDCART PALZF000 HILL  26  822  783  782  726  685  667  670  686
723  753
RE GRIDCART PALZF000 HILL  26  777  775  776  792  789  784  800  793
793  825
RE GRIDCART PALZF000 HILL  26  777
RE GRIDCART PALZF000 HILL  27  847  848  862  880  845  925  970  959
883  884
RE GRIDCART PALZF000 HILL  27  860  827  757  736  700  710  657  656
682  739
RE GRIDCART PALZF000 HILL  27  833  820  815  812  826  814  810  817
811  805
RE GRIDCART PALZF000 HILL  27  845
RE GRIDCART PALZF000 HILL  28  918  927  907  907  864  945  1016  983
943  913
RE GRIDCART PALZF000 HILL  28  903  833  756  753  712  736  721  662
663  729
RE GRIDCART PALZF000 HILL  28  838  881  826  817  861  860  845  843
```

```
846  859
RE GRIDCART PALZF000 HILL  28  823
RE GRIDCART PALZF000 HILL  29  970  998  952  928  895  952  1031  1037
991
RE GRIDCART PALZF000 HILL  29  936  949  873  797  760  745  755  737
712  663
RE GRIDCART PALZF000 HILL  29  699  823  799  800  798  814  833  897
880  876
RE GRIDCART PALZF000 HILL  29  861  854
RE GRIDCART PALZF000 HILL  30  1033  1040  980  945  930  927  1024
1057  1013
RE GRIDCART PALZF000 HILL  30  977  978  878  812  786  798  775  714
680  658
RE GRIDCART PALZF000 HILL  30  718  810  763  777  770  785  813  851
955  914
RE GRIDCART PALZF000 HILL  30  901  887
RE GRIDCART PALZF000 HILL  31  1098  1080  1013  1027  990  961  992
1100  1060
RE GRIDCART PALZF000 HILL  31  1100  1013  942  870  807  829  756  726
676
RE GRIDCART PALZF000 HILL  31  671  810  759  731  738  751  770  796
835  884
RE GRIDCART PALZF000 HILL  31  992  962  931
RE GRIDCART PALZF000 END
RE DISCCART  537268  4419321  708  708
** RCPDESCR  Hacıbalı
RE DISCCART  533288  4420664  702  702
** RCPDESCR  Irmak
RE DISCCART  530873  4418253  707  707
** RCPDESCR  Irmak-KGA-SSW
RE DISCCART  532253  4419045  772  772
** RCPDESCR  Irmak-KGA-SW
```

```
RE DISCCART  534268  4421987  720  720
** RCPDESCR  Irmak-KGA-NE
RE DISCCART  536366  4419557  688  688
** RCPDESCR  Toplu Konut
RE DISCCART  534987  4418091  692  692
** RCPDESCR  Tarla Evi
RE DISCCART  530614  4415312  729  729
** RCPDESCR  Kılıçlar
RE DISCCART  538946  4413223  762  762
** RCPDESCR  Yahşihan
RE DISCCART  541693  4411996  758  758
** RCPDESCR  Kırıkkale
RE FINISHED

ME STARTING
ME SURFFILE  "C:\idk.nox\o.VERIM.SFC"
** SURFFILE  "C:\idk.nox\o.VERIM.SFC"
ME PROFFILE  "C:\idk.nox\o.VERIM.PFL"
** PROFFILE  "C:\idk.nox\o.VERIM.PFL"
ME SURFDATA  00017135  2004
ME UAIRDATA  00017130  2004
ME PROFBASE  750
ME FINISHED

OU STARTING
OU RECTABLE  24  FIRST
OU FILEFORM FIX
OU MAXTABLE  24  500
OU PLOTFILE  24  1ALT  FIRST  1ALT`24`FIRST.plt  10000
OU PLOTFILE  24  2ALT  FIRST  2ALT`24`FIRST.plt  10001
OU PLOTFILE  24  3ALT-KUM  FIRST  3ALT-KUM`24`FIRST.plt  10002
OU PLOTFILE  24  YOL-KUM  FIRST  YOL-KUM`24`FIRST.plt  10003
```

```
OU PLOTFILE  24  YOL  FIRST  YOL`24`FIRST.plt  10004
OU PLOTFILE  ANNUAL  1ALT  1ALT`ANNUAL.plt  10005
OU PLOTFILE  ANNUAL  2ALT  2ALT`ANNUAL.plt  10006
OU PLOTFILE  ANNUAL  3ALT-KUM  3ALT-KUM`ANNUAL.plt  10007
OU PLOTFILE  ANNUAL  YOL-KUM  YOL-KUM`ANNUAL.plt  10008
OU PLOTFILE  ANNUAL  YOL  YOL`ANNUAL.plt  10009
OU POSTFILE  24  1ALT  UNFORM  1ALT`24.bin  10010
OU POSTFILE  24  2ALT  UNFORM  2ALT`24.bin  10011
OU POSTFILE  24  3ALT-KUM  UNFORM  3ALT-KUM`24.bin  10012
OU POSTFILE  24  YOL-KUM  UNFORM  YOL-KUM`24.bin  10013
OU POSTFILE  24  YOL  UNFORM  YOL`24.bin  10014
OU POSTFILE  ANNUAL  1ALT  UNFORM  1ALT`ANNUAL.bin  10015
OU POSTFILE  ANNUAL  2ALT  UNFORM  2ALT`ANNUAL.bin  10016
OU POSTFILE  ANNUAL  3ALT-KUM  UNFORM  3ALT-KUM`ANNUAL.bin  10017
OU POSTFILE  ANNUAL  YOL-KUM  UNFORM  YOL-KUM`ANNUAL.bin  10018
OU POSTFILE  ANNUAL  YOL  UNFORM  YOL`ANNUAL.bin  10019
OU FINISHED


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of           20 Warning Message(s)
 A Total of            0 Informational Message(s)


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

******** WARNING MESSAGES ********

OU W565 2059 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 2060 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 2061 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 2062 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 2063 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 2064 PERPLT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 2065 PERPLT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 2066 PERPLT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 2067 PERPLT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 2068 PERPLT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 2069 OUPOST:Possible Conflict With Dynamically Allocated FUNIT POSTFILE
OU W565 2070 OUPOST:Possible Conflict With Dynamically Allocated FUNIT POSTFILE
OU W565 2071 OUPOST:Possible Conflict With Dynamically Allocated FUNIT POSTFILE
OU W565 2072 OUPOST:Possible Conflict With Dynamically Allocated FUNIT POSTFILE
OU W565 2073 OUPOST:Possible Conflict With Dynamically Allocated FUNIT POSTFILE
OU W565 2074 PERPST:Possible Conflict With Dynamically Allocated FUNIT

```
POSTFILE
 OU W565  2075 PERPST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565  2076 PERPST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565  2077 PERPST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565  2078 PERPST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE

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

  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                     ***        10/26/11
                                    ***
                                    ***        14:35:06

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 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                                ***     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.

 **Model Assumes No FLAGPOLE Receptor Heights.

 **Model Calculates  1 Short Term Average(s) of:  24-HR
    and Calculates ANNUAL Averages

 **This Run Includes:    750 Source(s);       5 Source Group(s); and
971 Receptor(s)

 **The Model Assumes A Pollutant Type of:  NOX

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

 **Output Options Selected:
         Model Outputs Tables of ANNUAL Averages by Receptor
         Model Outputs Tables of Highest Short Term Values by Receptor
(RECTABLE Keyword)
         Model Outputs Tables of Overall Maximum Short Term Values
```

```
(MAXTABLE Keyword)
          Model Outputs External File(s) of Concurrent Values for
Postprocessing (POSTFILE Keyword)
          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) =   750.00 ;
 Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC
   ;  Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3


 **Approximate Storage Requirements of Model =      4.2 MB of RAM.

  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
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 **MODELOPTs:  RegDFAULT CONC
  ELEV
```

*** POINT SOURCE DATA ***

STACK SOURCE ID	STACK PART. CATS.	NUMBER EMISSION RATE (GRAMS/SEC)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)
BACA1A	0	0.28130E+02	NO	NO	535249.0	4417479.0	680.0	75.00	360.15	31.20	5.50
BACA1B	0	0.28130E+02	NO	NO	535283.0	4417499.0	680.0	75.00	360.15	31.20	5.50
ON.ISIT.	0	0.60000E-01	NO	NO	535127.0	4417541.0	680.0	15.00	453.15	5.00	0.75
CALIK1	0	0.15320E+02	NO	NO	539763.0	4423247.0	840.0	80.00	365.49	18.85	7.00
CALIK2	0	0.15320E+02	NO	NO	539774.0	4423312.0	841.0	80.00	365.49	18.85	7.00
CALIK3	0	0.15320E+02	NO	NO	539783.0	4423378.0	840.0	80.00	365.49	18.85	7.00

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**MODELOPTs: RegDFAULT CONC
 ELEV

*** 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 SCALAR VARY BY
9ZYI9002	0	0.14096E-01	530002.6	4419365.4	690.0	2.00	11.63	1.86	NO
9ZYI9003	0	0.14096E-01	530022.5	4419350.3	690.0	2.00	11.63	1.86	NO
9ZYI9004	0	0.14096E-01	530042.4	4419335.2	690.0	2.00	11.63	1.86	NO
9ZYI9005	0	0.14096E-01	530062.3	4419320.1	690.0	2.00	11.63	1.86	NO
9ZYI9006	0	0.14096E-01	530082.2	4419305.0	690.0	2.00	11.63	1.86	NO
9ZYI9007	0	0.14096E-01	530102.1	4419289.9	690.0	2.00	11.63	1.86	NO
9ZYI9008	0	0.14096E-01	530122.1	4419274.8	690.0	2.00	11.63	1.86	NO

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   9ZYI9009      0   0.14096E-01  530142.0 4419259.7   690.0     2.00
11.63     1.86     NO
   9ZYI900A      0   0.14096E-01  530161.9 4419244.6   690.0     2.00
11.63     1.86     NO
   9ZYI900B      0   0.14096E-01  530181.8 4419229.5   690.0     2.00
11.63     1.86     NO
   9ZYI900C      0   0.14096E-01  530201.7 4419214.3   690.0     2.00
11.63     1.86     NO
   9ZYI900D      0   0.14096E-01  530221.6 4419199.2   690.0     2.00
11.63     1.86     NO
   9ZYI900E      0   0.14096E-01  530241.6 4419184.1   690.0     2.00
11.63     1.86     NO
   9ZYI900F      0   0.14096E-01  530261.5 4419169.0   690.0     2.00
11.63     1.86     NO
   9ZYI900G      0   0.14096E-01  530281.4 4419153.9   690.0     2.00
11.63     1.86     NO
   9ZYI900H      0   0.14096E-01  530301.3 4419138.8   690.0     2.00
11.63     1.86     NO
   9ZYI900I      0   0.14096E-01  530321.2 4419123.7   690.0     2.00
11.63     1.86     NO
   9ZYI900J      0   0.14096E-01  530341.2 4419108.6   690.0     2.00
11.63     1.86     NO
   9ZYI900K      0   0.14096E-01  530361.1 4419093.5   690.0     2.00
11.63     1.86     NO
   9ZYI900L      0   0.14096E-01  530381.0 4419078.4   690.0     2.00
11.63     1.86     NO
   9ZYI900M      0   0.14096E-01  530400.9 4419063.3   690.0     2.00
11.63     1.86     NO
   9ZYI900N      0   0.14096E-01  530420.8 4419048.1   690.0     2.00
11.63     1.86     NO
   9ZYI900O      0   0.14096E-01  530440.7 4419033.0   690.0     2.00
11.63     1.86     NO
```

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   9ZYI900P      0   0.14096E-01  530460.7 4419017.9   690.0     2.00
11.63     1.86     NO
   9ZYI900Q      0   0.14096E-01  530480.6 4419002.8   690.0     2.00
11.63     1.86     NO
   9ZYI900R      0   0.14096E-01  530500.5 4418987.7   690.0     2.00
11.63     1.86     NO
   9ZYI900S      0   0.14096E-01  530520.4 4418972.6   690.0     2.00
11.63     1.86     NO
   9ZYI900T      0   0.14096E-01  530540.3 4418957.5   690.0     2.00
11.63     1.86     NO
   9ZYI900U      0   0.14096E-01  530560.2 4418942.4   690.0     2.00
11.63     1.86     NO
   9ZYI900V      0   0.14096E-01  530580.2 4418927.3   690.0     2.00
11.63     1.86     NO
   9ZYI900W      0   0.14096E-01  530600.1 4418912.2   690.0     2.00
11.63     1.86     NO
   9ZYI900X      0   0.14096E-01  530620.0 4418897.0   690.0     2.00
11.63     1.86     NO
   9ZYI900Y      0   0.14096E-01  530639.9 4418881.9   690.0     2.00
11.63     1.86     NO
   9ZYI900Z      0   0.14096E-01  530659.8 4418866.8   690.0     2.00
11.63     1.86     NO
   9ZYI9010      0   0.14096E-01  530679.7 4418851.7   690.0     2.00
11.63     1.86     NO
   9ZYI9011      0   0.14096E-01  530699.7 4418836.6   690.0     2.00
11.63     1.86     NO
   9ZYI9012      0   0.14096E-01  530719.6 4418821.5   690.0     2.00
11.63     1.86     NO
   9ZYI9013      0   0.14096E-01  530739.5 4418806.4   690.0     2.00
11.63     1.86     NO
   9ZYI9014      0   0.14096E-01  530758.7 4418798.9   690.0     2.00
11.63     1.86     NO
```

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   9ZYI9015      0   0.14096E-01  530775.5 4418817.5   690.0     2.00
11.63     1.86      NO
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 **MODELOPTs:  RegDFAULT CONC
  ELEV



                                                    *** VOLUME SOURCE DATA
***

              NUMBER EMISSION RATE                      BASE    RELEASE
INIT.    INIT.   URBAN  EMISSION RATE
     SOURCE    PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT
 SY       SZ     SOURCE  SCALAR VARY
      ID       CATS.               (METERS) (METERS) (METERS) (METERS)
(METERS) (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -

   9ZYI9016      0   0.14096E-01  530792.2 4418836.0   690.0     2.00
11.63     1.86      NO
   9ZYI9017      0   0.14096E-01  530809.0 4418854.6   690.0     2.00
11.63     1.86      NO
   9ZYI9018      0   0.14096E-01  530825.7 4418873.1   690.0     2.00
11.63     1.86      NO
```

```
   9ZYI9019      0   0.14096E-01  530842.5 4418891.7   690.0     2.00
11.63     1.86     NO
   9ZYI901A      0   0.14096E-01  530859.2 4418910.2   690.0     2.00
11.63     1.86     NO
   9ZYI901B      0   0.14096E-01  530876.0 4418928.8   690.0     2.00
11.63     1.86     NO
   9ZYI901C      0   0.14096E-01  530892.8 4418947.3   690.0     2.00
11.63     1.86     NO
   9ZYI901D      0   0.14096E-01  530909.5 4418965.9   690.0     2.00
11.63     1.86     NO
   9ZYI901E      0   0.14096E-01  530926.3 4418984.4   690.0     2.00
11.63     1.86     NO
   9ZYI901F      0   0.14096E-01  530943.0 4419003.0   690.0     2.00
11.63     1.86     NO
   9ZYI901G      0   0.14096E-01  530959.8 4419021.5   690.0     2.00
11.63     1.86     NO
   9ZYI901H      0   0.14096E-01  530976.6 4419040.1   690.0     2.00
11.63     1.86     NO
   9ZYI901I      0   0.14096E-01  530993.3 4419058.6   690.0     2.00
11.63     1.86     NO
   9ZYI901J      0   0.14096E-01  531010.1 4419077.2   690.0     2.00
11.63     1.86     NO
   9ZYI901K      0   0.14096E-01  531026.8 4419095.7   690.0     2.00
11.63     1.86     NO
   9ZYI901L      0   0.14096E-01  531043.6 4419114.3   690.0     2.00
11.63     1.86     NO
   9ZYI901M      0   0.14096E-01  531060.3 4419132.8   690.0     2.00
11.63     1.86     NO
   9ZYI901N      0   0.14096E-01  531077.1 4419151.4   690.0     2.00
11.63     1.86     NO
   9ZYI901O      0   0.14096E-01  531093.9 4419169.9   690.0     2.00
11.63     1.86     NO
```

```
   9ZYI901P      0   0.14096E-01  531110.6 4419188.5   690.0     2.00
11.63     1.86     NO
   9ZYI901Q      0   0.14096E-01  531127.4 4419207.0   690.0     2.00
11.63     1.86     NO
   9ZYI901R      0   0.14096E-01  531144.1 4419225.6   690.0     2.00
11.63     1.86     NO
   9ZYI901S      0   0.14096E-01  531160.9 4419244.1   690.0     2.00
11.63     1.86     NO
   9ZYI901T      0   0.14096E-01  531177.6 4419262.7   690.0     2.00
11.63     1.86     NO
   9ZYI901U      0   0.14096E-01  531194.4 4419281.3   690.0     2.00
11.63     1.86     NO
   9ZYI901V      0   0.14096E-01  531211.2 4419299.8   690.0     2.00
11.63     1.86     NO
   9ZYI901W      0   0.14096E-01  531227.9 4419318.4   690.0     2.00
11.63     1.86     NO
   9ZYI901X      0   0.14096E-01  531244.7 4419336.9   690.0     2.00
11.63     1.86     NO
   9ZYI901Y      0   0.14096E-01  531261.4 4419355.5   690.0     2.00
11.63     1.86     NO
   9ZYI901Z      0   0.14096E-01  531278.2 4419374.0   690.0     2.00
11.63     1.86     NO
   9ZYI9020      0   0.14096E-01  531295.0 4419392.6   690.0     2.00
11.63     1.86     NO
   9ZYI9021      0   0.14096E-01  531311.7 4419411.1   690.0     2.00
11.63     1.86     NO
   9ZYI9022      0   0.14096E-01  531328.5 4419429.7   690.0     2.00
11.63     1.86     NO
   9ZYI9023      0   0.14096E-01  531345.2 4419448.2   690.0     2.00
11.63     1.86     NO
   9ZYI9024      0   0.14096E-01  531362.0 4419466.8   690.0     2.00
11.63     1.86     NO
```

```
   9ZYI9025      0   0.14096E-01  531378.7 4419485.3   690.0     2.00
11.63     1.86     NO
   9ZYI9026      0   0.14096E-01  531395.5 4419503.9   690.0     2.00
11.63     1.86     NO
   9ZYI9027      0   0.14096E-01  531412.3 4419522.4   690.0     2.00
11.63     1.86     NO
   9ZYI9028      0   0.14096E-01  531429.0 4419541.0   690.0     2.00
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   9ZYI9029      0   0.14096E-01  531445.8 4419559.5   690.0     2.00
11.63     1.86     NO
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                  ***        14:35:06

                                                        PAGE   5
 **MODELOPTs:  RegDFAULT CONC
  ELEV



                                                  *** VOLUME SOURCE DATA
***

              NUMBER EMISSION RATE                      BASE    RELEASE
INIT.    INIT.   URBAN  EMISSION RATE
     SOURCE    PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT
 SY       SZ     SOURCE  SCALAR VARY
      ID       CATS.               (METERS) (METERS) (METERS) (METERS)
(METERS) (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

   9ZYI902A      0   0.14096E-01  531462.5 4419578.1   690.0     2.00
11.63     1.86     NO
   9ZYI902B      0   0.14096E-01  531479.3 4419596.6   690.0     2.00
11.63     1.86     NO
   9ZYI902C      0   0.14096E-01  531498.5 4419608.9   690.0     2.00
11.63     1.86     NO
   9ZYI902D      0   0.14096E-01  531523.4 4419606.6   690.0     2.00
11.63     1.86     NO
   9ZYI902E      0   0.14096E-01  531548.3 4419604.3   690.0     2.00
11.63     1.86     NO
   9ZYI902F      0   0.14096E-01  531573.2 4419602.0   690.0     2.00
11.63     1.86     NO
   9ZYI902G      0   0.14096E-01  531598.1 4419599.7   690.0     2.00
11.63     1.86     NO
   9ZYI902H      0   0.14096E-01  531623.0 4419597.3   690.0     2.00
11.63     1.86     NO
   9ZYI902I      0   0.14096E-01  531647.9 4419595.0   690.0     2.00
11.63     1.86     NO
   9ZYI902J      0   0.14096E-01  531672.7 4419592.7   690.0     2.00
11.63     1.86     NO
   9ZYI902K      0   0.14096E-01  531697.6 4419590.4   690.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
   9ZYI902O      0   0.14096E-01  531797.2 4419581.2   690.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
   9ZYI903A      0   0.14096E-01  532336.6 4419630.5   690.0     2.00
11.63     1.86     NO
   9ZYI903B      0   0.14096E-01  532360.8 4419636.9   690.0     2.00
11.63     1.86     NO
   9ZYI903C      0   0.14096E-01  532385.0 4419643.2   690.0     2.00
11.63     1.86     NO
   9ZYI903D      0   0.14096E-01  532409.2 4419649.5   690.0     2.00
11.63     1.86     NO
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                  ***        14:35:06

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 **MODELOPTs:  RegDFAULT CONC
  ELEV



                                                  *** VOLUME SOURCE DATA
***
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SOURCE ID	NUMBER CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY
9ZYI903E	0	0.14096E-01	532433.4	4419655.9	690.0	2.00	11.63	1.86	NO
9ZYI903F	0	0.14096E-01	532457.6	4419662.2	690.0	2.00	11.63	1.86	NO
9ZYI903G	0	0.14096E-01	532481.7	4419668.5	690.0	2.00	11.63	1.86	NO
9ZYI903H	0	0.14096E-01	532505.9	4419674.9	690.0	2.00	11.63	1.86	NO
9ZYI903I	0	0.14096E-01	532530.1	4419681.2	690.0	2.00	11.63	1.86	NO
9ZYI903J	0	0.14096E-01	532554.3	4419687.5	690.0	2.00	11.63	1.86	NO
9ZYI903K	0	0.14096E-01	532578.5	4419693.9	690.0	2.00	11.63	1.86	NO
9ZYI903L	0	0.14096E-01	532602.7	4419700.2	690.0	2.00	11.63	1.86	NO
9ZYI903M	0	0.14096E-01	532626.9	4419706.5	690.0	2.00	11.63	1.86	NO
9ZYI903N	0	0.14096E-01	532651.0	4419712.9	690.0	2.00	11.63	1.86	NO
9ZYI903O	0	0.14096E-01	532675.2	4419719.2	690.0	2.00	11.63	1.86	NO

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   9ZYI903P      0   0.14096E-01  532699.4 4419725.5   690.0     2.00
11.63     1.86     NO
   9ZYI903Q      0   0.14096E-01  532723.6 4419731.9   690.0     2.00
11.63     1.86     NO
   9ZYI903R      0   0.14096E-01  532747.8 4419738.2   690.0     2.00
11.63     1.86     NO
   9ZYI903S      0   0.14096E-01  532772.0 4419744.5   690.0     2.00
11.63     1.86     NO
   9ZYI903T      0   0.14096E-01  532796.1 4419750.9   690.0     2.00
11.63     1.86     NO
   9ZYI903U      0   0.14096E-01  532820.3 4419757.2   690.0     2.00
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   9ZYI903V      0   0.14096E-01  532844.5 4419763.5   690.0     2.00
11.63     1.86     NO
   9ZYI903W      0   0.14096E-01  532868.7 4419769.8   690.0     2.00
11.63     1.86     NO
   9ZYI903X      0   0.14096E-01  532892.9 4419776.2   690.0     2.00
11.63     1.86     NO
   9ZYI903Y      0   0.14096E-01  532917.1 4419782.5   690.0     2.00
11.63     1.86     NO
   9ZYI903Z      0   0.14096E-01  532941.3 4419788.8   690.0     2.00
11.63     1.86     NO
   9ZYI9040      0   0.14096E-01  532965.4 4419795.2   690.0     2.00
11.63     1.86     NO
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   9ZYI9042      0   0.14096E-01  533013.8 4419807.8   690.0     2.00
11.63     1.86     NO
   9ZYI9043      0   0.14096E-01  533038.0 4419814.2   690.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
   9ZYI904C      0   0.14096E-01  533207.8 4419932.6   690.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
   9ZYI904E      0   0.14096E-01  533231.9 4419976.4   690.0     2.00
11.63     1.86     NO
   9ZYI904F      0   0.14096E-01  533244.0 4419998.3   690.0     2.00
11.63     1.86     NO
   9ZYI904G      0   0.14096E-01  533256.0 4420020.2   690.0     2.00
11.63     1.86     NO
   9ZYI904H      0   0.14096E-01  533268.0 4420042.1   690.0     2.00
11.63     1.86     NO
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                   ***       14:35:06

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**MODELOPTs: RegDFAULT CONC
 ELEV

*** 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
9ZYI904I	0	0.14096E-01	533280.1	4420064.0	690.0	2.00	11.63	1.86	NO	
9ZYI904J	0	0.14096E-01	533292.1	4420085.9	690.0	2.00	11.63	1.86	NO	
9ZYI904K	0	0.14096E-01	533304.2	4420107.8	690.0	2.00	11.63	1.86	NO	
9ZYI904L	0	0.14096E-01	533328.0	4420104.7	690.0	2.00	11.63	1.86	NO	
9ZYI904M	0	0.14096E-01	533352.6	4420100.1	690.0	2.00	11.63	1.86	NO	
9ZYI904N	0	0.14096E-01	533377.1	4420095.4	690.0	2.00	11.63	1.86	NO	
9ZYI904O	0	0.14096E-01	533401.7	4420090.8	690.0	2.00	11.63	1.86	NO	

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11.63     1.86     NO
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11.63     1.86     NO
   9ZYI904R      0   0.14096E-01  533475.4 4420076.8   690.0     2.00
11.63     1.86     NO
   9ZYI904S      0   0.14096E-01  533500.0 4420072.2   690.0     2.00
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11.63     1.86     NO
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11.63     1.86     NO
   9ZYI904Y      0   0.14096E-01  533647.4 4420044.3   690.0     2.00
11.63     1.86     NO
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   9ZYI9050      0   0.14096E-01  533696.5 4420035.0   690.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
   9ZYI9053      0   0.14096E-01  533770.2 4420021.1   690.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
   9ZYI905D      0   0.14096E-01  533931.5 4420197.6   690.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/26/11
                                  ***
                                  ***        14:35:06

                                                        PAGE   8
 **MODELOPTs:  RegDFAULT CONC
  ELEV



                                                    *** VOLUME SOURCE DATA
***

              NUMBER EMISSION RATE                      BASE    RELEASE
INIT.    INIT.   URBAN  EMISSION RATE
     SOURCE    PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT
 SY       SZ     SOURCE  SCALAR VARY
      ID       CATS.               (METERS) (METERS) (METERS) (METERS)
(METERS) (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -

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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
   9ZYI905V      0   0.14096E-01  534207.5 4420553.0   690.0     2.00
11.63     1.86     NO
   9ZYI905W      0   0.14096E-01  534222.8 4420572.7   690.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
   9ZYI9062      0   0.14096E-01  534314.8 4420691.2   690.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
   9ZYI906B      0   0.14096E-01  534452.8 4420868.9   690.0     2.00
11.63     1.86     NO
   9ZYI906C      0   0.14096E-01  534468.2 4420888.6   690.0     2.00
11.63     1.86     NO
   9ZYI906D      0   0.14096E-01  534483.5 4420908.4   690.0     2.00
11.63     1.86     NO
   9ZYI906E      0   0.14096E-01  534498.8 4420928.1   690.0     2.00
11.63     1.86     NO
   9ZYI906F      0   0.14096E-01  534514.2 4420947.9   690.0     2.00
11.63     1.86     NO
   9ZYI906G      0   0.14096E-01  534529.5 4420967.6   690.0     2.00
11.63     1.86     NO
   9ZYI906H      0   0.14096E-01  534544.8 4420987.4   690.0     2.00
11.63     1.86     NO
   9ZYI906I      0   0.14096E-01  534560.2 4421007.1   690.0     2.00
11.63     1.86     NO
   9ZYI906J      0   0.14096E-01  534575.5 4421026.8   690.0     2.00
11.63     1.86     NO
   9ZYI906K      0   0.14096E-01  534590.8 4421046.6   690.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
   9ZYI906N      0   0.14096E-01  534636.9 4421105.8   690.0     2.00
11.63     1.86     NO
   9ZYI906O      0   0.14096E-01  534652.2 4421125.6   690.0     2.00
11.63     1.86     NO
   9ZYI906P      0   0.14096E-01  534667.5 4421145.3   690.0     2.00
11.63     1.86     NO
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                  ***        14:35:06

                                                        PAGE   9
 **MODELOPTs:  RegDFAULT CONC
  ELEV



                                                  *** VOLUME SOURCE DATA
***

              NUMBER EMISSION RATE                      BASE    RELEASE
INIT.    INIT.   URBAN  EMISSION RATE
     SOURCE    PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT
 SY       SZ     SOURCE  SCALAR VARY
      ID       CATS.               (METERS) (METERS) (METERS) (METERS)
(METERS) (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

   9ZYI906Q      0   0.14096E-01  534682.9 4421165.1   690.0     2.00
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   9ZYI906R      0   0.14096E-01  534698.2 4421184.8   690.0     2.00
11.63     1.86     NO
   9ZYI906S      0   0.14096E-01  534713.5 4421204.5   690.0     2.00
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   9ZYI906T      0   0.14096E-01  534728.9 4421224.3   690.0     2.00
11.63     1.86     NO
   9ZYI906U      0   0.14096E-01  534744.2 4421244.0   690.0     2.00
11.63     1.86     NO
   9ZYI906V      0   0.14096E-01  534759.5 4421263.8   690.0     2.00
11.63     1.86     NO
   9ZYI906W      0   0.14096E-01  534774.9 4421283.5   690.0     2.00
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   9ZYI906Y      0   0.14096E-01  534805.5 4421323.0   690.0     2.00
11.63     1.86     NO
   9ZYI906Z      0   0.14096E-01  534820.9 4421342.8   690.0     2.00
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   9ZYI9070      0   0.14096E-01  534836.2 4421362.5   690.0     2.00
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   9ZYI9073      0   0.14096E-01  534905.7 4421384.2   690.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
   9ZYI907F      0   0.14096E-01  535199.2 4421446.0   690.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
   9ZYI907J      0   0.14096E-01  535297.1 4421466.6   690.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
   9ZYI907Q      0   0.94699E-02  535399.8 4421387.6   710.0     2.00
11.63     1.86     NO
   9ZYI907R      0   0.94699E-02  535412.4 4421366.0   710.0     2.00
11.63     1.86     NO
   9ZYI907S      0   0.94699E-02  535425.1 4421344.5   710.0     2.00
11.63     1.86     NO
   9ZYI907T      0   0.94699E-02  535437.8 4421322.9   710.0     2.00
11.63     1.86     NO
   9ZYI907U      0   0.94699E-02  535450.5 4421301.4   710.0     2.00
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   9ZYI907V      0   0.94699E-02  535463.1 4421279.8   710.0     2.00
11.63     1.86     NO
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                  ***        14:35:06

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 **MODELOPTs:  RegDFAULT CONC
  ELEV



                                                  *** VOLUME SOURCE DATA
***
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SOURCE ID	NUMBER CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
9ZYI907W	0	0.94699E-02	535475.8	4421258.3	710.0	2.00	11.63	1.86	NO	
9ZYI907X	0	0.94699E-02	535488.5	4421236.7	710.0	2.00	11.63	1.86	NO	
9ZYI907Y	0	0.94699E-02	535501.2	4421215.2	710.0	2.00	11.63	1.86	NO	
9ZYI907Z	0	0.94699E-02	535513.9	4421193.7	710.0	2.00	11.63	1.86	NO	
9ZYI9080	0	0.94699E-02	535526.5	4421172.1	710.0	2.00	11.63	1.86	NO	
9ZYI9081	0	0.94699E-02	535539.2	4421150.6	710.0	2.00	11.63	1.86	NO	
9ZYI9082	0	0.94699E-02	535551.9	4421129.0	710.0	2.00	11.63	1.86	NO	
9ZYI9083	0	0.94699E-02	535564.6	4421107.5	710.0	2.00	11.63	1.86	NO	
9ZYI9084	0	0.94699E-02	535577.2	4421085.9	710.0	2.00	11.63	1.86	NO	
9ZYI9085	0	0.94699E-02	535589.9	4421064.4	710.0	2.00	11.63	1.86	NO	
9ZYI9086	0	0.94699E-02	535602.6	4421042.8	710.0	2.00	11.63	1.86	NO	

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   9ZYI9087      0   0.94699E-02  535615.3 4421021.3   710.0     2.00
11.63     1.86     NO
   9ZYI9088      0   0.94699E-02  535636.9 4421012.4   710.0     2.00
11.63     1.86     NO
   9ZYI9089      0   0.94699E-02  535661.5 4421007.5   710.0     2.00
11.63     1.86     NO
   9ZYI908A      0   0.94699E-02  535686.0 4421002.6   710.0     2.00
11.63     1.86     NO
   9ZYI908B      0   0.94699E-02  535710.5 4420997.7   710.0     2.00
11.63     1.86     NO
   9ZYI908C      0   0.94699E-02  535735.0 4420992.7   710.0     2.00
11.63     1.86     NO
   9ZYI908D      0   0.94699E-02  535759.5 4420987.8   710.0     2.00
11.63     1.86     NO
   9ZYI908E      0   0.94699E-02  535784.0 4420982.9   710.0     2.00
11.63     1.86     NO
   9ZYI908F      0   0.94699E-02  535808.5 4420978.0   710.0     2.00
11.63     1.86     NO
   9ZYI908G      0   0.94699E-02  535833.0 4420973.1   710.0     2.00
11.63     1.86     NO
   9ZYI908H      0   0.94699E-02  535857.6 4420968.2   710.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
   9ZYI908K      0   0.94699E-02  535931.1 4420953.5   710.0     2.00
11.63     1.86     NO
   9ZYI908L      0   0.94699E-02  535955.6 4420948.6   710.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
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   9ZYI908N      0   0.94699E-02  536004.6 4420938.8   710.0     2.00
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   9ZYI908O      0   0.94699E-02  536017.8 4420921.1   710.0     2.00
11.63     1.86     NO
   9ZYI908P      0   0.94699E-02  536025.5 4420897.4   710.0     2.00
11.63     1.86     NO
   9ZYI908Q      0   0.94699E-02  536033.3 4420873.6   710.0     2.00
11.63     1.86     NO
   9ZYI908R      0   0.94699E-02  536041.0 4420849.8   710.0     2.00
11.63     1.86     NO
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   9ZYI908T      0   0.94699E-02  536056.5 4420802.3   710.0     2.00
11.63     1.86     NO
   9ZYI908U      0   0.94699E-02  536064.2 4420778.5   710.0     2.00
11.63     1.86     NO
   9ZYI908V      0   0.94699E-02  536071.9 4420754.7   710.0     2.00
11.63     1.86     NO
   9ZYI908W      0   0.94699E-02  536079.6 4420730.9   710.0     2.00
11.63     1.86     NO
   9ZYI908X      0   0.94699E-02  536087.4 4420707.2   710.0     2.00
11.63     1.86     NO
   9ZYI908Y      0   0.94699E-02  536095.1 4420683.4   710.0     2.00
11.63     1.86     NO
   9ZYI908Z      0   0.94699E-02  536102.8 4420659.6   710.0     2.00
11.63     1.86     NO
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                   ***       14:35:06

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**MODELOPTs: RegDFAULT CONC
 ELEV

*** 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 BY	EMISSION RATE SCALAR VARY
9ZYI9090	0	0.94699E-02	536110.6	4420635.8	710.0	2.00	11.63	1.86	NO	
9ZYI9091	0	0.94699E-02	536118.3	4420612.1	710.0	2.00	11.63	1.86	NO	
9ZYI9092	0	0.94699E-02	536126.0	4420588.3	710.0	2.00	11.63	1.86	NO	
9ZYI9093	0	0.94699E-02	536133.7	4420564.5	710.0	2.00	11.63	1.86	NO	
9ZYI9094	0	0.94699E-02	536141.5	4420540.7	710.0	2.00	11.63	1.86	NO	
9ZYI9095	0	0.94699E-02	536149.2	4420517.0	710.0	2.00	11.63	1.86	NO	
9ZYI9096	0	0.94699E-02	536156.9	4420493.2	710.0	2.00	11.63	1.86	NO	

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   9ZYI9097      0   0.94699E-02  536164.6 4420469.4   710.0     2.00
11.63     1.86     NO
   9ZYI9098      0   0.94699E-02  536172.4 4420445.6   710.0     2.00
11.63     1.86     NO
   9ZYI9099      0   0.94699E-02  536180.1 4420421.8   710.0     2.00
11.63     1.86     NO
   9ZYI909A      0   0.94699E-02  536196.1 4420405.3   710.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
   9ZYI909I      0   0.94699E-02  536375.9 4420317.8   710.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
   9ZYI909P      0   0.94699E-02  536533.3 4420241.2   710.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
   9ZYI909S      0   0.94699E-02  536600.7 4420208.4   710.0     2.00
11.63     1.86     NO
   9ZYI909T      0   0.94699E-02  536623.2 4420197.5   710.0     2.00
11.63     1.86     NO
   9ZYI909U      0   0.94699E-02  536645.7 4420186.5   710.0     2.00
11.63     1.86     NO
   9ZYI909V      0   0.94699E-02  536668.2 4420175.6   710.0     2.00
11.63     1.86     NO
   9ZYI909W      0   0.94699E-02  536678.4 4420153.2   710.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
   9ZYI909Y      0   0.94699E-02  536696.8 4420106.8   710.0     2.00
11.63     1.86     NO
   9ZYI909Z      0   0.94699E-02  536706.1 4420083.5   710.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
   9ZYI90A2      0   0.94699E-02  536733.8 4420013.8   710.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                  ***        14:35:06

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 **MODELOPTs:  RegDFAULT CONC
  ELEV



                                                  *** VOLUME SOURCE DATA
***

              NUMBER EMISSION RATE                      BASE    RELEASE
INIT.    INIT.   URBAN  EMISSION RATE
     SOURCE    PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT
 SY       SZ     SOURCE  SCALAR VARY
      ID       CATS.               (METERS) (METERS) (METERS) (METERS)
(METERS) (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -

   9ZYI90A4      0   0.94699E-02  536752.2 4419967.4   710.0     2.00
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11.63     1.86     NO
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11.63     1.86     NO
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11.63     1.86     NO
   9ZYI90A9      0   0.94699E-02  536798.4 4419851.2   710.0     2.00
11.63     1.86     NO
   9ZYI90AA      0   0.94699E-02  536807.7 4419828.0   710.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
   9ZYI90AC      0   0.94699E-02  536826.1 4419781.5   710.0     2.00
11.63     1.86     NO
   9ZYI90AD      0   0.94699E-02  536835.4 4419758.3   710.0     2.00
11.63     1.86     NO
   9ZYI90AE      0   0.94699E-02  536844.6 4419735.1   710.0     2.00
11.63     1.86     NO
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   9ZYI90AJ      0   0.94699E-02  536890.8 4419618.9   710.0     2.00
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   9ZYI90AM      0   0.94699E-02  536918.5 4419549.2   710.0     2.00
11.63     1.86     NO
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   9ZYI90B7      0   0.94699E-02  537075.2 4419054.6   710.0     2.00
11.63     1.86     NO
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
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 **MODELOPTs:  RegDFAULT CONC
  ELEV



                                                    *** VOLUME SOURCE DATA
***

              NUMBER EMISSION RATE                      BASE    RELEASE
INIT.    INIT.   URBAN  EMISSION RATE
     SOURCE    PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT
 SY       SZ     SOURCE  SCALAR VARY
      ID       CATS.               (METERS) (METERS) (METERS) (METERS)
(METERS) (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

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   9ZYI90BA      0   0.94699E-02  537073.5 4418979.7   710.0     2.00
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   9ZYI90BB      0   0.94699E-02  537072.9 4418954.7   710.0     2.00
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   9ZYI90BC      0   0.94699E-02  537072.4 4418929.7   710.0     2.00
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   9ZYI90BD      0   0.94699E-02  537071.8 4418904.7   710.0     2.00
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   9ZYI90BG      0   0.94699E-02  537070.2 4418829.7   710.0     2.00
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   9ZYI9OBP      0   0.94699E-02  537065.1 4418604.7   710.0     2.00
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   9ZYI9OBQ      0   0.94699E-02  537064.6 4418579.7   710.0     2.00
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   9ZYI9OC2      0   0.94699E-02  537057.9 4418279.8   710.0     2.00
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   9ZYI90C5      0   0.94699E-02  537056.2 4418204.8   710.0     2.00
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   9ZYI90C6      0   0.94699E-02  537055.7 4418179.8   710.0     2.00
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   9ZYI90C7      0   0.94699E-02  537055.1 4418154.9   710.0     2.00
11.63     1.86     NO
   9ZYI90C8      0   0.94699E-02  537054.5 4418129.9   710.0     2.00
11.63     1.86     NO
   9ZYI90C9      0   0.94699E-02  537054.0 4418104.9   710.0     2.00
11.63     1.86     NO
   9ZYI90CA      0   0.94699E-02  537053.4 4418079.9   710.0     2.00
11.63     1.86     NO
   9ZYI90CB      0   0.94699E-02  537052.9 4418054.9   710.0     2.00
11.63     1.86     NO
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
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 **MODELOPTs:  RegDFAULT CONC
  ELEV



                                                  *** VOLUME SOURCE DATA
***
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SOURCE ID	SZ	NUMBER SOURCE CATS.	EMISSION RATE SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. URBAN PART. (METERS)
9ZYI90CC	0		0.94699E-02	537052.3	4418029.9	710.0	2.00	11.63	1.86
			NO						
9ZYI90CD	0		0.94699E-02	537051.8	4418004.9	710.0	2.00	11.63	1.86
			NO						
9ZYI90CE	0		0.94699E-02	537051.2	4417979.9	710.0	2.00	11.63	1.86
			NO						
9ZYI90CF	0		0.94699E-02	537050.6	4417954.9	710.0	2.00	11.63	1.86
			NO						
9ZYI90CG	0		0.94699E-02	537050.1	4417929.9	710.0	2.00	11.63	1.86
			NO						
9ZYI90CH	0		0.94699E-02	537049.5	4417904.9	710.0	2.00	11.63	1.86
			NO						
9ZYI90CI	0		0.94699E-02	537049.0	4417879.9	710.0	2.00	11.63	1.86
			NO						
9ZYI90CJ	0		0.94699E-02	537048.4	4417854.9	710.0	2.00	11.63	1.86
			NO						
9ZYI90CK	0		0.94699E-02	537047.9	4417829.9	710.0	2.00	11.63	1.86
			NO						
9ZYI90CL	0		0.94699E-02	537047.3	4417804.9	710.0	2.00	11.63	1.86
			NO						
9ZYI90CM	0		0.94699E-02	537046.7	4417779.9	710.0	2.00	11.63	1.86
			NO						

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   9ZYI90CN      0   0.94699E-02  537046.2 4417755.0   710.0     2.00
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   9ZYI90CO      0   0.94699E-02  537045.6 4417730.0   710.0     2.00
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   9ZYI90CP      0   0.94699E-02  537045.1 4417705.0   710.0     2.00
11.63     1.86     NO
   9ZYI90CQ      0   0.94699E-02  537044.5 4417680.0   710.0     2.00
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   9ZYI90CR      0   0.94699E-02  537043.9 4417655.0   710.0     2.00
11.63     1.86     NO
   9ZYI90CS      0   0.94699E-02  537043.4 4417630.0   710.0     2.00
11.63     1.86     NO
   9ZYI90CT      0   0.94699E-02  537042.8 4417605.0   710.0     2.00
11.63     1.86     NO
   9ZYI90CU      0   0.94699E-02  537042.3 4417580.0   710.0     2.00
11.63     1.86     NO
   9ZYI90CV      0   0.94699E-02  537041.7 4417555.0   710.0     2.00
11.63     1.86     NO
   9ZYI90CW      0   0.94699E-02  537041.2 4417530.0   710.0     2.00
11.63     1.86     NO
   9ZYI90CX      0   0.94699E-02  537040.6 4417505.0   710.0     2.00
11.63     1.86     NO
   9ZYI90CY      0   0.94699E-02  537040.0 4417480.0   710.0     2.00
11.63     1.86     NO
   9ZYI90CZ      0   0.94699E-02  537039.5 4417455.0   710.0     2.00
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   9ZYI90D0      0   0.94699E-02  537038.9 4417430.0   710.0     2.00
11.63     1.86     NO
   9ZYI90D1      0   0.94699E-02  537038.4 4417405.0   710.0     2.00
11.63     1.86     NO
   9ZYI90D2      0   0.94699E-02  537037.8 4417380.0   710.0     2.00
11.63     1.86     NO
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   9ZYI90D3      0   0.94699E-02  537037.3 4417355.1   710.0     2.00
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11.63     1.86     NO
   9ZYI90D6      0   0.94699E-02  537035.6 4417280.1   710.0     2.00
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   9ZYI90D7      0   0.94699E-02  537035.0 4417255.1   710.0     2.00
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11.63     1.86     NO
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   9ZYI90DA      0   0.94699E-02  537033.4 4417180.1   710.0     2.00
11.63     1.86     NO
   9ZYI90DB      0   0.94699E-02  537032.8 4417155.1   710.0     2.00
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11.63     1.86     NO
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11.63     1.86     NO
   9ZYI90DE      0   0.94699E-02  537031.1 4417080.1   710.0     2.00
11.63     1.86     NO
   9ZYI90DF      0   0.94699E-02  537030.6 4417055.1   710.0     2.00
11.63     1.86     NO
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
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                                  ***
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**MODELOPTs: RegDFAULT CONC
 ELEV

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
9ZYI90DG	0	0.94699E-02	537030.0	4417030.1	710.0	2.00	11.63	1.86	NO
9ZYI90DH	0	0.94699E-02	537029.4	4417005.1	710.0	2.00	11.63	1.86	NO
9ZYI90DI	0	0.94699E-02	537028.9	4416980.1	710.0	2.00	11.63	1.86	NO
9ZYI90DJ	0	0.94699E-02	537028.3	4416955.2	710.0	2.00	11.63	1.86	NO
9ZYI90DK	0	0.94699E-02	537027.8	4416930.2	710.0	2.00	11.63	1.86	NO
9ZYI90DL	0	0.94699E-02	537027.2	4416905.2	710.0	2.00	11.63	1.86	NO
9ZYI90DM	0	0.94699E-02	537026.7	4416880.2	710.0	2.00	11.63	1.86	NO

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   9ZYI90DN      0   0.94699E-02  537026.1 4416855.2   710.0     2.00
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   9ZYI90DO      0   0.94699E-02  537025.5 4416830.2   710.0     2.00
11.63     1.86     NO
   9ZYI90DP      0   0.94699E-02  537025.0 4416805.2   710.0     2.00
11.63     1.86     NO
   9ZYI90DQ      0   0.94699E-02  537024.4 4416780.2   710.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
   9ZYI90DS      0   0.94699E-02  537023.3 4416730.2   710.0     2.00
11.63     1.86     NO
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   9ZYI90DV      0   0.94699E-02  537021.6 4416655.2   710.0     2.00
11.63     1.86     NO
   9ZYI90DW      0   0.94699E-02  537021.1 4416630.2   710.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
   9ZYI90DY      0   0.94699E-02  537020.0 4416580.2   710.0     2.00
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   9ZYI90DZ      0   0.94699E-02  537019.4 4416555.3   710.0     2.00
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11.63     1.86     NO
   9ZYI90E1      0   0.94699E-02  537018.3 4416505.3   710.0     2.00
11.63     1.86     NO
   9ZYI90E2      0   0.94699E-02  537017.7 4416480.3   710.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
   9ZYI90E9      0   0.94699E-02  537013.8 4416305.3   710.0     2.00
11.63     1.86     NO
   9ZYI90EA      0   0.94699E-02  537013.3 4416280.3   710.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
 *** AERMOD - VERSION 09292 ***     ***  NO TITLE SPECIFIED
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 **MODELOPTs:  RegDFAULT CONC
  ELEV



                                                    *** VOLUME SOURCE DATA
***

              NUMBER EMISSION RATE                      BASE    RELEASE
INIT.    INIT.   URBAN  EMISSION RATE
     SOURCE    PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT
 SY       SZ     SOURCE  SCALAR VARY
      ID       CATS.               (METERS) (METERS) (METERS) (METERS)
(METERS) (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -

   9ZYI90EK      0   0.94699E-02  537007.7 4416030.4   710.0     2.00
11.63     1.86     NO
   9ZYI90EL      0   0.94699E-02  537007.1 4416005.4   710.0     2.00
11.63     1.86     NO
   9ZYI90EM      0   0.94699E-02  537006.6 4415980.4   710.0     2.00
11.63     1.86     NO
```

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   9ZYI90EN      0   0.94699E-02  537006.0 4415955.4   710.0     2.00
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   9ZYI90EO      0   0.94699E-02  537005.5 4415930.4   710.0     2.00
11.63     1.86     NO
   9ZYI90EP      0   0.94699E-02  537004.9 4415905.4   710.0     2.00
11.63     1.86     NO
   9ZYI90EQ      0   0.94699E-02  537004.3 4415880.4   710.0     2.00
11.63     1.86     NO
   9ZYI90ER      0   0.94699E-02  537003.8 4415855.4   710.0     2.00
11.63     1.86     NO
   9ZYI90ES      0   0.94699E-02  537003.2 4415830.4   710.0     2.00
11.63     1.86     NO
   9ZYI90ET      0   0.94699E-02  537002.7 4415805.4   710.0     2.00
11.63     1.86     NO
   9ZYI90EU      0   0.94699E-02  537002.1 4415780.4   710.0     2.00
11.63     1.86     NO
   9ZYI90EV      0   0.94699E-02  537001.6 4415755.5   710.0     2.00
11.63     1.86     NO
   9ZYI90EW      0   0.94699E-02  537001.0 4415730.5   710.0     2.00
11.63     1.86     NO
   9ZYI90EX      0   0.94699E-02  537000.4 4415705.5   710.0     2.00
11.63     1.86     NO
   9ZYI90EY      0   0.94699E-02  536999.9 4415680.5   710.0     2.00
11.63     1.86     NO
   9ZYI90EZ      0   0.94699E-02  536999.3 4415655.5   710.0     2.00
11.63     1.86     NO
   9ZYI90F0      0   0.94699E-02  536998.8 4415630.5   710.0     2.00
11.63     1.86     NO
   9ZYI90F1      0   0.94699E-02  537003.2 4415607.0   710.0     2.00
11.63     1.86     NO
   9ZYI90F2      0   0.94699E-02  537017.7 4415586.7   710.0     2.00
11.63     1.86     NO
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   9ZYI90F3      0   0.94699E-02  537032.2 4415566.3   710.0     2.00
11.63     1.86     NO
   9ZYI90F4      0   0.94699E-02  537046.7 4415545.9   710.0     2.00
11.63     1.86     NO
   9ZYI90F5      0   0.94699E-02  537061.2 4415525.5   710.0     2.00
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   9ZYI90F6      0   0.94699E-02  537075.7 4415505.2   710.0     2.00
11.63     1.86     NO
   9ZYI90F7      0   0.94699E-02  537090.1 4415484.8   710.0     2.00
11.63     1.86     NO
   9ZYI90F8      0   0.94699E-02  537104.6 4415464.4   710.0     2.00
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   9ZYI90F9      0   0.94699E-02  537119.1 4415444.0   710.0     2.00
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   9ZYI90FB      0   0.94699E-02  537148.1 4415403.3   710.0     2.00
11.63     1.86     NO
   9ZYI90FC      0   0.94699E-02  537162.6 4415382.9   710.0     2.00
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   9ZYI90FD      0   0.94699E-02  537177.1 4415362.5   710.0     2.00
11.63     1.86     NO
   9ZYI90FE      0   0.94699E-02  537191.6 4415342.2   710.0     2.00
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   9ZYI90FF      0   0.94699E-02  537206.1 4415321.8   710.0     2.00
11.63     1.86     NO
   9ZYI90FG      0   0.94699E-02  537220.5 4415301.4   710.0     2.00
11.63     1.86     NO
   9ZYI90FH      0   0.94699E-02  537235.0 4415281.0   710.0     2.00
11.63     1.86     NO
   9ZYI90FI      0   0.94699E-02  537249.5 4415260.7   710.0     2.00
11.63     1.86     NO
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   9ZYI90FJ      0   0.94699E-02  537264.0 4415240.3   710.0     2.00
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11.63     1.86     NO
   9ZYI90FL      0   0.94699E-02  537293.0 4415199.6   710.0     2.00
11.63     1.86     NO
   9ZYI90FM      0   0.94699E-02  537307.5 4415179.2   710.0     2.00
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   9ZYI90FN      0   0.94699E-02  537322.0 4415158.8   710.0     2.00
11.63     1.86     NO
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                  ***        14:35:06

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 **MODELOPTs:  RegDFAULT CONC
  ELEV



                                                  *** VOLUME SOURCE DATA
***

              NUMBER EMISSION RATE                      BASE    RELEASE
INIT.    INIT.   URBAN  EMISSION RATE
     SOURCE    PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT
 SY       SZ     SOURCE  SCALAR VARY
      ID       CATS.               (METERS) (METERS) (METERS) (METERS)
(METERS) (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -

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   9ZYI9OFO      0   0.94699E-02  537336.4 4415138.4   710.0     2.00
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   9ZYI9OFP      0   0.94699E-02  537350.9 4415118.1   710.0     2.00
11.63     1.86     NO
   9ZYI9OFQ      0   0.94699E-02  537365.4 4415097.7   710.0     2.00
11.63     1.86     NO
   9ZYI9OFR      0   0.94699E-02  537379.9 4415077.3   710.0     2.00
11.63     1.86     NO
   9ZYI9OFS      0   0.94699E-02  537394.4 4415056.9   710.0     2.00
11.63     1.86     NO
   9ZYI9OFT      0   0.94699E-02  537408.9 4415036.6   710.0     2.00
11.63     1.86     NO
   9ZYI9OFU      0   0.94699E-02  537423.4 4415016.2   710.0     2.00
11.63     1.86     NO
   9ZYI9OFV      0   0.94699E-02  537437.9 4414995.8   710.0     2.00
11.63     1.86     NO
   9ZYI9OFW      0   0.94699E-02  537452.4 4414975.4   710.0     2.00
11.63     1.86     NO
   9ZYI9OFX      0   0.94699E-02  537466.8 4414955.1   710.0     2.00
11.63     1.86     NO
   9ZYI9OFY      0   0.94699E-02  537481.3 4414934.7   710.0     2.00
11.63     1.86     NO
   9ZYI9OFZ      0   0.94699E-02  537495.8 4414914.3   710.0     2.00
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   9ZYI9OG0      0   0.94699E-02  537510.3 4414893.9   710.0     2.00
11.63     1.86     NO
   9ZYI9OG1      0   0.94699E-02  537524.8 4414873.6   710.0     2.00
11.63     1.86     NO
   9ZYI9OG2      0   0.94699E-02  537539.3 4414853.2   710.0     2.00
11.63     1.86     NO
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   9ZYI90G3      0   0.94699E-02  537553.8 4414832.8   710.0     2.00
11.63     1.86     NO
   9ZYI90G4      0   0.94699E-02  537568.3 4414812.5   710.0     2.00
11.63     1.86     NO
   9ZYI90G5      0   0.94699E-02  537582.8 4414792.1   710.0     2.00
11.63     1.86     NO
   9ZYI90G6      0   0.94699E-02  537597.2 4414771.7   710.0     2.00
11.63     1.86     NO
   9ZYI90G7      0   0.94699E-02  537611.7 4414751.3   710.0     2.00
11.63     1.86     NO
   9ZYI90G8      0   0.94699E-02  537626.2 4414731.0   710.0     2.00
11.63     1.86     NO
   9ZYI90G9      0   0.94699E-02  537640.7 4414710.6   710.0     2.00
11.63     1.86     NO
   9ZYI90GA      0   0.94699E-02  537655.2 4414690.2   710.0     2.00
11.63     1.86     NO
   9ZYI90GB      0   0.94699E-02  537669.7 4414669.8   710.0     2.00
11.63     1.86     NO
   9ZYI90GC      0   0.94699E-02  537684.2 4414649.5   710.0     2.00
11.63     1.86     NO
   9ZYI90GD      0   0.94699E-02  537698.7 4414629.1   710.0     2.00
11.63     1.86     NO
   9ZYI90GE      0   0.94699E-02  537713.1 4414608.7   710.0     2.00
11.63     1.86     NO
   9ZYI90GF      0   0.94699E-02  537727.6 4414588.3   710.0     2.00
11.63     1.86     NO
   9ZYI90GG      0   0.94699E-02  537742.1 4414568.0   710.0     2.00
11.63     1.86     NO
   9ZYI90GH      0   0.94699E-02  537756.6 4414547.6   710.0     2.00
11.63     1.86     NO
   9ZYI90GI      0   0.94699E-02  537771.1 4414527.2   710.0     2.00
11.63     1.86     NO
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   9ZYI90GJ      0   0.94699E-02  537785.6 4414506.8   710.0     2.00
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11.63     1.86     NO
   9ZYI90GL      0   0.94699E-02  537814.6 4414466.1   710.0     2.00
11.63     1.86     NO
   9ZYI90GM      0   0.94699E-02  537829.1 4414445.7   710.0     2.00
11.63     1.86     NO
   9ZYI90GN      0   0.94699E-02  537843.5 4414425.4   710.0     2.00
11.63     1.86     NO
   9ZYI90GO      0   0.94699E-02  537858.0 4414405.0   710.0     2.00
11.63     1.86     NO
   9ZYI90GP      0   0.94699E-02  537872.5 4414384.6   710.0     2.00
11.63     1.86     NO
   9ZYI90GQ      0   0.94699E-02  537887.0 4414364.2   710.0     2.00
11.63     1.86     NO
   9ZYI90GR      0   0.94699E-02  537901.5 4414343.9   710.0     2.00
11.63     1.86     NO
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                  ***        14:35:06

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 **MODELOPTs:  RegDFAULT CONC
  ELEV



                                                  *** VOLUME SOURCE DATA
***
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SOURCE ID	NUMBER CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
9ZYI90GS	0	0.94699E-02	537916.0	4414323.5	710.0	2.00	11.63	1.86	NO	
9ZYI90GT	0	0.94699E-02	537930.5	4414303.1	710.0	2.00	11.63	1.86	NO	
9ZYI90GU	0	0.94699E-02	537945.0	4414282.7	710.0	2.00	11.63	1.86	NO	
9ZYI90GV	0	0.94699E-02	537959.4	4414262.4	710.0	2.00	11.63	1.86	NO	
9ZYI90GW	0	0.94699E-02	537973.9	4414242.0	710.0	2.00	11.63	1.86	NO	
9ZYI90GX	0	0.94699E-02	537988.4	4414221.6	710.0	2.00	11.63	1.86	NO	
9ZYI90GY	0	0.94699E-02	538002.9	4414201.2	710.0	2.00	11.63	1.86	NO	
9ZYI90GZ	0	0.94699E-02	538017.4	4414180.9	710.0	2.00	11.63	1.86	NO	
9ZYI90H0	0	0.94699E-02	538031.9	4414160.5	710.0	2.00	11.63	1.86	NO	
9ZYI90H1	0	0.94699E-02	538046.4	4414140.1	710.0	2.00	11.63	1.86	NO	
9ZYI90H2	0	0.94699E-02	538060.9	4414119.7	710.0	2.00	11.63	1.86	NO	

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   9ZYI9OH3      0   0.94699E-02  538075.4 4414099.4   710.0     2.00
11.63     1.86     NO
   9ZYI9OH4      0   0.94699E-02  538089.8 4414079.0   710.0     2.00
11.63     1.86     NO
   9ZYI9OH5      0   0.94699E-02  538104.3 4414058.6   710.0     2.00
11.63     1.86     NO
   9ZYI9OH6      0   0.94699E-02  538118.8 4414038.3   710.0     2.00
11.63     1.86     NO
   9ZYI9OH7      0   0.94699E-02  538133.3 4414017.9   710.0     2.00
11.63     1.86     NO
   9ZYI9OH8      0   0.94699E-02  538147.8 4413997.5   710.0     2.00
11.63     1.86     NO
   9ZYI9OH9      0   0.94699E-02  538162.3 4413977.1   710.0     2.00
11.63     1.86     NO
   9ZYI9OHA      0   0.94699E-02  538176.8 4413956.8   710.0     2.00
11.63     1.86     NO
   9ZYI9OHB      0   0.94699E-02  538191.3 4413936.4   710.0     2.00
11.63     1.86     NO
   9ZYI9OHC      0   0.94699E-02  538205.7 4413916.0   710.0     2.00
11.63     1.86     NO
   9ZYI9OHD      0   0.94699E-02  538220.2 4413895.6   710.0     2.00
11.63     1.86     NO
   9ZYI9OHE      0   0.94699E-02  538234.7 4413875.3   710.0     2.00
11.63     1.86     NO
   9ZYI9OHF      0   0.94699E-02  538249.2 4413854.9   710.0     2.00
11.63     1.86     NO
   9ZYI9OHG      0   0.94699E-02  538265.1 4413835.9   710.0     2.00
11.63     1.86     NO
   9ZYI9OHH      0   0.94699E-02  538285.6 4413821.6   710.0     2.00
11.63     1.86     NO
   9ZYI9OHI      0   0.94699E-02  538306.1 4413807.3   710.0     2.00
11.63     1.86     NO
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   9ZYI9OHJ      0   0.94699E-02  538326.6 4413793.0   710.0     2.00
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11.63     1.86     NO
   9ZYI9OHL      0   0.94699E-02  538367.6 4413764.4   710.0     2.00
11.63     1.86     NO
   9ZYI9OHM      0   0.94699E-02  538388.1 4413750.1   710.0     2.00
11.63     1.86     NO
   9ZYI9OHN      0   0.94699E-02  538408.6 4413735.8   710.0     2.00
11.63     1.86     NO
   9ZYI9OHO      0   0.94699E-02  538429.1 4413721.5   710.0     2.00
11.63     1.86     NO
   9ZYI9OHP      0   0.94699E-02  538449.6 4413707.2   710.0     2.00
11.63     1.86     NO
   9ZYI9OHQ      0   0.94699E-02  538470.1 4413692.9   710.0     2.00
11.63     1.86     NO
   9ZYI9OHR      0   0.94699E-02  538490.6 4413678.6   710.0     2.00
11.63     1.86     NO
   9ZYI9OHS      0   0.94699E-02  538511.1 4413664.2   710.0     2.00
11.63     1.86     NO
   9ZYI9OHT      0   0.94699E-02  538531.6 4413649.9   710.0     2.00
11.63     1.86     NO
   9ZYI9OHU      0   0.94699E-02  538552.1 4413635.6   710.0     2.00
11.63     1.86     NO
   9ZYI9OHV      0   0.94699E-02  538572.6 4413621.3   710.0     2.00
11.63     1.86     NO
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                  ***       14:35:06

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**MODELOPTs: RegDFAULT CONC
 ELEV

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
9ZYI9OHW	0	0.94699E-02	538593.1	4413607.0	710.0	2.00	11.63	1.86	NO
9ZYI9OHX	0	0.94699E-02	538613.6	4413592.7	710.0	2.00	11.63	1.86	NO
9ZYI9OHY	0	0.94699E-02	538634.1	4413578.4	710.0	2.00	11.63	1.86	NO
9ZYI9OHZ	0	0.94699E-02	538654.6	4413564.1	710.0	2.00	11.63	1.86	NO
9ZYI9OI0	0	0.94699E-02	538675.1	4413549.8	710.0	2.00	11.63	1.86	NO
9ZYI9OI1	0	0.94699E-02	538695.6	4413535.5	710.0	2.00	11.63	1.86	NO
9ZYI9OI2	0	0.94699E-02	538716.1	4413521.2	710.0	2.00	11.63	1.86	NO

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   9ZYI90I3      0   0.94699E-02  538736.6 4413506.9   710.0     2.00
11.63     1.86     NO
   9ZYI90I4      0   0.94699E-02  538757.1 4413492.6   710.0     2.00
11.63     1.86     NO
   9ZYI90I5      0   0.94699E-02  538777.6 4413478.3   710.0     2.00
11.63     1.86     NO
   9ZYI90I6      0   0.94699E-02  538798.1 4413463.9   710.0     2.00
11.63     1.86     NO
   9ZYI90I7      0   0.94699E-02  538818.6 4413449.6   710.0     2.00
11.63     1.86     NO
   9ZYI90I8      0   0.94699E-02  538839.1 4413435.3   710.0     2.00
11.63     1.86     NO
   9ZYI90I9      0   0.94699E-02  538859.6 4413421.0   710.0     2.00
11.63     1.86     NO
   9ZYI90IA      0   0.94699E-02  538880.1 4413406.7   710.0     2.00
11.63     1.86     NO
   9ZYI90IB      0   0.94699E-02  538900.6 4413392.4   710.0     2.00
11.63     1.86     NO
   9ZYI90IC      0   0.94699E-02  538921.2 4413378.1   710.0     2.00
11.63     1.86     NO
   9ZYI90ID      0   0.94699E-02  538941.7 4413363.8   710.0     2.00
11.63     1.86     NO
   9ZYI90IE      0   0.94699E-02  538962.2 4413349.5   710.0     2.00
11.63     1.86     NO
   9ZYI90IF      0   0.94699E-02  538982.7 4413335.2   710.0     2.00
11.63     1.86     NO
   9ZYI90IG      0   0.94699E-02  539003.2 4413320.9   710.0     2.00
11.63     1.86     NO
   9ZYI90IH      0   0.94699E-02  539023.7 4413306.6   710.0     2.00
11.63     1.86     NO
   9ZYI90II      0   0.94699E-02  539044.2 4413292.3   710.0     2.00
11.63     1.86     NO
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   9ZYI9OIJ      0   0.94699E-02  539064.7 4413277.9   710.0     2.00
11.63     1.86     NO
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11.63     1.86     NO
   9ZYI9OIL      0   0.94699E-02  539105.7 4413249.3   710.0     2.00
11.63     1.86     NO
   9ZYI9OIM      0   0.94699E-02  539126.2 4413235.0   710.0     2.00
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 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                  ***        14:35:06

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 **MODELOPTs:  RegDFAULT CONC
  ELEV



                                                  *** VOLUME SOURCE DATA
***

              NUMBER EMISSION RATE                      BASE    RELEASE
INIT.    INIT.   URBAN  EMISSION RATE
     SOURCE    PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT
 SY       SZ     SOURCE  SCALAR VARY
      ID       CATS.               (METERS) (METERS) (METERS) (METERS)
(METERS) (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -

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 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
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 **MODELOPTs:  RegDFAULT CONC
  ELEV



                                                    *** VOLUME SOURCE DATA
***

              NUMBER EMISSION RATE                      BASE    RELEASE
INIT.    INIT.   URBAN  EMISSION RATE
     SOURCE    PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT
 SY       SZ     SOURCE  SCALAR VARY
      ID       CATS.               (METERS) (METERS) (METERS) (METERS)
(METERS) (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                  ***        14:35:06

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 **MODELOPTs:  RegDFAULT CONC
  ELEV



                                                  *** SOURCE IDs DEFINING
SOURCE GROUPS ***
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GROUP ID SOURCE IDs

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 **MODELOPTs: RegDFAULT CONC
  ELEV

                                          *** SOURCE IDs DEFINING
SOURCE GROUPS ***

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 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/26/11
*** 14:35:06

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**MODELOPTs: RegDFAULT CONC
ELEV

*** SOURCE IDs DEFINING
SOURCE GROUPS ***

GROUP ID SOURCE IDs

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**MODELOPTs: RegDFAULT CONC
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ELEV

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ELEV

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9ZYI90KO, 9ZYI90KP, 9ZYI90KQ, 9ZYI90KR, 9ZYI90KS, 9ZYI90KT,
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/26/11
                                  ***
                                  ***   14:35:06

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 **MODELOPTs: RegDFAULT CONC
  ELEV

                                        *** GRIDDED RECEPTOR NETWORK
SUMMARY ***

                                    *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

                                          *** X-COORDINATES OF GRID ***
                                                    (METERS)

       528000.0, 528500.0, 529000.0, 529500.0, 530000.0, 530500.0,
531000.0, 531500.0, 532000.0, 532500.0,

533000.0, 533500.0, 534000.0, 534500.0, 535000.0, 535500.0,
536000.0, 536500.0, 537000.0, 537500.0,
538000.0, 538500.0, 539000.0, 539500.0, 540000.0, 540500.0,
541000.0, 541500.0, 542000.0, 542500.0,
543000.0,

*** Y-COORDINATES OF GRID ***
(METERS)

4410000.0, 4410500.0, 4411000.0, 4411500.0, 4412000.0, 4412500.0,
4413000.0, 4413500.0, 4414000.0, 4414500.0,
4415000.0, 4415500.0, 4416000.0, 4416500.0, 4417000.0, 4417500.0,
4418000.0, 4418500.0, 4419000.0, 4419500.0,
4420000.0, 4420500.0, 4421000.0, 4421500.0, 4422000.0, 4422500.0,
4423000.0, 4423500.0, 4424000.0, 4424500.0,
4425000.0,

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/26/11
***
*** 14:35:06

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**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN
METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	528000.00	528500.00	529000.00	529500.00	530000.00
530500.00	531000.00	531500.00	532000.00		
4425000.00	1098.00	1080.00	1013.00	1027.00	990.00
961.00	992.00	1100.00	1060.00		
4424500.00	1033.00	1040.00	980.00	945.00	930.00
927.00	1024.00	1057.00	1013.00		
4424000.00	970.00	998.00	952.00	928.00	895.00
952.00	1031.00	1037.00	991.00		
4423500.00	918.00	927.00	907.00	907.00	864.00
945.00	1016.00	983.00	943.00		
4423000.00	847.00	848.00	862.00	880.00	845.00
925.00	970.00	959.00	883.00		
4422500.00	813.00	813.00	843.00	847.00	827.00
904.00	893.00	884.00	845.00		
4422000.00	794.00	789.00	812.00	817.00	810.00
877.00	832.00	815.00	811.00		
4421500.00	763.00	775.00	785.00	790.00	794.00
848.00	799.00	778.00	829.00		
4421000.00	755.00	759.00	762.00	767.00	777.00
807.00	774.00	752.00	828.00		
4420500.00	754.00	745.00	747.00	753.00	767.00
806.00	757.00	736.00	796.00		
4420000.00	771.00	739.00	738.00	742.00	753.00
760.00	729.00	725.00	780.00		
4419500.00	776.00	741.00	733.00	727.00	735.00
733.00	702.00	701.00	695.00		

4419000.00		770.00	737.00	730.00	719.00
717.00	711.00	699.00	724.00	804.00	
4418500.00		771.00	744.00	725.00	724.00
712.00	703.00	700.00	843.00	872.00	
4418000.00		772.00	743.00	729.00	717.00
709.00	704.00	729.00	799.00	862.00	
4417500.00		755.00	739.00	731.00	723.00
709.00	707.00	774.00	814.00	903.00	
4417000.00		771.00	752.00	740.00	729.00
717.00	711.00	807.00	902.00	897.00	
4416500.00		767.00	752.00	751.00	746.00
732.00	716.00	803.00	870.00	950.00	
4416000.00		776.00	786.00	784.00	781.00
763.00	719.00	774.00	880.00	958.00	
4415500.00		793.00	854.00	789.00	779.00
742.00	726.00	810.00	902.00	981.00	
4415000.00		842.00	803.00	800.00	782.00
762.00	724.00	801.00	859.00	951.00	
4414500.00		830.00	892.00	883.00	843.00
745.00	736.00	797.00	893.00	961.00	
4414000.00		875.00	953.00	879.00	797.00
754.00	745.00	806.00	872.00	972.00	
4413500.00		905.00	897.00	849.00	823.00
736.00	764.00	846.00	899.00	1007.00	
4413000.00		906.00	920.00	869.00	828.00
742.00	811.00	928.00	959.00	939.00	
4412500.00		947.00	852.00	852.00	750.00
766.00	861.00	923.00	981.00	905.00	
4412000.00		928.00	806.00	800.00	749.00
818.00	922.00	978.00	969.00	929.00	
4411500.00		909.00	790.00	778.00	785.00
863.00	940.00	937.00	921.00	871.00	

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  4411000.00 |        868.00       793.00       857.00       887.00
 877.00       954.00       908.00       881.00       874.00
  4410500.00 |        765.00       818.00       872.00       970.00
 953.00       951.00       920.00       863.00       822.00
  4410000.00 |        813.00       937.00       963.00      1067.00
1033.00       940.00       902.00       853.00       830.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                   ***
                                   ***       14:35:06

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 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                  *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***

                                               * ELEVATION HEIGHTS IN
METERS *

    Y-COORD  |                                                 X-COORD
(METERS)
    (METERS) |     532500.00    533000.00    533500.00    534000.00
534500.00    535000.00    535500.00    536000.00    536500.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  4425000.00 |       1100.00      1013.00       942.00       870.00
 807.00       829.00       756.00       726.00       676.00
```

4424500.00		977.00	978.00	878.00	812.00
786.00	798.00	775.00	714.00	680.00	
4424000.00		936.00	949.00	873.00	797.00
760.00	745.00	755.00	737.00	712.00	
4423500.00		913.00	903.00	833.00	756.00
753.00	712.00	736.00	721.00	662.00	
4423000.00		884.00	860.00	827.00	757.00
736.00	700.00	710.00	657.00	656.00	
4422500.00		863.00	822.00	783.00	782.00
726.00	685.00	667.00	670.00	686.00	
4422000.00		869.00	794.00	731.00	739.00
697.00	696.00	659.00	725.00	738.00	
4421500.00		833.00	768.00	734.00	694.00
677.00	665.00	662.00	735.00	764.00	
4421000.00		776.00	725.00	714.00	672.00
694.00	762.00	661.00	674.00	717.00	
4420500.00		808.00	725.00	682.00	675.00
735.00	779.00	701.00	663.00	679.00	
4420000.00		730.00	687.00	708.00	697.00
774.00	762.00	772.00	682.00	666.00	
4419500.00		704.00	743.00	780.00	733.00
783.00	801.00	809.00	721.00	673.00	
4419000.00		764.00	845.00	829.00	770.00
816.00	786.00	749.00	668.00	670.00	
4418500.00		834.00	859.00	866.00	829.00
757.00	732.00	689.00	667.00	674.00	
4418000.00		891.00	946.00	914.00	812.00
758.00	697.00	663.00	694.00	732.00	
4417500.00		929.00	980.00	930.00	894.00
816.00	739.00	665.00	704.00	730.00	
4417000.00		960.00	1014.00	961.00	815.00
822.00	758.00	672.00	667.00	691.00	

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 4416500.00 |       1000.00      1008.00       934.00       815.00
733.00       685.00       665.00       676.00       701.00
 4416000.00 |       1014.00       918.00       855.00       774.00
688.00       666.00       712.00       724.00       713.00
 4415500.00 |       1013.00       945.00       847.00       749.00
712.00       673.00       667.00       731.00       712.00
 4415000.00 |       1001.00       900.00       811.00       769.00
740.00       696.00       669.00       685.00       709.00
 4414500.00 |        941.00       868.00       797.00       766.00
767.00       701.00       668.00       690.00       704.00
 4414000.00 |        976.00       900.00       871.00       778.00
764.00       694.00       671.00       713.00       742.00
 4413500.00 |        977.00       921.00       874.00       780.00
726.00       706.00       677.00       681.00       741.00
 4413000.00 |        912.00       852.00       823.00       806.00
742.00       722.00       692.00       875.00       696.00
 4412500.00 |        857.00       817.00       790.00       780.00
750.00       740.00       703.00       683.00       677.00
 4412000.00 |        855.00       806.00       770.00       742.00
728.00       728.00       710.00       744.00       674.00
 4411500.00 |        818.00       801.00       765.00       794.00
833.00       776.00       730.00       747.00       717.00
 4411000.00 |        799.00       802.00       808.00       867.00
856.00       791.00       858.00       767.00       795.00
 4410500.00 |        855.00       835.00       877.00       909.00
840.00       817.00       802.00       768.00       772.00
 4410000.00 |        838.00       902.00       933.00       884.00
863.00       855.00       815.00       777.00       756.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/26/11
                                  ***
                                  ***        14:35:06
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**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	537000.00	537500.00	538000.00	538500.00	539000.00
539500.00	540000.00	540500.00	541000.00		
4425000.00	671.00	810.00	759.00	731.00	738.00
751.00	770.00	796.00	835.00		
4424500.00	658.00	718.00	810.00	763.00	777.00
770.00	785.00	813.00	851.00		
4424000.00	663.00	699.00	823.00	799.00	800.00
798.00	814.00	833.00	897.00		
4423500.00	663.00	729.00	838.00	881.00	826.00
817.00	861.00	860.00	845.00		
4423000.00	682.00	739.00	833.00	820.00	815.00
812.00	826.00	814.00	810.00		
4422500.00	723.00	753.00	777.00	775.00	776.00
792.00	789.00	784.00	800.00		

4422000.00		772.00	744.00	751.00	740.00
767.00	767.00	762.00	765.00	774.00	
4421500.00		751.00	729.00	726.00	720.00
728.00	735.00	742.00	750.00	780.00	
4421000.00		712.00	705.00	711.00	740.00
747.00	746.00	761.00	780.00	809.00	
4420500.00		700.00	712.00	711.00	732.00
765.00	757.00	772.00	802.00	840.00	
4420000.00		686.00	689.00	735.00	741.00
766.00	791.00	786.00	818.00	855.00	
4419500.00		679.00	713.00	788.00	778.00
783.00	817.00	808.00	826.00	873.00	
4419000.00		685.00	740.00	789.00	803.00
801.00	821.00	832.00	843.00	857.00	
4418500.00		694.00	730.00	766.00	780.00
787.00	828.00	846.00	867.00	896.00	
4418000.00		706.00	751.00	759.00	799.00
789.00	840.00	876.00	890.00	930.00	
4417500.00		728.00	761.00	782.00	857.00
810.00	845.00	905.00	933.00	973.00	
4417000.00		745.00	801.00	804.00	878.00
854.00	915.00	1009.00	999.00	1047.00	
4416500.00		753.00	816.00	839.00	915.00
986.00	981.00	1047.00	975.00	998.00	
4416000.00		759.00	799.00	823.00	847.00
940.00	937.00	982.00	966.00	919.00	
4415500.00		762.00	774.00	783.00	856.00
934.00	920.00	909.00	919.00	868.00	
4415000.00		722.00	746.00	765.00	800.00
835.00	880.00	871.00	857.00	845.00	
4414500.00		716.00	733.00	750.00	789.00
799.00	816.00	849.00	825.00	840.00	

```
 4414000.00 |        777.00       802.00       759.00       762.00
779.00       788.00       799.00       796.00       846.00
 4413500.00 |        771.00       798.00       765.00       766.00
770.00       778.00       778.00       790.00       806.00
 4413000.00 |        769.00       756.00       779.00       780.00
763.00       763.00       764.00       773.00       780.00
 4412500.00 |        708.00       722.00       751.00       748.00
738.00       750.00       743.00       791.00       792.00
 4412000.00 |        689.00       701.00       713.00       716.00
728.00       742.00       751.00       771.00       779.00
 4411500.00 |        670.00       681.00       694.00       704.00
718.00       718.00       735.00       775.00       792.00
 4411000.00 |        688.00       676.00       680.00       687.00
708.00       706.00       737.00       740.00       741.00
 4410500.00 |        717.00       693.00       697.00       683.00
680.00       680.00       685.00       697.00       703.00
 4410000.00 |        719.00       761.00       736.00       734.00
705.00       680.00       677.00       679.00       710.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                   ***
                                   ***        14:35:06

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 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                     *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***
```

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 541500.00	542000.00	542500.00	543000.00
4425000.00	884.00	992.00	962.00	931.00
4424500.00	955.00	914.00	901.00	887.00
4424000.00	880.00	876.00	861.00	854.00
4423500.00	843.00	846.00	859.00	823.00
4423000.00	817.00	811.00	805.00	845.00
4422500.00	793.00	793.00	825.00	777.00
4422000.00	772.00	822.00	872.00	989.00
4421500.00	816.00	865.00	907.00	1051.00
4421000.00	876.00	976.00	1068.00	1124.00
4420500.00	932.00	1047.00	1080.00	1086.00
4420000.00	936.00	1074.00	1024.00	1042.00
4419500.00	982.00	959.00	958.00	985.00
4419000.00	918.00	1025.00	1048.00	1060.00
4418500.00	971.00	1096.00	1068.00	1110.00
4418000.00	1022.00	1048.00	1069.00	1051.00
4417500.00	1023.00	1022.00	1017.00	984.00
4417000.00	967.00	1027.00	968.00	999.00
4416500.00	987.00	951.00	968.00	997.00
4416000.00	943.00	919.00	1047.00	1084.00
4415500.00	889.00	1000.00	1038.00	1054.00
4415000.00	893.00	945.00	981.00	1001.00
4414500.00	934.00	947.00	931.00	978.00
4414000.00	856.00	896.00	892.00	916.00

4413500.00	820.00	851.00	853.00	883.00
4413000.00	799.00	812.00	824.00	835.00
4412500.00	774.00	781.00	798.00	797.00
4412000.00	752.00	774.00	779.00	773.00
4411500.00	746.00	779.00	766.00	754.00
4411000.00	732.00	775.00	753.00	745.00
4410500.00	742.00	753.00	740.00	727.00
4410000.00	745.00	738.00	732.00	710.00

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/26/11
*** 14:35:06

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**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	528000.00	528500.00	529000.00	529500.00	530000.00
	530500.00	531000.00	531500.00	532000.00	

4425000.00		1098.00		1080.00		1013.00		1027.00	
990.00	961.00		992.00		1100.00		1060.00		
4424500.00		1033.00		1040.00		980.00		945.00	
930.00	927.00		1024.00		1057.00		1013.00		
4424000.00		970.00		998.00		952.00		928.00	
895.00	952.00		1031.00		1037.00		991.00		
4423500.00		918.00		927.00		907.00		907.00	
864.00	945.00		1016.00		983.00		943.00		
4423000.00		847.00		848.00		862.00		880.00	
845.00	925.00		970.00		959.00		883.00		
4422500.00		813.00		813.00		843.00		847.00	
827.00	904.00		893.00		884.00		845.00		
4422000.00		794.00		789.00		812.00		817.00	
810.00	877.00		832.00		815.00		811.00		
4421500.00		763.00		775.00		785.00		790.00	
794.00	848.00		799.00		778.00		829.00		
4421000.00		755.00		759.00		762.00		767.00	
777.00	807.00		774.00		752.00		828.00		
4420500.00		754.00		745.00		747.00		753.00	
767.00	806.00		757.00		736.00		796.00		
4420000.00		771.00		739.00		738.00		742.00	
753.00	760.00		729.00		725.00		780.00		
4419500.00		776.00		741.00		733.00		727.00	
735.00	733.00		702.00		701.00		695.00		
4419000.00		770.00		737.00		730.00		719.00	
717.00	711.00		699.00		724.00		804.00		
4418500.00		771.00		744.00		725.00		724.00	
712.00	703.00		700.00		843.00		872.00		
4418000.00		772.00		743.00		729.00		717.00	
709.00	704.00		729.00		799.00		862.00		
4417500.00		755.00		739.00		731.00		723.00	
709.00	707.00		774.00		814.00		903.00		

```
  4417000.00 |        771.00       752.00       740.00       729.00
 717.00       711.00       807.00       902.00       897.00
  4416500.00 |        767.00       752.00       751.00       746.00
 732.00       716.00       803.00       870.00       950.00
  4416000.00 |        776.00       786.00       784.00       781.00
 763.00       719.00       774.00       880.00       958.00
  4415500.00 |        793.00       854.00       789.00       779.00
 742.00       726.00       810.00       902.00       981.00
  4415000.00 |        842.00       803.00       800.00       782.00
 762.00       724.00       801.00       859.00       951.00
  4414500.00 |        830.00       892.00       883.00       843.00
 745.00       736.00       797.00       893.00       961.00
  4414000.00 |        875.00       953.00       879.00       797.00
 754.00       745.00       806.00       872.00       972.00
  4413500.00 |        905.00       897.00       849.00       823.00
 736.00       764.00       846.00       899.00      1007.00
  4413000.00 |        906.00       920.00       869.00       828.00
 742.00       811.00       928.00       959.00       939.00
  4412500.00 |        947.00       852.00       852.00       750.00
 766.00       861.00       923.00       981.00       905.00
  4412000.00 |        928.00       806.00       800.00       749.00
 818.00       922.00       978.00       969.00       929.00
  4411500.00 |        909.00       790.00       778.00       785.00
 863.00       940.00       937.00       921.00       871.00
  4411000.00 |        868.00       793.00       857.00       887.00
 877.00       954.00       908.00       881.00       874.00
  4410500.00 |        765.00       818.00       872.00       970.00
 953.00       951.00       920.00       863.00       822.00
  4410000.00 |        813.00       937.00       963.00      1067.00
1033.00       940.00       902.00       853.00       830.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/26/11
```

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	532500.00	533000.00	533500.00	534000.00	534500.00
535000.00	535500.00	536000.00	536500.00		
4425000.00	1100.00	1013.00	942.00	870.00	807.00
829.00	756.00	726.00	676.00		
4424500.00	977.00	978.00	878.00	812.00	786.00
798.00	775.00	714.00	680.00		
4424000.00	936.00	949.00	873.00	797.00	760.00
745.00	755.00	737.00	712.00		
4423500.00	913.00	903.00	833.00	756.00	753.00
712.00	736.00	721.00	662.00		
4423000.00	884.00	860.00	827.00	757.00	736.00
700.00	710.00	657.00	656.00		

4422500.00	863.00	822.00	783.00	782.00	726.00
685.00	667.00	670.00	686.00		
4422000.00	869.00	794.00	731.00	739.00	697.00
696.00	659.00	725.00	738.00		
4421500.00	833.00	768.00	734.00	694.00	677.00
665.00	662.00	735.00	764.00		
4421000.00	776.00	725.00	714.00	672.00	694.00
762.00	661.00	674.00	717.00		
4420500.00	808.00	725.00	682.00	675.00	735.00
779.00	701.00	663.00	679.00		
4420000.00	730.00	687.00	708.00	697.00	774.00
762.00	772.00	682.00	666.00		
4419500.00	704.00	743.00	780.00	733.00	783.00
801.00	809.00	721.00	673.00		
4419000.00	764.00	845.00	829.00	770.00	816.00
786.00	749.00	668.00	670.00		
4418500.00	834.00	859.00	866.00	829.00	757.00
732.00	689.00	667.00	674.00		
4418000.00	891.00	946.00	914.00	812.00	758.00
697.00	663.00	694.00	732.00		
4417500.00	929.00	980.00	930.00	894.00	816.00
739.00	665.00	704.00	730.00		
4417000.00	960.00	1014.00	961.00	815.00	822.00
758.00	672.00	667.00	691.00		
4416500.00	1000.00	1008.00	934.00	815.00	733.00
685.00	665.00	676.00	701.00		
4416000.00	1014.00	918.00	855.00	774.00	688.00
666.00	712.00	724.00	713.00		
4415500.00	1013.00	945.00	847.00	749.00	712.00
673.00	667.00	731.00	712.00		
4415000.00	1001.00	900.00	811.00	769.00	740.00
696.00	669.00	685.00	709.00		

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 4414500.00 |        941.00       868.00       797.00       766.00
767.00       701.00       668.00       690.00       704.00
 4414000.00 |        976.00       900.00       871.00       778.00
764.00       694.00       671.00       713.00       742.00
 4413500.00 |        977.00       921.00       874.00       780.00
726.00       706.00       677.00       681.00       741.00
 4413000.00 |        912.00       852.00       823.00       806.00
742.00       722.00       692.00       875.00       696.00
 4412500.00 |        857.00       817.00       790.00       780.00
750.00       740.00       703.00       683.00       677.00
 4412000.00 |        855.00       806.00       770.00       742.00
728.00       728.00       710.00       744.00       674.00
 4411500.00 |        818.00       801.00       765.00       794.00
833.00       776.00       730.00       747.00       717.00
 4411000.00 |        799.00       802.00       808.00       867.00
856.00       791.00       858.00       767.00       795.00
 4410500.00 |        855.00       835.00       877.00       909.00
840.00       817.00       802.00       768.00       772.00
 4410000.00 |        838.00       902.00       933.00       884.00
863.00       855.00       815.00       777.00       756.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/26/11
                                   ***
                                   ***        14:35:06

                                              PAGE  36

**MODELOPTs:  RegDFAULT CONC
 ELEV


                                     *** NETWORK ID: PALZF000 ;  NETWORK
                                   Sayfa 177
```

TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	537000.00	537500.00	538000.00	538500.00	539000.00
539500.00	540000.00	540500.00	541000.00		
4425000.00	671.00	810.00	759.00	731.00	738.00
751.00	770.00	796.00	835.00		
4424500.00	658.00	718.00	810.00	763.00	777.00
770.00	785.00	813.00	851.00		
4424000.00	663.00	699.00	823.00	799.00	800.00
798.00	814.00	833.00	897.00		
4423500.00	663.00	729.00	838.00	881.00	826.00
817.00	861.00	860.00	845.00		
4423000.00	682.00	739.00	833.00	820.00	815.00
812.00	826.00	814.00	810.00		
4422500.00	723.00	753.00	777.00	775.00	776.00
792.00	789.00	784.00	800.00		
4422000.00	772.00	744.00	751.00	740.00	767.00
767.00	762.00	765.00	774.00		
4421500.00	751.00	729.00	726.00	720.00	728.00
735.00	742.00	750.00	780.00		
4421000.00	712.00	705.00	711.00	740.00	747.00
746.00	761.00	780.00	809.00		
4420500.00	700.00	712.00	711.00	732.00	765.00
757.00	772.00	802.00	840.00		

4420000.00		686.00	689.00	735.00	741.00
766.00	791.00	786.00	818.00	855.00	
4419500.00		679.00	713.00	788.00	778.00
783.00	817.00	808.00	826.00	873.00	
4419000.00		685.00	740.00	789.00	803.00
801.00	821.00	832.00	843.00	857.00	
4418500.00		694.00	730.00	766.00	780.00
787.00	828.00	846.00	867.00	896.00	
4418000.00		706.00	751.00	759.00	799.00
789.00	840.00	876.00	890.00	930.00	
4417500.00		728.00	761.00	782.00	857.00
810.00	845.00	905.00	933.00	973.00	
4417000.00		745.00	801.00	804.00	878.00
854.00	915.00	1009.00	999.00	1047.00	
4416500.00		753.00	816.00	839.00	915.00
986.00	981.00	1047.00	975.00	998.00	
4416000.00		759.00	799.00	823.00	847.00
940.00	937.00	982.00	966.00	919.00	
4415500.00		762.00	774.00	783.00	856.00
934.00	920.00	909.00	919.00	868.00	
4415000.00		722.00	746.00	765.00	800.00
835.00	880.00	871.00	857.00	845.00	
4414500.00		716.00	733.00	750.00	789.00
799.00	816.00	849.00	825.00	840.00	
4414000.00		777.00	802.00	759.00	762.00
779.00	788.00	799.00	796.00	846.00	
4413500.00		771.00	798.00	765.00	766.00
770.00	778.00	778.00	790.00	806.00	
4413000.00		769.00	756.00	779.00	780.00
763.00	763.00	764.00	773.00	780.00	
4412500.00		708.00	722.00	751.00	748.00
738.00	750.00	743.00	791.00	792.00	

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 4412000.00 |        689.00       701.00       713.00       716.00
728.00       742.00       751.00       771.00       779.00
 4411500.00 |        670.00       681.00       694.00       704.00
718.00       718.00       735.00       775.00       792.00
 4411000.00 |        688.00       676.00       680.00       687.00
708.00       706.00       737.00       740.00       741.00
 4410500.00 |        717.00       693.00       697.00       683.00
680.00       680.00       685.00       697.00       703.00
 4410000.00 |        719.00       761.00       736.00       734.00
705.00       680.00       677.00       679.00       710.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/26/11
                                   ***
                                   ***        14:35:06

                                              PAGE  37
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                  *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***

                                                * HILL HEIGHT SCALES IN
METERS *

    Y-COORD  |                                                 X-COORD
(METERS)
    (METERS) |     541500.00    542000.00    542500.00    543000.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

4425000.00	884.00	992.00	962.00	931.00
4424500.00	955.00	914.00	901.00	887.00
4424000.00	880.00	876.00	861.00	854.00
4423500.00	843.00	846.00	859.00	823.00
4423000.00	817.00	811.00	805.00	845.00
4422500.00	793.00	793.00	825.00	777.00
4422000.00	772.00	822.00	872.00	989.00
4421500.00	816.00	865.00	907.00	1051.00
4421000.00	876.00	976.00	1068.00	1124.00
4420500.00	932.00	1047.00	1080.00	1086.00
4420000.00	936.00	1074.00	1024.00	1042.00
4419500.00	982.00	959.00	958.00	985.00
4419000.00	918.00	1025.00	1048.00	1060.00
4418500.00	971.00	1096.00	1068.00	1110.00
4418000.00	1022.00	1048.00	1069.00	1051.00
4417500.00	1023.00	1022.00	1017.00	984.00
4417000.00	967.00	1027.00	968.00	999.00
4416500.00	987.00	951.00	968.00	997.00
4416000.00	943.00	919.00	1047.00	1084.00
4415500.00	889.00	1000.00	1038.00	1054.00
4415000.00	893.00	945.00	981.00	1001.00
4414500.00	934.00	947.00	931.00	978.00
4414000.00	856.00	896.00	892.00	916.00
4413500.00	820.00	851.00	853.00	883.00
4413000.00	799.00	812.00	824.00	835.00
4412500.00	774.00	781.00	798.00	797.00
4412000.00	752.00	774.00	779.00	773.00
4411500.00	746.00	779.00	766.00	754.00
4411000.00	732.00	775.00	753.00	745.00
4410500.00	742.00	753.00	740.00	727.00
4410000.00	745.00	738.00	732.00	710.00

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/26/11
***
*** 14:35:06

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**MODELOPTs: RegDFAULT CONC
ELEV

*** DISCRETE CARTESIAN
RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,
ZHILL, ZFLAG)

(METERS)

(537268.0, 4419321.0, 708.0, 708.0, 0.0); (533288.0, 4420664.0, 702.0, 702.0, 0.0);
(530873.0, 4418253.0, 707.0, 707.0, 0.0); (532253.0, 4419045.0, 772.0, 772.0, 0.0);
(534268.0, 4421987.0, 720.0, 720.0, 0.0); (536366.0, 4419557.0, 688.0, 688.0, 0.0);
(534987.0, 4418091.0, 692.0, 692.0, 0.0); (530614.0, 4415312.0, 729.0, 729.0, 0.0);
(538946.0, 4413223.0, 762.0, 762.0, 0.0); (541693.0, 4411996.0, 758.0, 758.0, 0.0);

*** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/26/11
***
*** 14:35:06

**MODELOPTs: RegDFAULT CONC
ELEV

* 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)
9ZYI900Q	530500.0	4419000.0	-5.40
9ZYI900R	530500.0	4419000.0	-12.69
9ZYI90E1	537000.0	4416500.0	-5.95
9ZYI90EL	537000.0	4416000.0	-16.08
9ZYI90EM	537000.0	4416000.0	-4.32
9ZYI90J4	539500.0	4413000.0	-1.99

**MODELOPTs: RegDFAULT CONC ELEV

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

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

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO

DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

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

1.54, 3.09, 5.14, 8.23, 10.80,

*** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/26/11
***
*** 14:35:06

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**MODELOPTs: RegDFAULT CONC
ELEV

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

Surface file: C:\idk.nox\o.VERIM.SFC
Met Version: 06341
Profile file: C:\idk.nox\o.VERIM.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 17135 Upper air station no.: 17130

Name: UNKNOWN Name: UNKNOWN

Year: 2004 Year: 2004

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
04	01	01	1	01	-3.7	0.087	-9.000	-9.000	-999.	59.	15.8	0.99	2.27	1.00	1.00	1.	10.0	271.4	2.0
04	01	01	1	02	-24.5	0.416	-9.000	-9.000	-999.	618.	266.2	0.99	2.27	1.00	2.60	48.	10.0	270.9	2.0
04	01	01	1	03	-24.5	0.416	-9.000	-9.000	-999.	618.	266.2	0.99	2.27	1.00	2.60	54.	10.0	270.9	2.0
04	01	01	1	04	-10.7	0.183	-9.000	-9.000	-999.	232.	51.1	0.99	2.27	1.00	1.50	53.	10.0	270.9	2.0
04	01	01	1	05	-3.7	0.087	-9.000	-9.000	-999.	70.	15.8	0.99	2.27	1.00	1.00	3.	10.0	271.4	2.0
04	01	01	1	06	-0.9	0.043	-9.000	-9.000	-999.	21.	7.9	0.99	2.27	1.00	0.50	22.	10.0	271.4	2.0
04	01	01	1	07	-3.7	0.087	-9.000	-9.000	-999.	59.	15.8	0.99	2.27	1.00	1.00	25.	10.0	271.4	2.0
04	01	01	1	08	-10.5	0.190	-9.000	-9.000	-999.	190.	58.5	0.99	2.27	0.53	1.50	73.	10.0	272.0	2.0
04	01	01	1	09	-1.7	0.253	-9.000	-9.000	-999.	293.	847.3	0.99	2.27	0.26	1.50	67.	10.0	272.0	2.0
04	01	01	1	10	15.0	0.207	0.305	0.005	68.	217.	-53.0	0.99	2.27	0.17	1.00	71.	10.0	272.0	2.0

```
04 01 01   1 11   26.8  0.295  0.521  0.005  190.  368.    -86.3  0.99
2.27   0.13    1.50   94.   10.0  272.5    2.0
04 01 01   1 12   32.3  0.142  0.671  0.005  338.  138.     -8.0  0.99
2.27   0.12    0.50  176.   10.0  273.1    2.0
04 01 01   1 13   31.3  0.298  0.747  0.005  481.  374.    -76.5  0.99
2.27   0.12    1.50   73.   10.0  273.8    2.0
04 01 01   1 14   23.7  0.292  0.716  0.005  558.  363.    -94.6  0.99
2.27   0.14    1.50   69.   10.0  273.8    2.0
04 01 01   1 15   10.1  0.375  0.541  0.005  564.  528.   -470.0  0.99
2.27   0.19    2.10   72.   10.0  273.1    2.0
04 01 01   1 16   -6.4  0.231 -9.000 -9.000 -999.  267.    173.2  0.99
2.27   0.32    1.50   94.   10.0  273.1    2.0
04 01 01   1 17  -10.1  0.145 -9.000 -9.000 -999.  130.     27.3  0.99
2.27   1.00    1.50   91.   10.0  273.1    2.0
04 01 01   1 18  -10.1  0.145 -9.000 -9.000 -999.  127.     27.3  0.99
2.27   1.00    1.50   67.   10.0  273.1    2.0
04 01 01   1 19   -1.0  0.043 -9.000 -9.000 -999.   30.      7.3  0.99
2.27   1.00    0.50   74.   10.0  273.1    2.0
04 01 01   1 20   -1.0  0.043 -9.000 -9.000 -999.   21.      7.3  0.99
2.27   1.00    0.50   47.   10.0  273.8    2.0
04 01 01   1 21   -4.0  0.087 -9.000 -9.000 -999.   59.     14.5  0.99
2.27   1.00    1.00  160.   10.0  273.1    2.0
04 01 01   1 22   -1.0  0.043 -9.000 -9.000 -999.   21.      7.3  0.99
2.27   1.00    0.50  202.   10.0  273.1    2.0
04 01 01   1 23   -4.0  0.087 -9.000 -9.000 -999.   59.     14.5  0.99
2.27   1.00    1.00  110.   10.0  273.1    2.0
04 01 01   1 24  -21.6  0.310 -9.000 -9.000 -999.  397.    124.6  0.99
2.27   1.00    2.10   70.   10.0  272.5    2.0


First hour of profile data
YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
```

 04 01 01 01   10.0 1   1.   1.00   271.5   99.0 -99.00 -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/26/11
                                   ***
                                   ***   14:35:06

 **MODELOPTs: RegDFAULT CONC
  ELEV

                  *** THE ANNUAL AVERAGE CONCENTRATION   VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: 1ALT   ***
                                INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   ,

                                 *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

    Y-COORD | X-COORD
(METERS)
    (METERS) | 528000.00   528500.00   529000.00   529500.00
530000.00   530500.00   531000.00   531500.00   532000.00
 -
- -

4425000.00	0.14075	0.17670	0.25579	0.24209	0.24749
4424500.00	0.21086	0.21010	0.14718	0.21449	0.17233
4424000.00	0.20102	0.29538	0.35568	0.33635	0.25606
4423500.00	0.22038	0.19733	0.26932	0.15469	0.19560
4423000.00	0.29316	0.40615	0.42528	0.32238	0.24378
4422500.00	0.22716	0.27780	0.10252	0.14853	0.24298
4422000.00	0.38797	0.38832	0.39772	0.29191	0.26855
4421500.00	0.24895	0.05629	0.06392	0.10453	0.23379
4421000.00	0.25371	0.48987	0.38444	0.32403	0.17857
4420500.00	0.04747	0.04926	0.06391	0.08991	0.11339
4420000.00	0.47898	0.57244	0.45211	0.16688	0.04734
4419500.00	0.04801	0.05269	0.05721	0.06356	0.26064
4419000.00	0.23641	0.17626	0.13135	0.04911	0.05029
4418500.00	0.05195	0.05412	0.05728	0.09625	0.08137
4418000.00	0.08174	0.27634	0.05327	0.05404	0.05490
4417500.00	0.05632	0.05862	0.06493	0.06593	0.07130
	0.27964	0.05801	0.05808	0.05936	0.06085
	0.06286	0.06897	0.06848	0.07389	0.09660
	0.06727	0.06211	0.06398	0.06618	0.06895
	0.07131	0.07419	0.07915	0.08596	0.07020
	0.06658	0.06875	0.07130	0.07452	0.07783
	0.08239	0.08783	0.09545	0.07132	0.07218
	0.07489	0.07810	0.08173	0.08617	0.09187
	0.09761	0.16180	0.08356	0.08153	0.08421
	0.08778	0.09232	0.09787	0.10447	0.32819
	0.74110	0.10770	0.09436	0.09667	0.10109
	0.10692	0.11405	0.12216	0.18243	0.51160
	4417500.00	0.10637	0.10453	0.10874	0.11464
	0.12240	0.13237	0.18780	0.62750	2.84971

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  4417000.00 |       0.12290      0.11458      0.11852      0.12591
0.13619      0.14962      0.27094      1.06480      1.13090
  4416500.00 |       0.11521      0.12007      0.12925      0.14017
0.15311      0.17023      0.45921      3.25412      3.34458
  4416000.00 |       0.14377      0.19019      0.22337      0.25586
0.21653      0.19466      0.35169      5.43506      2.82441
  4415500.00 |       0.33790      1.99919      0.40539      0.33129
0.20221      0.21095      0.76816      1.69610      2.00507
  4415000.00 |       1.89590      0.68639      0.62778      0.32702
0.22177      0.21896      0.34462      2.47240      3.58621
  4414500.00 |       1.34989      2.27993      1.65230      0.65408
0.20635      0.23467      0.65903      5.88577      3.12820
  4414000.00 |       1.28895      0.94057      0.63561      0.26822
0.23256      0.25837      1.24899      4.94112      1.56249
  4413500.00 |       0.64016      0.69991      0.90178      1.06224
0.23296      0.31535      3.08636      1.91684      0.75430
  4413000.00 |       0.84495      1.40234      2.49238      1.85141
0.23183      1.05215      1.59593      0.72037      0.42622
  4412500.00 |       1.29643      2.19495      2.84840      0.22765
0.25583      1.38201      0.64067      0.46083      0.28736
  4412000.00 |       2.13641      0.86019      0.71988      0.19697
0.56037      0.63234      0.43760      0.34433      0.37027
  4411500.00 |       2.85032      0.47488      0.28127      0.23267
0.45506      0.37311      0.27627      0.27064      0.41490
  4411000.00 |       2.75187      0.40173      1.07852      0.55753
0.23505      0.28170      0.20868      0.26294      0.69393
  4410500.00 |       0.19332      0.47759      0.50252      0.39419
0.26951      0.23350      0.24056      0.35608      0.52495
  4410000.00 |       0.40045      0.59022      0.37960      0.20687
0.20892      0.21902      0.27346      0.50753      0.76623
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/26/11
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)									
	532500.00	533000.00	533500.00	534000.00	534500.00	535000.00	535500.00	536000.00	536500.00	
4425000.00	0.17940	0.29979	0.27750	0.15920	0.12655	0.22442	0.13055	0.13330	0.14375	
4424500.00	0.37118	0.36712	0.26563	0.11144	0.11903	0.15836	0.14597	0.14283	0.15497	
4424000.00	0.42450	0.43670	0.31812	0.11106						

0.11967	0.13524	0.14780	0.15291	0.16408	
4423500.00	|	0.39429	0.52371	0.24188	0.10923
0.12578	0.14346	0.15671	0.16641	0.18003	
4423000.00	|	0.27424	0.40874	0.24970	0.11518
0.13334	0.15518	0.17069	0.18429	0.19709	
4422500.00	|	0.17072	0.18693	0.12392	0.13051
0.14302	0.17056	0.18985	0.20688	0.22224	
4422000.00	|	0.20559	0.10828	0.10890	0.12851
0.15647	0.18662	0.21124	0.22896	0.24828	
4421500.00	|	0.20296	0.09726	0.11352	0.13901
0.17321	0.20933	0.24167	0.26326	0.29803	
4421000.00	|	0.09965	0.10037	0.11927	0.15030
0.18921	0.23917	0.28272	0.31780	0.32004	
4420500.00	|	0.19090	0.10512	0.12892	0.16197
0.20724	0.28639	0.34147	0.38052	0.36789	
4420000.00	|	0.09605	0.11376	0.13386	0.17194
0.24507	0.33499	0.43294	0.48142	0.40798	
4419500.00	|	0.10507	0.11840	0.16812	0.18306
0.29635	0.44775	0.65948	0.60176	0.45288	
4419000.00	|	0.11655	0.16410	0.22900	0.21770
0.42080	0.55938	0.82188	0.74769	0.50088	
4418500.00	|	0.50962	0.78426	0.36968	0.29839
0.35587	0.72317	1.26710	0.86768	0.62605	
4418000.00	|	0.67084	1.08335	1.56630	0.59951
0.46129	0.69710	1.23719	1.11734	0.79361	
4417500.00	|	2.94982	2.51804	4.46566	7.05547
2.85030	0.94370	0.34896	1.10528	0.74650	
4417000.00	|	1.87208	2.45405	4.99659	4.43406
5.64487	2.24501	0.67997	0.56458	0.45272	
4416500.00	|	2.78985	3.08071	3.82890	5.02553
1.06409	1.26578	0.73361	0.48941	0.31133	
4416000.00	|	2.20270	4.44630	11.09340	0.67753

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0.83436      0.79653      0.53689      0.40969      0.26981
  4415500.00 |        2.43752      5.57229      1.63892      0.50147
0.66498      0.55170      0.40171      0.34421      0.24515
  4415000.00 |        2.49126      2.42873      0.36569      0.49608
0.53073      0.39261      0.30781      0.28771      0.22781
  4414500.00 |        1.92989      0.44266      0.34867      0.48834
0.44018      0.29847      0.24523      0.23336      0.20932
  4414000.00 |        0.83803      0.44785      1.36340      0.52725
0.33010      0.24189      0.20328      0.18967      0.18852
  4413500.00 |        0.55036      0.64622      2.39071      0.45949
0.25759      0.19834      0.17412      0.16774      0.16586
  4413000.00 |        0.39123      0.88300      1.35117      0.62327
0.21242      0.16769      0.14866      0.29637      0.14653
  4412500.00 |        0.41623      0.73089      0.50628      0.28662
0.17976      0.14677      0.13044      0.12798      0.13160
  4412000.00 |        0.73137      0.65272      0.30623      0.20515
0.15693      0.13081      0.11713      0.10854      0.11715
  4411500.00 |        0.58855      0.58464      0.25226      0.20614
0.23019      0.13690      0.10664      0.09902      0.10212
  4411000.00 |        0.44294      0.56640      0.42486      0.34477
0.28976      0.15493      0.54625      0.09412      0.09731
  4410500.00 |        1.55529      1.13964      0.85327      0.35450
0.24003      0.25105      0.17209      0.08870      0.08427
  4410000.00 |        1.21752      1.40288      0.61140      0.25886
0.30039      0.45160      0.22047      0.08794      0.07728
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/26/11
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                                  ***        14:35:06

                                             PAGE  44
 **MODELOPTs:  RegDFAULT CONC
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ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	537000.00	537500.00	538000.00	538500.00	539000.00
4425000.00	0.15224	0.29580	0.17420	0.15404	0.13697
4424500.00	0.16174	0.17090	0.32605	0.16244	0.13959
4424000.00	0.17513	0.18086	0.40477	0.19381	0.13943
4423500.00	0.18948	0.19288	0.47602	0.36075	0.14076
4423000.00	0.20883	0.20385	0.35393	0.16959	0.12932

4422500.00	0.22628	0.21468	0.18191	0.14398	0.12352
4422000.00	0.27611	0.21474	0.17261	0.14336	0.12933
4421500.00	0.26803	0.21489	0.17235	0.14962	0.14228
4421000.00	0.27663	0.21796	0.17839	0.16256	0.16433
4420500.00	0.28910	0.22188	0.19410	0.18639	0.19934
4420000.00	0.30508	0.24673	0.22393	0.21173	0.20117
4419500.00	0.33692	0.28327	0.34601	0.23906	0.20616
4419000.00	0.39993	0.33226	0.29772	0.33461	0.34895
4418500.00	0.48479	0.37297	0.32032	0.29632	0.26005
4418000.00	0.54884	0.39613	0.30421	0.26762	0.21851
4417500.00	0.49874	0.37208	0.33019	1.16627	0.39097
4417000.00	0.34146	0.29729	0.24828	0.48018	0.42626
4416500.00	0.23106	0.31851	0.51238	0.55663	0.41641
4416000.00	0.18780	0.15055	0.16528	0.31912	0.44282
4415500.00	0.17974	0.13489	0.10920	0.13196	0.24075
4415000.00	0.16651	0.13151	0.10470	0.08879	0.09054

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  4414500.00 |       0.15930      0.12558      0.10492      0.08970
0.07475      0.07025      0.08082      0.07361      0.10085
  4414000.00 |       0.15944      0.13265      0.10314      0.08892
0.07536      0.06402      0.05851      0.05502      0.06921
  4413500.00 |       0.15669      0.12358      0.09832      0.08892
0.07823      0.06633      0.05651      0.05150      0.05016
  4413000.00 |       0.14941      0.11758      0.09556      0.08848
0.07715      0.06804      0.05840      0.05107      0.04632
  4412500.00 |       0.12962      0.11547      0.09401      0.07988
0.07273      0.06728      0.05988      0.05656      0.04824
  4412000.00 |       0.11981      0.11238      0.09570      0.08025
0.07049      0.06528      0.06099      0.05695      0.05024
  4411500.00 |       0.10893      0.10850      0.09637      0.08131
0.06959      0.06354      0.05931      0.05959      0.05787
  4411000.00 |       0.10015      0.10159      0.09584      0.08324
0.07003      0.06274      0.05751      0.05470      0.05118
  4410500.00 |       0.09006      0.09481      0.09183      0.08362
0.07328      0.06475      0.05858      0.05418      0.05104
  4410000.00 |       0.08258      0.09084      0.08859      0.08150
0.07157      0.06480      0.05825      0.05435      0.04984
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/26/11
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                                  ***         14:35:06

                                                PAGE  45
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
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AVERAGED OVER 1 YEARS FOR SOURCE GROUP: 1ALT *** INCLUDING SOURCE(S): BACA1A , BACA1B ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 541500.00	542000.00	542500.00	543000.00
4425000.00	0.14233	0.30010	0.41257	0.55645
4424500.00	0.30319	0.41825	0.58157	0.66093
4424000.00	0.37151	0.55236	0.58097	0.55317
4423500.00	0.39785	0.51311	0.63740	0.31680
4423000.00	0.30804	0.27163	0.22036	0.40827
4422500.00	0.19447	0.17877	0.27524	0.11096
4422000.00	0.14056	0.24404	0.31515	0.39317
4421500.00	0.20188	0.25776	0.30409	0.30191
4421000.00	0.27699	0.44345	0.29466	0.18088
4420500.00	0.51745	0.37868	0.28989	0.26775
4420000.00	0.74474	0.33454	0.44092	0.36530
4419500.00	0.61537	0.59009	0.50573	0.40551
4419000.00	0.50077	0.35328	0.28000	0.23555
4418500.00	0.35269	0.20505	0.22036	0.15906
4418000.00	0.33808	0.27562	0.22817	0.23993
4417500.00	0.37102	0.34776	0.33674	0.37804

4417000.00	0.41658	0.31002	0.37970	0.31880
4416500.00	0.28307	0.26820	0.26729	0.25170
4416000.00	0.23122	0.19282	0.18691	0.14536
4415500.00	0.31032	0.22989	0.18817	0.16330
4415000.00	0.30463	0.26459	0.22986	0.20506
4414500.00	0.19828	0.21891	0.23846	0.21320
4414000.00	0.08379	0.13473	0.16489	0.19563
4413500.00	0.05166	0.06488	0.07448	0.11312
4413000.00	0.04471	0.04505	0.04745	0.05296
4412500.00	0.04249	0.03998	0.03953	0.03871
4412000.00	0.04328	0.03952	0.03709	0.03540
4411500.00	0.04507	0.04102	0.03693	0.03458
4411000.00	0.04667	0.04333	0.03802	0.03494
4410500.00	0.04768	0.04406	0.03963	0.03626
4410000.00	0.04764	0.04458	0.04106	0.03792

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/26/11
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*** 14:35:06

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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
537268.00	4419321.00	0.31898	533288.00	4420664.00	0.11481
530873.00	4418253.00	0.11039	532253.00	4419045.00	0.11209
534268.00	4421987.00	0.14216	536366.00	4419557.00	0.49188
534987.00	4418091.00	0.71610	530614.00	4415312.00	0.21936
538946.00	4413223.00	0.07840	541693.00	4411996.00	0.04161

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/26/11
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*** 14:35:06

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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: 2ALT ***

INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	528000.00	528500.00	529000.00	529500.00	530000.00
530500.00	531000.00	531500.00	532000.00		
4425000.00	0.14081	0.17676	0.25587	0.24217	0.24756
0.21094	0.21018	0.14727	0.21461		
4424500.00	0.17239	0.20109	0.29546	0.35576	0.33643
0.25615	0.22046	0.19743	0.26945		
4424000.00	0.15475	0.19566	0.29324	0.40625	0.42538
0.32247	0.24387	0.22726	0.27793		
4423500.00	0.10258	0.14859	0.24305	0.38806	0.38844
0.39782	0.29201	0.26864	0.24907		
4423000.00	0.05635	0.06399	0.10460	0.23388	0.25383
0.48998	0.38454	0.32413	0.17869		
4422500.00	0.04754	0.04933	0.06398	0.08999	0.11350
0.47910	0.57257	0.45224	0.16701		
4422000.00	0.04741	0.04808	0.05276	0.05729	0.06365
0.26074	0.23658	0.17646	0.13153		
4421500.00	0.04927	0.05039	0.05204	0.05421	0.05738
0.09635	0.08153	0.08208	0.27654		

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  4421000.00 |       0.05379      0.05432      0.05508      0.05645
0.05873      0.06504      0.06608      0.07226      0.27987
  4420500.00 |       0.05900      0.05947      0.06029      0.06130
0.06302      0.06909      0.06871      0.07487      0.09680
  4420000.00 |       0.06765      0.06456      0.06657      0.06812
0.06970      0.07164      0.07511      0.07994      0.08614
  4419500.00 |       0.07044      0.06835      0.07158      0.07484
0.07800      0.08135      0.08393      0.08862      0.09592
  4419000.00 |       0.07153      0.07340      0.07657      0.07999
0.08416      0.08883      0.09432      0.10285      0.16216
  4418500.00 |       0.08393      0.08316      0.08657      0.08996
0.09357      0.09884      0.10567      0.32845      0.74141
  4418000.00 |       0.10852      0.09893      0.10399      0.10709
0.11124      0.11756      0.12964      0.18298      0.51206
  4417500.00 |       0.10939      0.11233      0.11917      0.12589
0.13066      0.14081      0.18917      0.62842      2.85042
  4417000.00 |       0.12375      0.11705      0.12316      0.13181
0.14086      0.15331      0.27153      1.06531      1.13161
  4416500.00 |       0.11570      0.12123      0.13067      0.14247
0.15882      0.17879      0.46082      3.25550      3.34598
  4416000.00 |       0.14456      0.19118      0.22482      0.25787
0.22011      0.21985      0.35506      5.43641      2.82535
  4415500.00 |       0.33955      2.00016      0.40756      0.33399
0.21705      0.23202      0.76934      1.69683      2.00600
  4415000.00 |       1.89700      0.68820      0.62958      0.32879
0.22355      0.22473      0.34570      2.47375      3.58759
  4414500.00 |       1.35096      2.28048      1.65277      0.65457
0.20936      0.24475      0.66145      5.88719      3.12913
  4414000.00 |       1.28935      0.94086      0.63598      0.26905
0.23744      0.27184      1.25148      4.94217      1.56291
  4413500.00 |       0.64044      0.70026      0.90244      1.06359
0.25357      0.32002      3.08744      1.91729      0.75455
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  4413000.00 |       0.84531      1.40284      2.49329      1.85298
0.24806      1.05349      1.59630      0.72060      0.42644
  4412500.00 |       1.29689      2.19598      2.84957      0.23765
0.25837      1.38242      0.64089      0.46100      0.28760
  4412000.00 |       2.13702      0.86207      0.72186      0.20335
0.56086      0.63254      0.43776      0.34450      0.37055
  4411500.00 |       2.85101      0.47705      0.28296      0.23329
0.45528      0.37325      0.27641      0.27084      0.41533
  4411000.00 |       2.75266      0.40297      1.07886      0.55773
0.23521      0.28182      0.20884      0.26322      0.69448
  4410500.00 |       0.19567      0.47801      0.50271      0.39431
0.26962      0.23362      0.24074      0.35646      0.52584
  4410000.00 |       0.40087      0.59037      0.37971      0.20696
0.20902      0.21915      0.27368      0.50804      0.76716
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/26/11
                                   ***
                                   ***        14:35:06

                                              PAGE  48
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: 2ALT     ***
                                 INCLUDING SOURCE(S):      BACA1A   ,
BACA1B   , ON.ISIT.,

                                  *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***
```

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

Y-COORD (METERS)	X-COORD (METERS)				
	532500.00	533000.00	533500.00	534000.00	534500.00
535000.00	535500.00	536000.00	536500.00		
4425000.00	0.17953	0.29992	0.27763	0.15937	0.12685
0.22481	0.13193	0.13592	0.14500		
4424500.00	0.37133	0.36727	0.26579	0.11164	0.11937
0.15886	0.14655	0.14451	0.15655		
4424000.00	0.42466	0.43686	0.31830	0.11128	0.12032
0.13820	0.14936	0.15534	0.16575		
4423500.00	0.39447	0.52391	0.24211	0.10974	0.12683
0.14634	0.16140	0.16873	0.18231		
4423000.00	0.27441	0.40898	0.24998	0.11573	0.13563
0.15723	0.17346	0.18576	0.20002		
4422500.00	0.17088	0.18724	0.12435	0.13084	0.14542
0.17277	0.19184	0.20870	0.22658		
4422000.00	0.20574	0.10860	0.11362	0.13098	0.15742
0.18887	0.21326	0.23267	0.25676		
4421500.00	0.20314	0.09758	0.11796	0.14094	0.17451
0.21150	0.24385	0.26837	0.30061		
4421000.00	0.09999	0.10265	0.12216	0.15260	0.19043
0.24066	0.28512	0.32227	0.33149		
4420500.00	0.19120	0.11013	0.13021	0.16450	0.21094
0.28764	0.34436	0.38623	0.37334		
4420000.00	0.09928	0.11593	0.13601	0.17438	

```
0.24595      0.33697      0.43465      0.48964      0.41132
  4419500.00 |       0.10557      0.12073      0.16870      0.18751
0.29746      0.44959      0.66169      0.62091      0.45559
  4419000.00 |       0.11696      0.16439      0.22942      0.21867
0.42210      0.56220      0.83254      0.75321      0.50590
  4418500.00 |       0.51006      0.78474      0.37020      0.29916
0.35910      0.74395      1.28428      0.87544      0.63346
  4418000.00 |       0.67131      1.08387      1.56706      0.60100
0.46494      0.72140      1.26340      1.13024      0.81725
  4417500.00 |       2.95064      2.51900      4.46722      7.05845
2.85934      1.29747      0.38968      1.12387      0.76489
  4417000.00 |       1.87305      2.45552      4.99952      4.44051
5.65884      2.27020      0.69357      0.56953      0.45685
  4416500.00 |       2.79129      3.08219      3.83151      5.03175
1.08117      1.27965      0.74057      0.49306      0.31283
  4416000.00 |       2.20368      4.44852     11.09662      0.67980
0.85151      0.80393      0.54381      0.41477      0.27339
  4415500.00 |       2.43894      5.57395      1.63998      0.50604
0.69351      0.55746      0.40491      0.35075      0.24771
  4415000.00 |       2.49232      2.42944      0.36660      0.49980
0.54039      0.39761      0.31051      0.29031      0.22950
  4414500.00 |       1.93042      0.44314      0.35005      0.49235
0.44197      0.30318      0.24770      0.23554      0.21121
  4414000.00 |       0.83833      0.44833      1.36471      0.53008
0.33135      0.24581      0.20573      0.19221      0.19134
  4413500.00 |       0.55063      0.64683      2.39208      0.46143
0.26093      0.20249      0.17674      0.16923      0.16872
  4413000.00 |       0.39158      0.88400      1.35289      0.62433
0.21434      0.17322      0.15106      0.29664      0.14818
  4412500.00 |       0.41680      0.73234      0.50822      0.28750
0.18099      0.15037      0.13292      0.12916      0.13308
  4412000.00 |       0.73212      0.65438      0.30812      0.20727
```

0.15940 0.13549 0.11993 0.10962 0.11837
4411500.00 | 0.58969 0.58629 0.25378 0.20658
0.23050 0.13755 0.11039 0.09993 0.10349
4411000.00 | 0.44442 0.56783 0.42553 0.34503
0.29001 0.15545 0.54652 0.09445 0.09753
4410500.00 | 1.55619 1.14050 0.85363 0.35469
0.24029 0.25144 0.17248 0.08902 0.08450
4410000.00 | 1.21849 1.40335 0.61163 0.25904
0.30060 0.45187 0.22080 0.08821 0.07766
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/26/11
***
*** 14:35:06

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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT.,

*** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

Y-COORD | X-COORD

```
(METERS)
    (METERS) |     537000.00    537500.00    538000.00    538500.00
539000.00    539500.00    540000.00    540500.00    541000.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  4425000.00 |       0.15463      0.29667      0.17654      0.15863
0.13906      0.11801      0.10048      0.08936      0.09275
  4424500.00 |       0.16455      0.17711      0.32691      0.16361
0.13996      0.11398      0.09830      0.09246      0.11432
  4424000.00 |       0.17871      0.18545      0.40549      0.19426
0.13967      0.11227      0.10164      0.10697      0.24209
  4423500.00 |       0.19378      0.20073      0.47659      0.36101
0.14095      0.11418      0.13637      0.18083      0.26271
  4423000.00 |       0.21454      0.20993      0.35438      0.16984
0.12950      0.11531      0.13494      0.16989      0.22297
  4422500.00 |       0.23588      0.21721      0.18237      0.14424
0.12374      0.12072      0.13568      0.15420      0.22663
  4422000.00 |       0.27783      0.21735      0.17329      0.14416
0.12971      0.13275      0.14090      0.14827      0.15639
  4421500.00 |       0.27155      0.21702      0.17343      0.15129
0.14796      0.15234      0.15223      0.14689      0.15813
  4421000.00 |       0.27974      0.21882      0.17960      0.16747
0.17000      0.16852      0.16393      0.16297      0.17081
  4420500.00 |       0.29051      0.22322      0.19881      0.19895
0.20103      0.17659      0.16209      0.16013      0.22419
  4420000.00 |       0.30669      0.25051      0.23786      0.22005
0.20211      0.18869      0.16475      0.24486      0.56773
  4419500.00 |       0.34132      0.29661      0.34721      0.23984
0.20683      0.30674      0.30479      0.48376      0.93223
  4419000.00 |       0.40704      0.33907      0.29868      0.33556
0.34994      0.54340      0.60753      0.59603      0.54136
```

4418500.00	0.48968	0.38705	0.32221	0.29754	0.26089
4418000.00	0.55655	0.39869	0.30550	0.26833	0.21916
4417500.00	0.51322	0.37426	0.33153	1.16706	0.39181
4417000.00	0.34487	0.29810	0.24891	0.48062	0.42668
4416500.00	0.23211	0.31915	0.51293	0.55699	0.41666
4416000.00	0.18838	0.15086	0.16560	0.31946	0.44309
4415500.00	0.18050	0.13523	0.10943	0.13213	0.24091
4415000.00	0.16963	0.13289	0.10500	0.08895	0.09066
4414500.00	0.16081	0.12822	0.10582	0.08990	0.07488
4414000.00	0.15992	0.13299	0.10374	0.08930	0.07554
4413500.00	0.15725	0.12388	0.09873	0.08931	0.07850
4413000.00	0.15003	0.11812	0.09583	0.08878	0.07754
4412500.00	0.13143	0.11716	0.09455	0.08057	0.07415
4412000.00	0.12128	0.11350	0.09648	0.08094	0.07179
4411500.00	0.11029	0.10985	0.09710	0.08177	0.07033
4411000.00	0.10137	0.10292	0.09688	0.08381	0.07047

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  4410500.00 |       0.09166      0.09600      0.09280      0.08435
0.07384      0.06532      0.05921      0.05484      0.05171
  4410000.00 |       0.08396      0.09143      0.09041      0.08286
0.07203      0.06530      0.05880      0.05504      0.05060
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***         10/26/11
                                   ***
                                   ***         14:35:06

                                                PAGE  50
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: 2ALT     ***
                                INCLUDING SOURCE(S):      BACA1A   ,
BACA1B   , ON.ISIT.,

                                 *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***

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

    Y-COORD  |                                              X-COORD
(METERS)
    (METERS) |     541500.00    542000.00    542500.00    543000.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4425000.00	0.14243	0.30020	0.41271	0.55665
4424500.00	0.30331	0.41842	0.58181	0.66122
4424000.00	0.37173	0.55266	0.58133	0.55355
4423500.00	0.39825	0.51355	0.63779	0.31727
4423000.00	0.30863	0.27224	0.22092	0.40858
4422500.00	0.19522	0.17940	0.27558	0.11131
4422000.00	0.14139	0.24436	0.31535	0.39330
4421500.00	0.20219	0.25796	0.30426	0.30204
4421000.00	0.27721	0.44363	0.29482	0.18104
4420500.00	0.51769	0.37889	0.29009	0.26794
4420000.00	0.74505	0.33477	0.44115	0.36551
4419500.00	0.61565	0.59035	0.50596	0.40569
4419000.00	0.50101	0.35345	0.28015	0.23567
4418500.00	0.35287	0.20520	0.22050	0.15918
4418000.00	0.33829	0.27581	0.22835	0.24010
4417500.00	0.37129	0.34800	0.33696	0.37826
4417000.00	0.41681	0.31022	0.37990	0.31899
4416500.00	0.28321	0.26834	0.26743	0.25183
4416000.00	0.23135	0.19294	0.18700	0.14545
4415500.00	0.31051	0.23001	0.18828	0.16340
4415000.00	0.30480	0.26473	0.22999	0.20517
4414500.00	0.19839	0.21903	0.23858	0.21331
4414000.00	0.08388	0.13483	0.16500	0.19573
4413500.00	0.05174	0.06495	0.07455	0.11320
4413000.00	0.04478	0.04511	0.04752	0.05303
4412500.00	0.04258	0.04005	0.03959	0.03878
4412000.00	0.04354	0.03960	0.03716	0.03547
4411500.00	0.04549	0.04111	0.03703	0.03475
4411000.00	0.04752	0.04344	0.03825	0.03522
4410500.00	0.04849	0.04445	0.04013	0.03672
4410000.00	0.04841	0.04543	0.04179	0.03826

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT.,

*** DISCRETE CARTESIAN
RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
537268.00	4419321.00	0.33073	533288.00	4420664.00	0.11576
530873.00	4418253.00	0.11190	532253.00	4419045.00	0.11245
534268.00	4421987.00	0.14396	536366.00	4419557.00	0.49496
534987.00	4418091.00	0.73441			

530614.00   4415312.00   0.23083
        538946.00   4413223.00   0.07879
541693.00   4411996.00   0.04177
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/26/11
                                   ***
                                   ***   14:35:06

                                              PAGE 52
 **MODELOPTs: RegDFAULT CONC
  ELEV

                  *** THE ANNUAL AVERAGE CONCENTRATION   VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: 3ALT-KUM ***
                                INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   , ON.ISIT., CALIK1   , CALIK2   , CALIK3   ,

                                *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

    Y-COORD | X-COORD
(METERS)
    (METERS) | 528000.00   528500.00   529000.00   529500.00
530000.00   530500.00   531000.00   531500.00   532000.00
 -
- -

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  4425000.00 |       0.34206      0.35728      0.34831      0.34833
0.31461      0.26451      0.27976      0.35187      0.38366
  4424500.00 |       0.41444      0.45587      0.39333      0.41552
0.39202      0.31226      0.39685      0.43325      0.40504
  4424000.00 |       0.27470      0.43171      0.37703      0.46961
0.48349      0.41048      0.68039      0.69516      0.48894
  4423500.00 |       0.16238      0.21457      0.30341      0.45041
0.45028      0.49311      0.84423      0.53962      0.35137
  4423000.00 |       0.11317      0.12273      0.16513      0.29675
0.31960      0.56664      0.56720      0.46607      0.25649
  4422500.00 |       0.10528      0.10924      0.12758      0.15592
0.18187      0.55080      0.64712      0.53044      0.25071
  4422000.00 |       0.10669      0.10958      0.11795      0.12568
0.13493      0.33588      0.31690      0.26018      0.22013
  4421500.00 |       0.11066      0.11505      0.12021      0.12604
0.13321      0.17918      0.16658      0.17112      0.37542
  4421000.00 |       0.11955      0.12353      0.12799      0.13349
0.14056      0.15353      0.15757      0.16808      0.38789
  4420500.00 |       0.13056      0.13431      0.13909      0.14448
0.15130      0.16476      0.16599      0.17616      0.20757
  4420000.00 |       0.14598      0.14507      0.15077      0.15630
0.16234      0.16869      0.17469      0.18367      0.19817
  4419500.00 |       0.15378      0.15314      0.15916      0.16527
0.17193      0.17845      0.18310      0.19179      0.20381
  4419000.00 |       0.15700      0.15973      0.16501      0.17039
0.17709      0.18451      0.19318      0.20780      0.27938
  4418500.00 |       0.16955      0.16931      0.17387      0.17951
0.18541      0.19392      0.20537      0.44517      0.86497
  4418000.00 |       0.19272      0.18345      0.19009      0.19553
0.20305      0.21393      0.23333      0.29923      0.64178
  4417500.00 |       0.19097      0.19543      0.20494      0.21521
0.22421      0.24011      0.29937      0.75007      2.99146
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  4417000.00 |       0.20535      0.20090      0.21049      0.22358
0.23776      0.25610      0.38795      1.20084      1.27052
  4416500.00 |       0.19781      0.20674      0.22111      0.23820
0.25958      0.28415      0.57753      3.38207      3.63756
  4416000.00 |       0.22932      0.28157      0.32053      0.35885
0.32470      0.32541      0.46620      5.55758      3.13370
  4415500.00 |       0.42849      2.09909      0.50638      0.43633
0.31984      0.33513      0.87828      1.81243      2.40232
  4415000.00 |       1.99457      0.78571      0.73062      0.43063
0.32457      0.32218      0.44518      2.57156      3.70854
  4414500.00 |       1.44948      2.38806      1.76112      0.76109
0.30379      0.33533      0.75109      5.97284      3.22321
  4414000.00 |       1.39122      1.20221      0.74007      0.36341
0.32518      0.35447      1.33239      5.01746      1.63898
  4413500.00 |       0.75036      0.80516      0.99898      1.15351
0.33250      0.39521      3.16168      1.98252      0.83054
  4413000.00 |       0.95167      1.51841      2.58203      1.93523
0.31946      1.12345      1.65918      0.77982      0.48124
  4412500.00 |       1.48593      2.28170      2.92993      0.30686
0.32359      1.44529      0.69657      0.51730      0.34025
  4412000.00 |       2.24574      0.93677      0.79131      0.26575
0.62215      0.68644      0.49177      0.39508      0.42058
  4411500.00 |       2.93011      0.54373      0.34457      0.29113
0.51008      0.42225      0.32363      0.31839      0.46784
  4411000.00 |       2.81949      0.46344      1.13638      0.60946
0.28449      0.32767      0.25455      0.31176      0.74710
  4410500.00 |       0.25322      0.53404      0.55374      0.44300
0.31392      0.27693      0.28481      0.40624      0.58195
  4410000.00 |       0.45514      0.63906      0.42634      0.28435
0.26610      0.26081      0.31802      0.55935      0.82516
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/26/11
```

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)									
	532500.00	533000.00	533500.00	534000.00	534500.00	535000.00	535500.00	536000.00	536500.00	
4425000.00	0.41688	0.43813	0.34122	0.22048	0.19054	0.29277	0.20092	0.20859	0.22175	
4424500.00	0.45195	0.44839	0.33095	0.17978	0.18961	0.23354	0.22498	0.22619	0.24400	
4424000.00	0.50302	0.52783	0.39235	0.18780						

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0.19928      0.22149      0.23918      0.25187      0.27060
  4423500.00 |       0.47434      0.60505      0.32634      0.19422
0.21687      0.24135      0.26611      0.28351      0.30736
  4423000.00 |       0.35626      0.49559      0.34217      0.20977
0.23611      0.26509      0.29352      0.31765      0.35206
  4422500.00 |       0.25860      0.28070      0.22182      0.23615
0.25700      0.29389      0.32685      0.36386      0.41117
  4422000.00 |       0.30115      0.20879      0.21803      0.24523
0.28068      0.32616      0.36598      0.41518      0.47597
  4421500.00 |       0.30948      0.20618      0.23328      0.26414
0.30873      0.35977      0.41109      0.46963      0.54592
  4421000.00 |       0.21007      0.21707      0.24438      0.28233
0.33365      0.40599      0.46306      0.52921      0.57692
  4420500.00 |       0.30935      0.22910      0.25492      0.29906
0.36345      0.46331      0.53355      0.59384      0.59813
  4420000.00 |       0.21382      0.23514      0.26558      0.31517
0.40869      0.51568      0.63059      0.68398      0.60283
  4419500.00 |       0.22038      0.24652      0.30868      0.33598
0.46446      0.63037      0.84852      0.79253      0.61624
  4419000.00 |       0.23903      0.30538      0.38078      0.37227
0.58973      0.72658      0.98789      0.89491      0.64481
  4418500.00 |       0.64467      0.93037      0.52566      0.45668
0.50593      0.88327      1.41312      0.99838      0.76119
  4418000.00 |       0.81340      1.36995      1.73931      0.74302
0.59494      0.83968      1.37436      1.24342      0.94400
  4417500.00 |       3.14106      3.39505      4.65347      7.18959
2.97766      1.40312      0.49016      1.23239      0.89090
  4417000.00 |       2.29670      4.04066      5.26994      4.55108
5.76292      2.36647      0.78875      0.67515      0.58138
  4416500.00 |       3.89711      3.91700      3.94580      5.12886
1.16927      1.36648      0.83356      0.60008      0.43880
  4416000.00 |       3.06203      4.55012     11.18860      0.76435
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0.93161      0.88746      0.63922      0.52611      0.40003
  4415500.00 |        2.83964      5.66341      1.72269      0.58296
0.77125      0.64091      0.50011      0.46420      0.37284
  4415000.00 |        2.64983      2.50344      0.44178      0.57387
0.61825      0.48306      0.40787      0.40195      0.35161
  4414500.00 |        2.00114      0.51230      0.42037      0.56465
0.52176      0.39081      0.34687      0.34713      0.32905
  4414000.00 |        0.90465      0.51039      1.43109      0.60297
0.41266      0.33534      0.30627      0.30367      0.30687
  4413500.00 |        0.61068      0.70524      2.45793      0.53560
0.34243      0.29456      0.27796      0.27669      0.27873
  4413000.00 |        0.44684      0.94681      1.42276      0.70215
0.29889      0.26759      0.25247      0.41872      0.24985
  4412500.00 |        0.47467      0.79599      0.57761      0.36578
0.26804      0.24662      0.23350      0.22974      0.22826
  4412000.00 |        0.79004      0.71847      0.37832      0.28556
0.24680      0.23105      0.21872      0.20921      0.20783
  4411500.00 |        0.64915      0.65172      0.32582      0.29039
0.32926      0.23594      0.20751      0.19506      0.18927
  4411000.00 |        0.50416      0.63532      0.50276      0.43531
0.39039      0.25396      0.65309      0.18623      0.18315
  4410500.00 |        1.61861      1.21303      0.93495      0.45093
0.34122      0.35138      0.26874      0.17604      0.16304
  4410000.00 |        1.28468      1.47657      0.70791      0.35315
0.40059      0.55336      0.31466      0.17117      0.15047
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/26/11
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 **MODELOPTs:  RegDFAULT CONC
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ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: 3ALT-KUM *** INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	537000.00	537500.00	538000.00	538500.00	539000.00
539500.00	540000.00	540500.00	541000.00		
4425000.00	0.23893	0.40100	0.29629	0.30691	0.35357
0.48017	0.63121	0.62410	0.48343		
4424500.00	0.26027	0.28957	0.47018	0.33627	0.38844
0.57753	0.87381	0.74193	0.57177		
4424000.00	0.29315	0.32006	0.58566	0.41612	0.44153
0.62134	1.15893	0.90768	0.83640		
4423500.00	0.33760	0.37983	0.72956	0.69905	0.59515
0.39708	0.70907	1.16041	0.92199		
4423000.00	0.39846	0.45013	0.71664	0.70922	0.98759
0.77620	0.49624	0.67711	0.64383		

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  4422500.00 |       0.46742      0.52474      0.62366      0.79654
0.97055      1.08398      0.69139      0.51998      0.49248
  4422000.00 |       0.55702      0.57067      0.63535      0.67664
0.76110      0.78963      0.57226      0.46271      0.37225
  4421500.00 |       0.56738      0.56227      0.54807      0.54944
0.64020      0.58798      0.46909      0.41283      0.35467
  4421000.00 |       0.55355      0.50271      0.46996      0.51611
0.57109      0.48952      0.41291      0.39083      0.35687
  4420500.00 |       0.52059      0.45264      0.45052      0.51032
0.52412      0.42458      0.36205      0.35240      0.40163
  4420000.00 |       0.49435      0.44614      0.47600      0.49734
0.46065      0.39244      0.33112      0.40788      0.72418
  4419500.00 |       0.50300      0.48194      0.58235      0.48861
0.42070      0.47873      0.44796      0.62309      1.06986
  4419000.00 |       0.55746      0.52210      0.51945      0.55661
0.53125      0.68978      0.73420      0.71771      0.66357
  4418500.00 |       0.63678      0.56487      0.52160      0.48429
0.41326      0.50420      0.44935      0.40990      0.41054
  4418000.00 |       0.70351      0.57290      0.48601      0.43389
0.35163      0.45324      0.57220      0.58787      0.56876
  4417500.00 |       0.66109      0.54157      0.49784      1.31717
0.51077      0.84546      1.00647      0.80463      0.62480
  4417000.00 |       0.49226      0.46196      0.40228      0.61040
0.53362      0.64128      0.78691      0.56680      0.47692
  4416500.00 |       0.37659      0.47508      0.65851      0.67016
0.56239      0.56123      0.77652      0.41457      0.38618
  4416000.00 |       0.32816      0.29193      0.29338      0.42637
0.53211      0.50303      0.51703      0.39159      0.32222
  4415500.00 |       0.31403      0.26198      0.22001      0.22768
0.32201      0.38353      0.43277      0.42058      0.39343
  4415000.00 |       0.29244      0.24702      0.20424      0.17501
0.16796      0.19499      0.22145      0.25372      0.26570
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  4414500.00 |       0.27573      0.23236      0.19572      0.16856
0.14456      0.13504      0.14201      0.13096      0.15725
  4414000.00 |       0.27215      0.23464      0.18698      0.16090
0.14003      0.12399      0.11512      0.10825      0.12210
  4413500.00 |       0.26134      0.21723      0.17605      0.15639
0.13905      0.12305      0.10978      0.10221      0.09953
  4413000.00 |       0.24684      0.20137      0.16849      0.15242
0.13472      0.12182      0.10909      0.09919      0.09264
  4412500.00 |       0.21806      0.19283      0.16106      0.13935
0.12782      0.11890      0.10864      0.10349      0.09312
  4412000.00 |       0.20131      0.18326      0.15756      0.13569
0.12280      0.11502      0.10807      0.10165      0.09309
  4411500.00 |       0.18437      0.17448      0.15412      0.13355
0.11896      0.11083      0.10503      0.10294      0.09966
  4411000.00 |       0.17116      0.16340      0.15047      0.13283
0.11693      0.10759      0.10157      0.09663      0.09105
  4410500.00 |       0.15799      0.15334      0.14402      0.13115
0.11802      0.10764      0.09980      0.09365      0.08876
  4410000.00 |       0.14631      0.14772      0.14014      0.12883
0.11506      0.10622      0.09801      0.09244      0.08667
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/26/11
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 **MODELOPTs:  RegDFAULT CONC
  ELEV


                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
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AVERAGED OVER 1 YEARS FOR SOURCE GROUP: 3ALT-KUM *** INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 541500.00	542000.00	542500.00	543000.00
4425000.00	0.43367	1.11365	0.67442	0.74574
4424500.00	0.74983	0.70729	0.81842	0.85995
4424000.00	0.79980	0.87221	0.83165	0.75689
4423500.00	0.83954	0.82941	0.87714	0.51047
4423000.00	0.63117	0.52019	0.41905	0.57765
4422500.00	0.40692	0.35718	0.43176	0.24166
4422000.00	0.30108	0.38227	0.43382	0.61757
4421500.00	0.35201	0.37240	0.39765	0.46617
4421000.00	0.41471	0.58117	0.45022	0.33893
4420500.00	0.64601	0.72106	0.54575	0.41576
4420000.00	0.87110	0.59830	0.67868	0.54624
4419500.00	0.78785	0.68846	0.59626	0.52218
4419000.00	0.61796	0.51437	0.43836	0.46233
4418500.00	0.50769	0.49229	0.37525	0.34845
4418000.00	0.63490	0.56440	0.40319	0.36235
4417500.00	0.63164	0.59645	0.48656	0.45051

4417000.00	0.52258	0.56746	0.47758	0.40700
4416500.00	0.39831	0.35965	0.36743	0.35214
4416000.00	0.30214	0.26646	0.43151	0.35205
4415500.00	0.37292	0.36995	0.41485	0.36890
4415000.00	0.36251	0.33226	0.33886	0.33764
4414500.00	0.25208	0.28128	0.30278	0.30962
4414000.00	0.13616	0.18828	0.22208	0.25555
4413500.00	0.10149	0.11667	0.12897	0.16894
4413000.00	0.09123	0.09332	0.09853	0.10665
4412500.00	0.08610	0.08462	0.08666	0.08764
4412000.00	0.08465	0.08181	0.08113	0.08106
4411500.00	0.08485	0.08156	0.07845	0.07758
4411000.00	0.08515	0.08207	0.07741	0.07582
4410500.00	0.08503	0.08102	0.07726	0.07506
4410000.00	0.08383	0.08034	0.07721	0.07458

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
537268.00	4419321.00	0.49951	533288.00	4420664.00	0.23683
530873.00	4418253.00	0.21147	532253.00	4419045.00	0.23056
534268.00	4421987.00	0.26330	536366.00	4419557.00	0.66173
534987.00	4418091.00	0.85577	530614.00	4415312.00	0.33206
538946.00	4413223.00	0.13779	541693.00	4411996.00	0.08305

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: YOL-KUM ***

INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 , 9ZYI9002, 9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008, 9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E, 9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K, 9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, . . . ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	528000.00	528500.00	529000.00	529500.00	530000.00
530500.00	531000.00	531500.00	532000.00		
4425000.00	0.35173	0.36813	0.36091	0.36179	0.33077
0.28344	0.29878	0.37026	0.40575		
4424500.00	0.42518	0.46768	0.40701	0.43203	0.41246
0.33505	0.41619	0.45379	0.43021		
4424000.00	0.28648	0.44465	0.39234	0.48808	0.51242
0.43267	0.70106	0.71827	0.51755		
4423500.00	0.17540	0.22937	0.32116	0.47131	0.49371
0.51808	0.86790	0.56808	0.38654		
4423000.00	0.13452	0.14614	0.18802	0.31952	0.36889
0.59535	0.59658	0.50193	0.31152		
4422500.00	0.14233	0.14700	0.15631	0.18474	0.23189
0.58278	0.69094	0.58908	0.35114		

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  4422000.00 |       0.17367      0.18478      0.16390      0.17081
0.19349      0.37309      0.40253      0.40173      0.39514
  4421500.00 |       0.34718      0.29010      0.23990      0.23290
0.23522      0.23538      0.30754      0.44850      0.53650
  4421000.00 |       0.49247      0.47559      0.45146      0.41727
0.36179      0.26691      0.45057      0.81839      0.55947
  4420500.00 |       0.51936      0.63787      0.65892      0.58249
0.45750      0.30542      0.65932      1.45780      0.49959
  4420000.00 |       0.42218      0.85271      0.88491      0.91717
0.79675      0.81108      2.40940      3.60143      0.91834
  4419500.00 |       0.43888      1.04337      1.51102      2.10050
2.09586      2.61373     13.45180     32.35840     54.52373
  4419000.00 |       0.56272      1.37250      2.18120      4.63242
8.12500     12.15848     34.64090      4.08096      0.80827
  4418500.00 |       0.87784      2.08736      4.76220      5.11547
7.71786     10.59564     10.08031      0.72615      1.06049
  4418000.00 |       1.00857      2.08706      2.22951      4.57818
5.56634      7.42060      4.17554      0.64485      0.76355
  4417500.00 |       0.98132      1.34890      2.60614      3.39528
5.05155      6.13293      0.99652      0.94859      3.08215
  4417000.00 |       0.74116      1.37477      2.06284      3.22614
4.28862      3.65714      0.65006      1.28416      1.35733
  4416500.00 |       0.98371      1.49988      1.67894      2.02071
2.48184      2.13154      0.87260      3.48490      3.70625
  4416000.00 |       0.86623      0.76217      0.85883      0.87849
1.11652      1.95422      1.02247      5.64604      3.19845
  4415500.00 |       0.80533      2.20298      0.88075      0.91707
1.53569      1.83885      1.09723      1.88413      2.46160
  4415000.00 |       2.11144      1.02549      0.96516      0.85882
1.07562      1.80461      0.66954      2.65852      3.77008
  4414500.00 |       1.58429      2.44390      1.82547      0.86086
1.39020      1.66008      1.00709      6.04212      3.28030
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  4414000.00 |       1.46521      1.24705      0.81577      0.69798
1.26555      1.55839      1.59370      5.09912      1.69296
  4413500.00 |       0.80781      0.87383      1.15519      1.42857
1.60837      1.22397      3.33616      2.06225      0.88131
  4413000.00 |       1.01275      1.57710      2.69521      2.21150
1.50192      1.53945      1.72512      0.83714      0.54204
  4412500.00 |       1.53016      2.44463      3.09473      1.24931
1.05053      1.58868      0.76135      0.56616      0.41132
  4412000.00 |       2.29261      1.22894      1.11072      1.18314
0.84011      0.74072      0.53633      0.43912      0.46791
  4411500.00 |       2.97531      0.87190      0.82166      0.67203
0.58144      0.46935      0.37087      0.36657      0.52782
  4411000.00 |       2.88265      0.75973      1.20944      0.66429
0.34781      0.37223      0.30778      0.37473      0.82090
  4410500.00 |       0.90890      0.69924      0.61853      0.48345
0.36021      0.32651      0.34875      0.56268      1.07204
  4410000.00 |       0.70331      0.68657      0.47135      0.32007
0.30658      0.32103      0.40397      0.78950      1.30455
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
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 **MODELOPTs:  RegDFAULT CONC
  ELEV


                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: YOL-KUM  ***
                                 INCLUDING SOURCE(S):      BACA1A   ,
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BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 , 9ZYI9002,
9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008,
9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E,
9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K,
9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, . . . ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	532500.00	533000.00	533500.00	534000.00	534500.00	535000.00	535500.00	536000.00	536500.00
4425000.00	0.44189	0.47007	0.37937	0.27141	0.31258	0.38929	0.52717	1.06465	1.34249
4424500.00	0.48389	0.48506	0.37908	0.26950	0.37690	0.38248	0.45888	1.55363	1.52237
4424000.00	0.54037	0.56942	0.44342	0.30297	0.56428	0.85904	0.70205	1.00192	1.59106
4423500.00	0.51925	0.65403	0.40312	0.60134	0.66048	2.04246	1.38264	1.67310	1.95915
4423000.00	0.41596	0.56530	0.43172	0.68890	1.13732	2.99795	2.90475	2.44457	2.45377
4422500.00	0.34216	0.40474	0.40397	0.45510	2.20337	4.20118	3.61072	3.48767	3.52558
4422000.00	0.38771	0.40612	1.30270	1.15547					

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5.43467      7.00153      5.66233      3.52935      1.69832
  4421500.00 |       0.46876      0.60311      1.65446      7.21267
10.45332     24.82093     14.84691      2.42618      1.11989
  4421000.00 |       0.58573      2.64377      5.43067     11.90478
69.06102      1.52385     21.99827     23.46251      7.00887
  4420500.00 |       0.65327      4.05720     14.39763     30.89428
4.27687      1.11919      9.89963     17.30652     11.24172
  4420000.00 |       3.49456     28.54191     23.47753     17.64775
1.08639      1.35635      1.25504      9.48550     14.21334
  4419500.00 |      19.56354      3.33289      1.00372      3.60607
0.97665      0.99346      1.16521      7.17483      9.53475
  4419000.00 |       1.37999      0.52121      0.64028      1.09545
0.87397      1.16185      2.40372      6.24274      7.94479
  4418500.00 |       0.83062      1.06891      0.67383      0.62118
1.54686      3.81045      6.05025      5.94920      7.88283
  4418000.00 |       0.92034      1.46473      1.83955      0.91829
1.56722      4.60916      5.30059      6.65734      5.15656
  4417500.00 |       3.22226      3.47331      4.73258      7.27300
3.13084      3.73243      4.34357      6.42882      5.98015
  4417000.00 |       2.36962      4.10665      5.33385      4.70226
5.89797      3.28368      4.56988      5.34746      8.32882
  4416500.00 |       3.96285      3.97868      4.01050      5.28360
3.59266      4.56885      4.30917      5.31472      8.60728
  4416000.00 |       3.12196      4.62595     11.29337      1.34585
3.72235      3.76383      4.20822      5.33591      8.87443
  4415500.00 |       2.89485      5.72613      1.85629      2.09179
3.28140      3.49461      3.77724      4.37461      8.17941
  4415000.00 |       2.70259      2.57334      0.71278      1.30886
2.71604      3.38093      3.59087      4.59666      6.51175
  4414500.00 |       2.05961      0.58701      0.69062      1.33575
1.28162      3.05088      3.29131      4.15837      5.36603
  4414000.00 |       0.95593      0.57331      1.50388      1.15792
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1.24850      2.84490      2.95434      3.66746      2.44402
  4413500.00 |       0.66446      0.76989      2.54684      1.15084
2.74962      2.58258      2.82706      3.24397      2.48816
  4413000.00 |       0.52028      1.12143      1.84329      1.36006
2.10130      2.80331      2.82011      0.56184      3.48314
  4412500.00 |       0.62197      1.22122      1.18002      0.97035
1.64935      2.21968      2.44405      2.60747      2.78110
  4412000.00 |       0.86525      0.92660      1.03798      1.73090
2.14622      2.40903      2.19700      2.05998      2.61157
  4411500.00 |       0.79223      0.89839      1.14502      0.79774
0.61772      1.19758      2.48123      1.97373      2.63973
  4411000.00 |       0.97282      1.23333      1.22757      0.61710
0.65258      1.74324      0.89744      1.27226      1.10362
  4410500.00 |       1.83526      1.64640      1.08288      0.54306
0.74179      0.98710      0.80466      1.03867      1.21065
  4410000.00 |       1.70046      1.56524      0.76881      0.44777
0.50009      0.63324      0.65716      1.04093      1.43376
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                  ***        14:35:06

                                             PAGE  59
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: YOL-KUM  ***
                                INCLUDING SOURCE(S):      BACA1A  ,
BACA1B  , ON.ISIT., CALIK1  , CALIK2  , CALIK3  , 9ZYI9002,
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9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008, 9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E,
9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K, 9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, . . . ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	537000.00	537500.00	538000.00	538500.00	539000.00
539500.00	540000.00	540500.00	541000.00		
4425000.00	1.28521	0.51870	0.70549	1.20181	1.35963
1.23423	1.04704	0.83460	0.58282		
4424500.00	1.41546	1.39163	0.58705	0.82314	0.73737
0.99781	1.12048	0.89610	0.64223		
4424000.00	1.66992	1.88187	0.69802	0.58269	0.61422
0.80565	1.30903	1.02260	0.87702		
4423500.00	2.05707	2.06145	0.82356	0.75705	0.69432
0.53091	0.78171	1.23780	1.01714		
4423000.00	2.70611	1.61342	0.80681	0.81140	1.11794
0.94076	0.64926	0.87909	0.83898		
4422500.00	2.47290	1.15647	0.92925	1.18251	1.37966
1.34705	0.98056	0.83060	0.72224		
4422000.00	1.00231	1.69769	1.50935	2.08490	1.29399
1.27161	1.08349	0.90846	0.71030		

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  4421500.00 |       1.67146      2.95349      2.81510      2.59043
2.11671      1.66191      1.29046      1.04472      0.64372
  4421000.00 |       5.30300      3.93349      3.08028      1.80928
1.43719      1.30520      0.91376      0.70878      0.54827
  4420500.00 |       6.72910      4.40804      3.34340      2.10569
0.99052      0.99876      0.75201      0.61898      0.50560
  4420000.00 |       9.85269      5.26735      2.36678      1.82853
0.96435      0.65486      0.66137      0.62313      0.80209
  4419500.00 |      23.29490      6.57234      0.98112      0.91650
0.75273      0.64660      0.70226      0.80571      1.13454
  4419000.00 |      26.41842      2.28309      0.91442      0.82228
0.74710      0.84094      0.87945      0.83163      0.73889
  4418500.00 |      30.05937      3.55027      1.12164      0.89967
0.72171      0.62867      0.54757      0.48238      0.46426
  4418000.00 |      37.48297      1.68963      1.18211      0.75873
0.67336      0.55141      0.63858      0.64627      0.61504
  4417500.00 |       9.91649      1.40792      0.93314      1.42718
0.75580      0.93477      1.06322      0.85369      0.66739
  4417000.00 |       5.03089      0.89983      0.69925      0.70294
0.63311      0.70203      0.83251      0.61080      0.51728
  4416500.00 |       3.92614      0.87164      0.82452      0.75083
0.62326      0.61726      0.82317      0.46374      0.43435
  4416000.00 |       3.24483      0.88090      0.56011      0.55278
0.60055      0.56815      0.57345      0.44799      0.38991
  4415500.00 |       2.43216      1.14590      0.96782      0.36021
0.39743      0.45645      0.50716      0.49610      0.49895
  4415000.00 |       9.29736      2.84210      1.26068      0.77119
0.34217      0.28720      0.32231      0.39124      0.42459
  4414500.00 |       7.65350      3.81491      1.90022      1.06310
0.91015      0.46653      0.29033      0.44775      0.34633
  4414000.00 |       1.22509      0.95635      2.05479      1.82178
2.11661      1.97456      1.59351      1.86688      0.36846
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  4413500.00 |       1.29631      0.65169      1.77230      2.62167
3.26774      5.28826      7.85316      5.26545      1.54763
  4413000.00 |       1.73179      2.19001      2.25078      3.21771
5.51849     22.89117     51.55061     41.71011     20.38508
  4412500.00 |       3.36576      4.25390      2.71729      4.13367
6.93244     11.25735     13.38714      8.75984      2.24766
  4412000.00 |       3.17743      3.66379      4.12149      4.87528
4.99883      5.18343      5.06578      4.71173      3.13469
  4411500.00 |       2.59386      2.79506      3.21600      3.46857
3.51328      3.15567      2.60478      2.54941      1.04535
  4411000.00 |       2.20672      2.41371      2.56754      2.53401
2.37684      2.20903      1.85600      1.54267      1.30096
  4410500.00 |       2.07313      2.16977      2.00610      1.76877
1.73483      1.76692      1.69997      1.44429      1.28663
  4410000.00 |       1.79226      1.32156      1.26908      1.16790
1.46992      1.48616      1.34186      1.18148      1.06708
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                  ***        14:35:06

                                             PAGE  60
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: YOL-KUM  ***
                                  INCLUDING SOURCE(S):      BACA1A   ,
BACA1B   , ON.ISIT., CALIK1   , CALIK2   , CALIK3   , 9ZYI9002,
         9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008,
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9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E,
9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K,
9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, . . . ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	541500.00	542000.00	542500.00	543000.00
4425000.00	0.47009	1.13502	0.69629	0.77142
4424500.00	0.77616	0.73591	0.84967	0.90029
4424000.00	0.84397	0.91529	0.88323	0.83007
4423500.00	0.92635	0.89867	0.93707	0.65401
4423000.00	0.77459	0.65057	0.58082	0.68296
4422500.00	0.62522	0.54636	0.54626	0.54284
4422000.00	0.63445	0.47219	0.48655	0.64916
4421500.00	0.47500	0.42149	0.44004	0.49598
4421000.00	0.46413	0.61548	0.48123	0.36870
4420500.00	0.68751	0.75447	0.57903	0.44921
4420000.00	0.91421	0.63243	0.71680	0.58292
4419500.00	0.82804	0.73222	0.64216	0.56280
4419000.00	0.66687	0.55355	0.47668	0.49632
4418500.00	0.54991	0.52834	0.41204	0.37817
4418000.00	0.67361	0.60324	0.43861	0.39149
4417500.00	0.67161	0.63703	0.52257	0.47941

4417000.00	0.57053	0.60796	0.51434	0.43195
4416500.00	0.44654	0.40784	0.40062	0.37611
4416000.00	0.35925	0.31848	0.45813	0.37539
4415500.00	0.44873	0.40936	0.44356	0.39831
4415000.00	0.44202	0.37789	0.37811	0.37445
4414500.00	0.33211	0.33489	0.35465	0.34676
4414000.00	0.28057	0.26914	0.28770	0.30369
4413500.00	0.65918	0.26385	0.24005	0.22061
4413000.00	1.55498	0.58382	0.36194	0.27021
4412500.00	3.16452	1.50027	0.35904	0.35398
4412000.00	1.79319	1.36172	1.04652	0.84054
4411500.00	1.30246	1.04777	0.82074	0.70989
4411000.00	1.06419	0.86377	0.70800	0.60503
4410500.00	0.89009	0.73142	0.64248	0.59426
4410000.00	0.74907	0.68484	0.60042	0.70744

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/26/11
***
*** 14:35:06

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: YOL-KUM ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 , 9ZYI9002,
9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008,
9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E,

9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K,
9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, . . . ,

*** DISCRETE CARTESIAN
RECEPTOR POINTS ***

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

       X-COORD (M)   Y-COORD (M)   CONC
X-COORD (M)   Y-COORD (M)   CONC
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                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: YOL      ***
                                      INCLUDING SOURCE(S):      9ZYI9002,
9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008,
          9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E,
9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K,
          9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, 9ZYI900Q,
9ZYI900R, 9ZYI900S, 9ZYI900T, 9ZYI900U, 9ZYI900V,  . . .  ,

                                    *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***

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

    Y-COORD  |                                                  X-COORD
(METERS)
    (METERS) |     528000.00    528500.00    529000.00    529500.00
530000.00    530500.00    531000.00    531500.00    532000.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  4425000.00 |       0.00967      0.01085      0.01260      0.01346
0.01616      0.01894      0.01902      0.01839      0.02209
  4424500.00 |       0.01074      0.01181      0.01368      0.01651
0.02044      0.02278      0.01935      0.02054      0.02517
  4424000.00 |       0.01178      0.01294      0.01531      0.01848
0.02893      0.02219      0.02067      0.02311      0.02862
  4423500.00 |       0.01302      0.01479      0.01775      0.02089
0.04344      0.02497      0.02366      0.02846      0.03517
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  4423000.00 |       0.02135      0.02342      0.02289      0.02277
0.04929      0.02871      0.02938      0.03586      0.05503
  4422500.00 |       0.03704      0.03776      0.02873      0.02882
0.05002      0.03198      0.04382      0.05864      0.10043
  4422000.00 |       0.06698      0.07520      0.04595      0.04513
0.05856      0.03722      0.08563      0.14154      0.17502
  4421500.00 |       0.23651      0.17505      0.11969      0.10686
0.10201      0.05620      0.14096      0.27738      0.16108
  4421000.00 |       0.37292      0.35207      0.32348      0.28378
0.22122      0.11338      0.29301      0.65031      0.17158
  4420500.00 |       0.38881      0.50356      0.51983      0.43802
0.30620      0.14066      0.49333      1.28164      0.29201
  4420000.00 |       0.27621      0.70764      0.73414      0.76087
0.63441      0.64239      2.23471      3.41775      0.72017
  4419500.00 |       0.28510      0.89023      1.35186      1.93522
1.92394      2.43528     13.26870     32.16661     54.31993
  4419000.00 |       0.40572      1.21278      2.01619      4.46202
7.94791     11.97396     34.44773      3.87316      0.52889
  4418500.00 |       0.70829      1.91805      4.58832      4.93596
7.53245     10.40172      9.87495      0.28097      0.19552
  4418000.00 |       0.81586      1.90362      2.03942      4.38265
5.36330      7.20667      3.94221      0.34561      0.12177
  4417500.00 |       0.79035      1.15347      2.40121      3.18007
4.82734      5.89282      0.69715      0.19852      0.09069
  4417000.00 |       0.53580      1.17387      1.85234      3.00257
4.05086      3.40104      0.26211      0.08332      0.08681
  4416500.00 |       0.78591      1.29314      1.45784      1.78250
2.22226      1.84739      0.29508      0.10284      0.06869
  4416000.00 |       0.63692      0.48059      0.53831      0.51963
0.79182      1.62881      0.55628      0.08846      0.06475
  4415500.00 |       0.37684      0.10389      0.37437      0.48074
1.21584      1.50372      0.21894      0.07171      0.05928
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  4415000.00 |       0.11687      0.23979      0.23454      0.42819
0.75105      1.48243      0.22436      0.08697      0.06155
  4414500.00 |       0.13481      0.05584      0.06436      0.09977
1.08641      1.32475      0.25600      0.06928      0.05710
  4414000.00 |       0.07399      0.04484      0.07571      0.33456
0.94036      1.20392      0.26131      0.08167      0.05397
  4413500.00 |       0.05745      0.06866      0.15621      0.27506
1.27587      0.82877      0.17448      0.07973      0.05077
  4413000.00 |       0.06108      0.05869      0.11318      0.27628
1.18246      0.41600      0.06594      0.05731      0.06080
  4412500.00 |       0.04423      0.16293      0.16481      0.94245
0.72694      0.14340      0.06479      0.04886      0.07107
  4412000.00 |       0.04687      0.29218      0.31941      0.91738
0.21795      0.05428      0.04456      0.04404      0.04733
  4411500.00 |       0.04521      0.32818      0.47709      0.38089
0.07136      0.04710      0.04725      0.04818      0.05997
  4411000.00 |       0.06316      0.29628      0.07306      0.05484
0.06332      0.04456      0.05323      0.06297      0.07379
  4410500.00 |       0.65568      0.16520      0.06479      0.04046
0.04629      0.04958      0.06394      0.15644      0.49009
  4410000.00 |       0.24817      0.04751      0.04501      0.03572
0.04049      0.06022      0.08595      0.23015      0.47939
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***         10/26/11
                                   ***
                                   ***        14:35:06

                                              PAGE  63

 **MODELOPTs:  RegDFAULT CONC
  ELEV
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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: YOL *** INCLUDING SOURCE(S): 9ZYI9002, 9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008, 9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E, 9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K, 9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, 9ZYI900Q, 9ZYI900R, 9ZYI900S, 9ZYI900T, 9ZYI900U, 9ZYI900V, . . . ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	532500.00	533000.00	533500.00	534000.00	534500.00
535000.00	535500.00	536000.00	536500.00		
4425000.00	0.02501	0.03194	0.03815	0.05093	0.12204
0.09653	0.32626	0.85606	1.12074		
4424500.00	0.03194	0.03666	0.04813	0.08973	0.18729
0.14894	0.23390	1.32744	1.27837		
4424000.00	0.03735	0.04159	0.05107	0.11517	0.36501
0.63755	0.46288	0.75005	1.32047		
4423500.00	0.04491	0.04898	0.07678	0.40712	0.44361
1.80112	1.11653	1.38959	1.65178		
4423000.00	0.05970	0.06972	0.08955	0.47913	

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0.90122      2.73285      2.61124      2.12691      2.10170
  4422500.00 |       0.08356      0.12405      0.18215      0.21894
1.94638      3.90730      3.28386      3.12381      3.11441
  4422000.00 |       0.08656      0.19733      1.08467      0.91024
5.15399      6.67537      5.29636      3.11417      1.22235
  4421500.00 |       0.15928      0.39693      1.42118      6.94853
10.14459     24.46116     14.43582      1.95655      0.57397
  4421000.00 |       0.37566      2.42670      5.18628     11.62245
68.72736      1.11786     21.53521     22.93330      6.43196
  4420500.00 |       0.34392      3.82810     14.14272     30.59522
3.91342      0.65588      9.36608     16.71268     10.64359
  4420000.00 |       3.28074     28.30677     23.21195     17.33258
0.67770      0.84067      0.62445      8.80152     13.61051
  4419500.00 |      19.34316      3.08638      0.69505      3.27010
0.51219      0.36309      0.31669      6.38230      8.91851
  4419000.00 |       1.14096      0.21584      0.25950      0.72317
0.28425      0.43527      1.41583      5.34784      7.29998
  4418500.00 |       0.18595      0.13854      0.14818      0.16450
1.04093      2.92718      4.63713      4.95083      7.12164
  4418000.00 |       0.10695      0.09477      0.10024      0.17527
0.97228      3.76949      3.92623      5.41392      4.21256
  4417500.00 |       0.08120      0.07825      0.07911      0.08341
0.15318      2.32931      3.85341      5.19643      5.08925
  4417000.00 |       0.07292      0.06599      0.06391      0.15118
0.13505      0.91721      3.78113      4.67231      7.74744
  4416500.00 |       0.06574      0.06168      0.06470      0.15474
2.42339      3.20237      3.47561      4.71464      8.16847
  4416000.00 |       0.05993      0.07582      0.10477      0.58150
2.79074      2.87638      3.56900      4.80980      8.47439
  4415500.00 |       0.05521      0.06272      0.13360      1.50884
2.51015      2.85370      3.27712      3.91041      7.80657
  4415000.00 |       0.05276      0.06991      0.27100      0.73500
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2.09779      2.89787      3.18300      4.19471      6.16014
  4414500.00 |       0.05848      0.07471      0.27025      0.77110
0.75986      2.66007      2.94443      3.81124      5.03698
  4414000.00 |       0.05128      0.06292      0.07279      0.55495
0.83585      2.50957      2.64807      3.36379      2.13714
  4413500.00 |       0.05378      0.06465      0.08891      0.61524
2.40719      2.28802      2.54910      2.96727      2.20942
  4413000.00 |       0.07343      0.17462      0.42053      0.65791
1.80241      2.53572      2.56764      0.14312      3.23329
  4412500.00 |       0.14730      0.42523      0.60241      0.60457
1.38131      1.97306      2.21055      2.37773      2.55284
  4412000.00 |       0.07521      0.20813      0.65966      1.44533
1.89941      2.17798      1.97828      1.85077      2.40373
  4411500.00 |       0.14308      0.24667      0.81921      0.50736
0.28847      0.96164      2.27372      1.77867      2.45046
  4411000.00 |       0.46866      0.59801      0.72481      0.18178
0.26219      1.48928      0.24435      1.08602      0.92047
  4410500.00 |       0.21665      0.43337      0.14792      0.09213
0.40058      0.63572      0.53592      0.86263      1.04761
  4410000.00 |       0.41578      0.08867      0.06090      0.09461
0.09950      0.07987      0.34250      0.86976      1.28329
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/26/11
                                  ***
                                  ***        14:35:06

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 **MODELOPTs:  RegDFAULT CONC
  ELEV
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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: YOL ***
INCLUDING SOURCE(S): 9ZYI9002, 9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008, 9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E, 9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K, 9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, 9ZYI900Q, 9ZYI900R, 9ZYI900S, 9ZYI900T, 9ZYI900U, 9ZYI900V, . . . ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	537000.00	537500.00	538000.00	538500.00	539000.00
539500.00	540000.00	540500.00	541000.00		
4425000.00	1.04628	0.11770	0.40920	0.89490	1.00606
0.75406	0.41583	0.21051	0.09939		
4424500.00	1.15519	1.10205	0.11687	0.48687	0.34893
0.42028	0.24667	0.15418	0.07046		
4424000.00	1.37677	1.56181	0.11235	0.16657	0.17269
0.18432	0.15010	0.11491	0.04062		
4423500.00	1.71947	1.68162	0.09400	0.05800	0.09917
0.13384	0.07264	0.07738	0.09515		
4423000.00	2.30765	1.16330	0.09017	0.10217	0.13035
0.16455	0.15302	0.20198	0.19515		

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  4422500.00 |       2.00548      0.63174      0.30559      0.38597
0.40910      0.26307      0.28917      0.31061      0.22976
  4422000.00 |       0.44529      1.12702      0.87400      1.40826
0.53289      0.48198      0.51122      0.44575      0.33805
  4421500.00 |       1.10409      2.39122      2.26703      2.04099
1.47651      1.07393      0.82137      0.63189      0.28905
  4421000.00 |       4.74945      3.43078      2.61032      1.29317
0.86610      0.81568      0.50084      0.31795      0.19140
  4420500.00 |       6.20851      3.95540      2.89288      1.59537
0.46640      0.57418      0.38996      0.26658      0.10398
  4420000.00 |       9.35833      4.82122      1.89078      1.33119
0.50370      0.26241      0.33025      0.21525      0.07791
  4419500.00 |      22.79190      6.09040      0.39878      0.42789
0.33203      0.16788      0.25430      0.18262      0.06468
  4419000.00 |      25.86096      1.76099      0.39497      0.26568
0.21584      0.15116      0.14525      0.11393      0.07531
  4418500.00 |      29.42259      2.98540      0.60004      0.41539
0.30845      0.12448      0.09822      0.07248      0.05372
  4418000.00 |      36.77946      1.11673      0.69611      0.32485
0.32173      0.09817      0.06637      0.05840      0.04627
  4417500.00 |       9.25540      0.86635      0.43530      0.11001
0.24504      0.08932      0.05675      0.04906      0.04259
  4417000.00 |       4.53862      0.43787      0.29697      0.09255
0.09950      0.06074      0.04560      0.04400      0.04036
  4416500.00 |       3.54955      0.39656      0.16602      0.08066
0.06086      0.05602      0.04665      0.04916      0.04817
  4416000.00 |       2.91667      0.58897      0.26673      0.12642
0.06844      0.06512      0.05642      0.05640      0.06770
  4415500.00 |       2.11813      0.88392      0.74781      0.13252
0.07543      0.07292      0.07439      0.07552      0.10552
  4415000.00 |       9.00492      2.59509      1.05644      0.59619
0.17421      0.09220      0.10087      0.13752      0.15888
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  4414500.00 |       7.37777      3.58255      1.70450      0.89454
0.76560      0.33149      0.14832      0.31678      0.18908
  4414000.00 |       0.95295      0.72171      1.86781      1.66088
1.97658      1.85057      1.47839      1.75863      0.24636
  4413500.00 |       1.03496      0.43446      1.59625      2.46528
3.12869      5.16521      7.74338      5.16324      1.44811
  4413000.00 |       1.48495      1.98864      2.08229      3.06528
5.38378     22.76935     51.44152     41.61093     20.29244
  4412500.00 |       3.14769      4.06107      2.55623      3.99432
6.80463     11.13845     13.27851      8.65634      2.15455
  4412000.00 |       2.97612      3.48053      3.96393      4.73959
4.87603      5.06841      4.95772      4.61008      3.04160
  4411500.00 |       2.40949      2.62058      3.06188      3.33502
3.39432      3.04484      2.49976      2.44647      0.94569
  4411000.00 |       2.03556      2.25031      2.41708      2.40118
2.25991      2.10145      1.75443      1.44604      1.20991
  4410500.00 |       1.91514      2.01643      1.86208      1.63762
1.61681      1.65929      1.60017      1.35064      1.19787
  4410000.00 |       1.64595      1.17384      1.12894      1.03907
1.35486      1.37994      1.24385      1.08905      0.98041
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/26/11
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                                  ***        14:35:06

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 **MODELOPTs:  RegDFAULT CONC
  ELEV


                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
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AVERAGED OVER 1 YEARS FOR SOURCE GROUP: YOL *** INCLUDING SOURCE(S): 9ZYI9002, 9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008, 9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E, 9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K, 9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, 9ZYI900Q, 9ZYI900R, 9ZYI900S, 9ZYI900T, 9ZYI900U, 9ZYI900V, . . . ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 541500.00	542000.00	542500.00	543000.00
4425000.00	0.03643	0.02137	0.02188	0.02568
4424500.00	0.02633	0.02862	0.03126	0.04033
4424000.00	0.04417	0.04307	0.05158	0.07318
4423500.00	0.08681	0.06926	0.05993	0.14354
4423000.00	0.14342	0.13037	0.16176	0.10531
4422500.00	0.21830	0.18917	0.11450	0.30118
4422000.00	0.33337	0.08992	0.05274	0.03158
4421500.00	0.12299	0.04909	0.04239	0.02981
4421000.00	0.04942	0.03431	0.03101	0.02976
4420500.00	0.04150	0.03340	0.03329	0.03344
4420000.00	0.04311	0.03413	0.03812	0.03668
4419500.00	0.04019	0.04376	0.04591	0.04062

4419000.00	0.04891	0.03918	0.03831	0.03399
4418500.00	0.04221	0.03605	0.03679	0.02972
4418000.00	0.03871	0.03883	0.03542	0.02915
4417500.00	0.03997	0.04058	0.03601	0.02890
4417000.00	0.04795	0.04050	0.03676	0.02495
4416500.00	0.04822	0.04819	0.03319	0.02398
4416000.00	0.05710	0.05202	0.02662	0.02334
4415500.00	0.07581	0.03941	0.02871	0.02942
4415000.00	0.07951	0.04563	0.03925	0.03681
4414500.00	0.08004	0.05362	0.05187	0.03714
4414000.00	0.14441	0.08086	0.06561	0.04814
4413500.00	0.55769	0.14718	0.11108	0.05167
4413000.00	1.46375	0.49050	0.26341	0.16356
4412500.00	3.07842	1.41564	0.27238	0.26634
4412000.00	1.70854	1.27990	0.96539	0.75948
4411500.00	1.21761	0.96622	0.74229	0.63231
4411000.00	0.97904	0.78170	0.63060	0.52921
4410500.00	0.80506	0.65040	0.56521	0.51919
4410000.00	0.66524	0.60450	0.52320	0.63286

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: YOL ***

INCLUDING SOURCE(S): 9ZYI9002, 9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008, 9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E, 9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K, 9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, 9ZYI900Q, 9ZYI900R, 9ZYI900S, 9ZYI900T, 9ZYI900U, 9ZYI900V, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC
537268.00	4419321.00	10.60155
533288.00	4420664.00	10.04741
530873.00	4418253.00	7.91688
532253.00	4419045.00	1.00172
534268.00	4421987.00	2.17031
536366.00	4419557.00	8.39216
534987.00	4418091.00	4.03925
530614.00	4415312.00	1.46859
538946.00	4413223.00	3.85719
541693.00	4411996.00	1.50564

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	528000.00	528500.00	529000.00
529500.00	530000.00		
4425000.0	5.55917c(04122024)	7.57994c(04122024)	9.16409c(04122024)
9.71136c(04122024)	7.76806c(04122024)		
4424500.0	5.83554c(04122024)	7.57888c(04122024)	7.36605c(04122024)
9.20651c(04120424)	10.38387c(04120424)		
4424000.0	3.36057c(04122024)	5.67512c(04122024)	5.02746c(04122024)
6.24249c(04120424)	9.27283c(04120424)		
4423500.0	1.30857c(04122024)	2.13574c(04122024)	4.79227 (04040824)
7.52221 (04040824)	7.91093 (04071924)		

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 4423000.0 |      0.70616c(04011224)      0.75396c(04011224)
1.52524 (04040824)       5.32190 (04040824)      5.00671 (04040824)
 4422500.0 |      0.72886c(04011224)      0.78940c(04011224)
0.79936c(04011224)       1.05505 (04040824)      1.85141 (04040824)
 4422000.0 |      0.71608c(04011224)      0.78738c(04011224)
0.83051c(04011224)       0.89258c(04011224)      0.98118c(04011224)
 4421500.0 |      0.68141c(04011224)      0.74351c(04011224)
0.81002c(04011224)       0.87793c(04011224)      0.94434c(04011224)
 4421000.0 |      0.63058c(04011224)      0.68707c(04011224)
0.74779c(04011224)       0.81134c(04011224)      0.87634c(04011224)
 4420500.0 |      0.60355 (04012624)      0.62810c(04011224)
0.68192c(04011224)       0.73911c(04011224)      0.80178c(04011224)
 4420000.0 |      0.74283 (04012624)      0.73101 (04012624)
0.71500 (04012624)       0.69132 (04012624)      0.72644c(04011224)
 4419500.0 |      0.89707 (04012624)      0.88883 (04012624)
0.88575 (04012624)       0.87638 (04012624)      0.85814 (04012624)
 4419000.0 |      1.04913 (04012624)      1.04433 (04012624)
1.05774 (04012624)       1.06631 (04012624)      1.07025 (04012624)
 4418500.0 |      1.21527 (04012624)      1.18817 (04012624)
1.20761 (04012624)       1.24001 (04012624)      1.26484 (04012624)
 4418000.0 |      1.38776 (04012624)      1.29250 (04012624)
1.31832 (04012624)       1.35727 (04012624)      1.40317 (04012624)
 4417500.0 |      1.48859 (04012324)      1.50729 (04012324)
1.52376 (04012324)       1.53061 (04012324)      1.52553 (04012324)
 4417000.0 |      1.35671 (04012324)      1.35166 (04012324)
1.34150 (04012324)       1.35095 (04012624)      1.39118 (04012624)
 4416500.0 |      1.16555 (04012624)      1.16624 (04012624)
1.19455 (04012624)       1.21830 (04012624)      1.23650 (04012624)
 4416000.0 |      1.05046 (04011924)      1.13987 (04011024)
1.30370 (04011024)       1.40587 (04011024)      1.32448 (04011924)
 4415500.0 |      1.83587 (04011024)     10.72078 (04041324)
1.68452 (04011024)       1.42811 (04011924)      1.33437 (04011924)
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 4415000.0 | 9.13049c(04102624)   3.52950 (04121624)
3.33768 (04062924)   1.57659 (04030824)   1.07556 (04011924)
 4414500.0 | 8.06280 (04121624)   21.27058 (04020424)
16.34422 (04020424)   4.70226 (04020424)   1.37386c(04122724)
 4414000.0 | 12.46437 (04020424)   9.05014 (04122224)
4.03419 (04020424)   1.56690c(04122724)   1.71867c(04122724)
 4413500.0 | 4.62573 (04020424)   4.09643 (04102124)
7.86933 (04092924)   9.35477 (04092924)   1.91779c(04122724)
 4413000.0 | 5.74696 (04102124)   10.21624 (04111324)
22.52372 (04092924)   12.58007 (04092924)   1.98248c(04122724)
 4412500.0 | 10.56649 (04111324)   19.14127 (04092924)
18.94543 (04111324)   1.93506c(04122724)   1.98320c(04122724)
 4412000.0 | 18.09357 (04111324)   4.75151 (04091324)
4.15283 (04092724)   1.85103c(04122724)   3.95836 (04092724)
 4411500.0 | 22.50685 (04111324)   2.33938 (04092724)
1.88500c(04122724)   1.78277c(04122724)   3.05595 (04101924)
 4411000.0 | 19.07342 (04092724)   2.25979 (04092724)
8.55324c(04042524)   3.85669 (04101924)   1.48682 (04031124)
 4410500.0 | 1.64402c(04122724)   3.42027 (04092724)
3.56394c(04042524)   5.44202 (04031124)   2.82292 (04031124)
 4410000.0 | 2.76689 (04092724)   6.14621 (04031124)
5.14253 (04031124)   2.17501 (04031124)   1.59287 (04031124)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/26/11
                                   ***
                                   ***   14:35:06

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 **MODELOPTs: RegDFAULT CONC
  ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	530500.00	531000.00	531500.00	532000.00	532500.00
4425000.0	4.93954c(04122024)	4.49930 (04012724)	4.85259 (04012724)	10.72593 (04012724)	8.81167 (04012724)
4424500.0	6.57571c(04120424)	6.90650c(04122024)	5.86103 (04012724)	11.82104 (04012724)	15.81118 (04012724)
4424000.0	10.04098c(04120424)	9.09901c(04122024)	6.45697c(04122024)	9.74581 (04012724)	13.44580 (04011824)
4423500.0	11.72533c(04120424)	10.96391c(04122024)	7.29821c(04122024)	5.50515 (04012724)	12.20230 (04011824)
4423000.0	8.98378c(04120424)	11.35872c(04120424)	8.89874c(04120424)	2.27318 (04020324)	6.70645 (04011824)
4422500.0	9.36021 (04040824)	10.35642 (04071924)	10.83914 (04071924)	3.12839 (04071924)	2.49484 (04011824)
4422000.0	5.93935 (04040824)	4.05741 (04040824)			

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3.26886 (04071924)      1.87562 (04071924)      3.13600 (04071924)
 4421500.0 |       0.95732c(04011224)      1.05396c(04011224)
1.07401c(04011224)      6.31362 (04071924)      3.99138 (04071924)
 4421000.0 |       0.95367c(04011224)      0.99146c(04011224)
1.03055c(04011224)      4.64551 (04071924)      1.12885c(04011224)
 4420500.0 |       0.88626c(04011224)      0.92792c(04011224)
0.98902c(04011224)      1.10271c(04011224)      2.44663 (04071924)
 4420000.0 |       0.79354c(04011224)      0.86000c(04011224)
0.94440c(04011224)      1.06616c(04011224)      1.14571c(04011224)
 4419500.0 |       0.82736 (04012624)      0.79277c(04011224)
0.88576c(04011224)      0.99468c(04011224)      1.12434c(04011224)
 4419000.0 |       1.06322 (04012624)      1.03970 (04012624)
0.99969 (04012624)      2.53410 (04012424)      1.07435c(04011224)
 4418500.0 |       1.28594 (04012624)      1.30041 (04012624)
3.86089 (04011524)     11.73685 (04011524)     10.93400 (04011524)
 4418000.0 |       1.45190 (04012624)      1.52539 (04012624)
2.10296 (04012624)      6.19885 (04071124)      8.35083 (04012624)
 4417500.0 |       1.51072 (04012624)      1.85910 (04012624)
6.85860 (04110624)     49.39726 (04110624)     41.81709 (04110624)
 4417000.0 |       1.43767 (04012624)      2.20071 (04012624)
11.63120 (04012624)      9.82959 (04012624)     22.57639 (04030224)
 4416500.0 |       1.25167 (04012624)      2.54825 (04070224)
22.62090 (04041324)     31.06114 (04123124)     34.26333 (04122224)
 4416000.0 |       1.32017 (04011924)      1.62214 (04030824)
36.31680 (04030824)     28.56152 (04122224)     23.13771 (04122224)
 4415500.0 |       1.23606 (04011924)      4.44511 (04062924)
15.50729 (04020424)     16.89541 (04121024)     24.31129 (04121024)
 4415000.0 |       1.18347c(04122724)      1.50640c(04122724)
23.12222 (04092924)     28.85335 (04111324)     30.24333 (04031124)
 4414500.0 |       1.59298c(04122724)      4.02741 (04092924)
44.91966 (04111324)     26.18805 (04031124)     18.00463 (04031124)
 4414000.0 |       1.89013c(04122724)      6.70251 (04091324)
```

34.48969 (04092724)   19.17976 (04031124)   11.25807 (04031124)
 4413500.0 | 2.06618c(04122724)   23.69249 (04092724)
14.56380c(04042524)   11.12478 (04031124)   5.14353 (04111224)
 4413000.0 | 7.49212 (04092724)   11.99821 (04031124)
9.57332 (04031124)   3.97847 (04031124)   5.22169 (04111224)
 4412500.0 | 10.93223c(04042524)   6.43523 (04031124)
5.61877 (04031124)   2.90104 (04111224)   3.64892 (04111224)
 4412000.0 | 6.12289 (04031124)   5.68992 (04031124)
3.36309 (04111224)   5.96184 (04111224)   6.14096 (04123124)
 4411500.0 | 4.36766 (04031124)   2.15102 (04031124)
3.57966 (04111224)   4.42844 (04111224)   3.82343 (04082724)
 4411000.0 | 2.71600 (04031124)   2.05853 (04111224)
3.13903 (04111224)   6.73464 (04123124)   2.79497 (04073024)
 4410500.0 | 2.21294 (04111224)   3.46837 (04111224)
3.49192 (04111224)   3.59586 (04082724)   16.25451 (04123124)
 4410000.0 | 2.93628 (04111224)   4.02413 (04111224)
4.11884 (04123124)   6.12696 (04123124)   10.20876 (04073024)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/26/11
                                  ***
                                  ***   14:35:06

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 **MODELOPTs: RegDFAULT CONC
  ELEV

                               *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 1ALT   ***
                                  INCLUDING SOURCE(S):   BACA1A ,
BACA1B ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	533000.00	533500.00	534000.00	534500.00	535000.00
4425000.0	14.48546 (04012724)	8.81954 (04040624)	1.72160 (04040624)	0.94395 (04120224)	3.24110 (04021924)
4424500.0	15.36279 (04012724)	7.14111 (04040624)	0.73561 (04012724)	0.79374 (04112724)	1.37030 (04012024)
4424000.0	14.74920 (04012724)	9.18299 (04040624)	0.73624c(04011224)	0.80273 (04011124)	1.03792 (04112724)
4423500.0	25.42400 (04011824)	5.50861 (04011824)	0.76625c(04011224)	0.83566 (04011124)	1.00790 (04112724)
4423000.0	16.79259 (04011824)	6.48692 (04011824)	0.80814c(04011224)	0.87121 (04011124)	1.00454 (04112724)
4422500.0	4.40508 (04011824)	1.68853 (04011824)	1.01931 (04011824)	0.91056 (04011124)	1.01096 (04011124)
4422000.0	1.43552 (04011824)	1.03296 (04011824)	0.91377c(04011224)	0.95465 (04011124)	1.10161 (04112024)
4421500.0	1.11401 (04011824)	1.10707 (04011824)	0.98932 (04011824)	0.99972 (04011124)	1.25388 (04112024)
4421000.0	1.12233 (04011824)	1.16528 (04011824)	1.08993 (04011824)	1.03008 (04011124)	1.42942 (04112024)

```
 4420500.0 |      1.18433c(04011224)      1.21410 (04011824)
1.19876 (04011824)      1.11554c(04011224)      1.70317 (04041424)
 4420000.0 |      1.22102c(04011224)      1.29979c(04011224)
1.29442c(04011224)      1.60223 (04011824)      2.03772 (04041424)
 4419500.0 |      1.27008c(04011224)      1.40055c(04011224)
1.42732c(04011224)      2.72209 (04011824)      2.87539 (04040624)
 4419000.0 |      1.31569c(04011224)      2.15423 (04040824)
1.50522c(04011224)      5.28331 (04011824)      3.88544 (04040624)
 4418500.0 |     25.36691 (04012424)      4.77168 (04031024)
1.50087c(04011224)      1.99906 (04041024)      4.51426 (04040624)
 4418000.0 |     14.57792 (04012624)     18.34250 (04012524)
9.88749 (04012424)      2.04905 (04061324)      3.80627 (04041024)
 4417500.0 |     54.63151 (04012624)     61.29303 (04012624)
113.46652 (04110624)     26.27912 (04112924)      4.13218 (04060424)
 4417000.0 |     35.92130 (04030224)     46.59750 (04123124)
24.23811 (04062924)     39.18904 (04092924)     13.53403 (04070424)
 4416500.0 |     39.95031 (04122224)     23.88844 (04020424)
29.94621 (04092924)      6.28337 (04070524)      9.84526 (04070824)
 4416000.0 |     30.50062 (04111324)     73.42419 (04092724)
4.31379 (04090624)      5.78039 (04070424)      5.64187 (04070824)
 4415500.0 |     38.81426 (04111324)     11.02641c(04042524)
2.90099 (04070424)      4.92427 (04070924)      3.67357 (04090524)
 4415000.0 |     17.38872c(04042524)      1.65176 (04070424)
3.99701 (04070924)      3.91913 (04070824)      3.11117 (04090524)
 4414500.0 |      2.23258 (04031124)      2.42280 (04101324)
4.05571 (04070924)      3.20317 (04073024)      2.65871 (04090524)
 4414000.0 |      4.44310 (04111224)     13.20655 (04123124)
3.63067 (04073024)      2.39411 (04073024)      2.33977 (04090524)
 4413500.0 |     10.06830 (04111224)     28.65387 (04123124)
3.24451 (04073024)      1.82432 (04073024)      2.10073 (04090524)
 4413000.0 |      7.17004 (04123124)     11.20650 (04073024)
4.09563 (04073024)      1.51421 (04090524)      1.92568 (04090524)
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 4412500.0 | 4.77079 (04061424)   3.60917 (04073024)
2.02262 (04073024)   1.47242 (04090524)   1.81626 (04090524)
 4412000.0 | 4.70974 (04073024)   2.06440 (04073024)
1.50364 (04073024)   1.40115 (04090524)   1.64828 (04090524)
 4411500.0 | 4.40667 (04073024)   1.72818 (04073024)
1.34692 (04073024)   3.34291 (04090524)   1.80735 (04090524)
 4411000.0 | 4.21471 (04073024)   2.80280 (04111024)
4.43131 (04111124)   3.66960 (04090524)   1.94090 (04090524)
 4410500.0 | 10.04601 (04111024)   13.45447 (04111124)
6.38650 (04111124)   3.53624 (04090524)   3.67049 (04110824)
 4410000.0 | 24.75175 (04111124)   14.55499 (04111124)
3.28254 (04111124)   4.39257 (04110824)   8.64340 (04110824)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/26/11
                                   ***
                                   ***   14:35:06

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 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 1ALT   ***
                                   INCLUDING SOURCE(S):   BACA1A ,
BACA1B ,

                                    *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

                                         ** CONC OF NOX   IN

MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)		
	535500.00	536000.00	536500.00
4425000.0	0.99487 (04112724)	0.81183 (04112724)	0.89769 (04120724)
	1.10759 (04021524)	2.62383 (04032524)	
4424500.0	1.04678 (04112724)	0.82991 (04120724)	0.93544 (04021524)
	1.27046 (04021524)	1.58173 (04021524)	
4424000.0	1.03572 (04112724)	0.84142 (04120724)	1.05306 (04021524)
	1.49426 (04021524)	1.78182 (04021524)	
4423500.0	1.02979 (04112724)	0.87328 (04011124)	1.30174 (04021524)
	1.74729 (04021524)	1.99368 (04021524)	
4423000.0	1.03565 (04112724)	0.98664 (04112024)	1.55842 (04021524)
	2.09330 (04021524)	2.15793 (04021524)	
4422500.0	1.14751 (04112024)	1.21650 (04021524)	1.96038 (04021524)
	2.40331 (04021524)	2.22233 (04021524)	
4422000.0	1.30943 (04112024)	1.40500 (04021524)	2.33251 (04021524)
	2.93324 (04021524)	2.08144 (04021524)	
4421500.0	1.53455 (04112024)	1.79232 (04021524)	2.97472 (04021524)
	2.84321 (04021524)	1.75004 (04021524)	
4421000.0	1.80912 (04112024)	2.53054 (04021524)	3.38939 (04021524)
	2.66176 (04021524)	1.37496 (04021224)	
4420500.0	2.19573 (04112024)	3.17492 (04021524)	3.79725 (04021524)
	2.30357 (04021224)	0.89954 (04021224)	
4420000.0	2.65791 (04112024)	4.29990 (04021224)	3.77954 (04021224)
	1.74472 (04021224)	1.14652 (04053124)	
4419500.0	3.75903 (04092524)	6.39706 (04021324)	

3.38431 (04021324) 1.42671 (04050724) 1.91441 (04012224)
 4419000.0 | 4.34549 (04021224) 7.25364 (04021324)
2.22596 (04050724) 2.41001 (04012224) 2.12907 (04012224)
 4418500.0 | 8.06201 (04021324) 3.86802 (04021324)
3.50997 (04050724) 2.88091 (04051224) 2.74768 (04051224)
 4418000.0 | 5.08996 (04022624) 5.31399 (04050924)
6.53206 (04051224) 4.59063 (04051224) 2.98154 (04051224)
 4417500.0 | 1.54053 (04060724) 5.73644 (04082924)
4.92174 (04051424) 3.66550 (04021024) 2.76402 (04021024)
 4417000.0 | 3.81460 (04051524) 3.57419 (04081224)
3.08214 (04021024) 2.75460 (04021024) 2.11553 (04021024)
 4416500.0 | 4.34648 (04060924) 6.10076 (04051524)
3.11445 (04051524) 1.54659 (04021024) 4.92126 (04022124)
 4416000.0 | 3.29346 (04062424) 3.56128 (04041624)
3.81683 (04051524) 2.14472 (04051524) 0.87983 (04051524)
 4415500.0 | 2.37205 (04062424) 3.62811 (04041624)
2.65320 (04051524) 2.71241 (04051524) 1.61004 (04051524)
 4415000.0 | 2.04096 (04090524) 2.96013 (04090924)
2.64090 (04041624) 2.07692 (04051524) 1.93691 (04051524)
 4414500.0 | 1.85340 (04090524) 2.29877 (04090924)
2.64983 (04041624) 1.57194 (04041624) 1.69169 (04051524)
 4414000.0 | 1.68471 (04090524) 1.73048 (04090924)
2.40162 (04090924) 1.88660 (04041624) 1.52741 (04112224)
 4413500.0 | 1.56581 (04090524) 1.39332 (04090924)
2.09187 (04090924) 1.94056 (04041624) 1.17093 (04041624)
 4413000.0 | 1.44477 (04090524) 2.68955 (04110824)
1.72292 (04090924) 1.87933 (04090924) 1.40402 (04041624)
 4412500.0 | 1.33725 (04090524) 0.88430 (04090924)
1.43067 (04090924) 1.69691 (04090924) 1.43477 (04041624)
 4412000.0 | 1.26021 (04090524) 0.64395c(04122724)
1.19756 (04090924) 1.51863 (04090924) 1.42994 (04090924)
 4411500.0 | 1.21157 (04090524) 0.64679 (04090524)

0.99935 (04090924) 1.31236 (04090924) 1.37458 (04090924)
 4411000.0 | 7.11977 (04110824) 0.65620 (04090524)
0.79252 (04090924) 1.18753 (04090924) 1.28076 (04090924)
 4410500.0 | 1.48397 (04110824) 0.66085 (04090524)
0.66318 (04090924) 1.02648 (04090924) 1.19754 (04090924)
 4410000.0 | 2.48593 (04110824) 0.66814 (04090524)
0.56461 (04090924) 0.88778 (04090924) 1.10385 (04090924)
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/26/11
 ***
 *** 14:35:06

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 **MODELOPTs: RegDFAULT CONC
  ELEV

 *** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
 INCLUDING SOURCE(S): BACA1A ,
BACA1B ,

 *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD
(METERS)
  (METERS) | 538000.00 538500.00

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539000.00               539500.00               540000.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 4425000.0 |      1.63613 (04021524)      1.46032 (04122624)
1.34600 (04122624)      1.13904 (04122624)      0.96475 (04122624)
 4424500.0 |      3.11338 (04021524)      1.48741 (04021524)
1.18050 (04122624)      1.02899 (04122624)      0.88171 (04122624)
 4424000.0 |      4.06541 (04022624)      1.48242 (04021524)
1.11604 (04122624)      0.93764 (04122624)      0.80733 (04122624)
 4423500.0 |      4.74602 (04022624)      3.94106 (04111924)
1.07992 (04122624)      0.85658 (04122624)      1.05459c(04011224)
 4423000.0 |      3.27655 (04111924)      1.16083 (04122624)
0.90976 (04122624)      0.76593 (04122624)      0.95051 (04010424)
 4422500.0 |      1.44395 (04021524)      0.90615 (04122624)
0.79191 (04122624)      0.74034 (04010424)      1.01478 (04010424)
 4422000.0 |      1.11530 (04021524)      0.77398 (04010224)
0.78628 (04010224)      0.90775 (04010424)      1.08653 (04010824)
 4421500.0 |      0.83080 (04021224)      0.82119 (04010224)
0.89541 (04010424)      1.14940 (04010524)      1.32350 (04010524)
 4421000.0 |      0.85177 (04010224)      0.93170 (04010424)
1.27475 (04010524)      1.46215 (04010524)      1.46099 (04010524)
 4420500.0 |      1.00035 (04053124)      1.41732 (04010524)
1.66202 (04010524)      1.52172 (04010524)      1.36569 (04010424)
 4420000.0 |      1.59438 (04010524)      1.76272 (04010524)
1.57409 (04010524)      1.46335 (04010424)      1.44832 (04010424)
 4419500.0 |      2.65902 (04010824)      1.56382 (04060124)
1.55072 (04010424)      3.22410 (04021124)      2.89000 (04032524)
 4419000.0 |      1.75593 (04060124)      2.41558 (04021124)
2.80053 (04032524)      6.01872 (04051124)      7.18428 (04022624)
 4418500.0 |      2.38142 (04051224)      1.99649 (04051224)
1.72872 (04022024)      4.69637 (04022624)      3.25052 (04022624)
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 4418000.0 |      2.09674 (04051424)      1.74748 (04051424)
1.41829 (04051424)      4.35114 (04061924)      6.90427 (04061924)
 4417500.0 |      2.16648 (04021024)     15.65743 (04062024)
4.19356 (04082924)     10.15355 (04062024)     12.18775 (04022224)
 4417000.0 |      1.67236 (04021024)      6.50467 (04091024)
4.95354 (04122624)      8.55566 (04122524)      9.21745 (04022024)
 4416500.0 |      9.40694 (04082424)     10.29080 (04082924)
7.32559 (04050624)      5.41644 (04050624)      4.60259 (04100924)
 4416000.0 |      1.25757 (04060524)      7.15944 (04092024)
7.39192 (04122924)      7.66078 (04101024)      6.80281 (04050624)
 4415500.0 |      0.77522 (04042324)      0.75310 (04022924)
3.57006 (04021124)      4.93742 (04022924)      8.70606 (04092024)
 4415000.0 |      1.25854 (04051524)      0.68945 (04042324)
0.48625 (04122924)      1.26066 (04022924)      3.08615 (04060524)
 4414500.0 |      1.52707 (04112224)      1.06266 (04051524)
0.61315 (04042324)      0.41158 (04122924)      0.47651 (04122924)
 4414000.0 |      1.76504 (04112224)      1.50750 (04112224)
0.90238 (04112224)      0.54888 (04042324)      0.38765 (04042324)
 4413500.0 |      1.46758 (04112224)      1.75015 (04112224)
1.44594 (04112224)      0.87661 (04112224)      0.49648 (04042324)
 4413000.0 |      1.04082 (04112224)      1.59870 (04112224)
1.64800 (04112224)      1.32362 (04112224)      0.83322 (04112224)
 4412500.0 |      0.97422 (04041624)      1.12746 (04112224)
1.46203 (04112224)      1.51497 (04112224)      1.20661 (04112224)
 4412000.0 |      1.09057 (04041624)      0.82363 (04112224)
1.19498 (04112224)      1.45591 (04112224)      1.43974 (04112224)
 4411500.0 |      1.12975 (04090924)      0.81231 (04041624)
0.91775 (04112224)      1.23677 (04112224)      1.41265 (04112224)
 4411000.0 |      1.15742 (04090924)      0.87332 (04090924)
0.69241 (04112224)      0.99927 (04112224)      1.26214 (04112224)
 4410500.0 |      1.14730 (04090924)      0.93816c(04121424)
0.68191c(04121424)      0.80395 (04112224)      1.06566 (04112224)
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 4410000.0 | 1.11629 (04090924)   0.99649c(04121424)
0.76151c(04121424)   0.62379 (04112224)   0.86008 (04112224)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/26/11
                                   ***
                                   ***   14:35:06

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 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 1ALT   ***
                                   INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   ,

                                    *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD
(METERS)
  (METERS) | 540500.00   541000.00
541500.00   542000.00   542500.00
 -
- -

 4425000.0 | 0.82775 (04122624)   0.72979 (04122624)

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1.32361c(04011224)      6.84309c(04011224)      6.78345 (04100824)
 4424500.0 |       0.76628 (04122624)      0.88023c(04011224)
5.00266c(04011224)      6.95126 (04100824)      9.57313 (04012824)
 4424000.0 |       0.76409c(04011224)      3.38259 (04100824)
5.35177 (04100824)      8.22086 (04012824)      7.78250 (04012824)
 4423500.0 |       1.85967 (04100824)      2.78088 (04100824)
4.81456 (04012824)      6.10563 (04012824)      6.94764 (04012824)
 4423000.0 |       1.42095 (04010424)      2.02768 (04012824)
2.94659 (04050624)      2.41077 (04010824)      2.24501 (04010824)
 4422500.0 |       1.27168 (04010824)      2.01489 (04010824)
1.80508 (04010824)      1.85808 (04010824)      3.68594 (04010824)
 4422000.0 |       1.28728 (04010824)      1.43477 (04010824)
1.33511 (04010824)      3.28921 (04010824)      3.99219 (04010824)
 4421500.0 |       1.35218 (04010524)      1.49004 (04010824)
2.44031 (04010824)      2.61809 (04010824)      4.86885c(04100124)
 4421000.0 |       1.40127 (04010824)      1.54614 (04010824)
3.00484c(04100124)     11.25927c(04100124)      8.89747c(04122024)
 4420500.0 |       1.36463 (04010424)      2.15927 (04021124)
11.99500c(04100124)     12.14720c(04122024)      9.92891c(04122024)
 4420000.0 |       2.63309 (04021124)      7.95994 (04021124)
15.83071c(04100124)     11.78467c(04122024)     13.64180c(04122024)
 4419500.0 |       4.77288 (04051124)      8.67268 (04040524)
18.48108c(04100124)     15.54245c(04100124)     13.32150c(04100124)
 4419000.0 |       9.17495 (04022624)      8.25724 (04022624)
9.18164c(04100124)      9.57655c(04122024)      7.70315c(04122024)
 4418500.0 |       3.12221c(04100124)      4.48482c(04100124)
7.23943c(04100124)      4.75958c(04122024)      5.06334c(04122024)
 4418000.0 |       6.80001 (04061924)      6.72128 (04122524)
6.42307 (04101724)      5.50546c(04122024)      4.96398c(04122024)
 4417500.0 |       9.42732 (04022024)      8.64924 (04022024)
7.64280 (04022024)      7.17803 (04022024)      6.85064 (04022024)
 4417000.0 |       8.67861 (04022024)      7.36680 (04022024)
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7.71700 (04050924)      7.17189 (04022024)      6.93765 (04050924)
 4416500.0 |       4.64013 (04022024)      5.22792 (04022024)
5.13698 (04022024)      5.06154 (04050924)      5.08729 (04050924)
 4416000.0 |       5.23945 (04050624)      4.27749 (04082924)
3.08561 (04101024)      2.03689 (04101024)      2.76899 (04120524)
 4415500.0 |       6.43351 (04092024)      6.11993 (04082924)
7.25822 (04082924)      4.91596 (04050624)      3.81706 (04050624)
 4415000.0 |       4.28500 (04092024)      5.21188 (04092024)
8.31678 (04092024)      5.02088 (04122924)      4.87689 (04050624)
 4414500.0 |       0.49122 (04122924)      1.46104 (04060524)
2.83921 (04022924)      3.22752 (04061024)      3.93731 (04092024)
 4414000.0 |       0.38899 (04122924)      0.44579 (04122924)
1.02373 (04060524)      2.59990 (04022924)      3.32024 (04060524)
 4413500.0 |       0.36910 (04042324)      0.34680 (04122924)
0.37444 (04122924)      0.42587 (04122924)      0.95510 (04060524)
 4413000.0 |       0.45405 (04042324)      0.35126 (04042324)
0.30973 (04122924)      0.33270 (04122924)      0.35716 (04122924)
 4412500.0 |       0.84058 (04112224)      0.44951 (04112224)
0.33472 (04042324)      0.27870 (04122924)      0.29803 (04122924)
 4412000.0 |       1.19027 (04112224)      0.79711 (04112224)
0.47097 (04112224)      0.31944 (04042324)      0.25577 (04042324)
 4411500.0 |       1.42632 (04112224)      1.16469 (04112224)
0.76443 (04112224)      0.46327 (04112224)      0.30598 (04042324)
 4411000.0 |       1.37554 (04112224)      1.28021 (04112224)
1.03520 (04112224)      0.74061 (04112224)      0.47830 (04112224)
 4410500.0 |       1.25974 (04112224)      1.31452 (04112224)
1.21697 (04112224)      0.99025 (04112224)      0.72399 (04112224)
 4410000.0 |       1.10068 (04112224)      1.24275 (04112224)
1.28002 (04112224)      1.15469 (04112224)      0.94425 (04112224)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT *** INCLUDING SOURCE(S): BACA1A , BACA1B ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 543000.00
4425000.0	9.32942 (04010424)
4424500.0	10.42613 (04012824)
4424000.0	6.13082 (04012824)
4423500.0	3.16436 (04021124)
4423000.0	5.18811 (04010824)
4422500.0	1.02110 (04010424)
4422000.0	6.46972c(04122024)

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4421500.0 |      7.99079c(04122024)
4421000.0 |      5.07138c(04122024)
4420500.0 |      9.23652c(04122024)
4420000.0 |     12.06457c(04122024)
4419500.0 |     11.80303c(04100124)
4419000.0 |      6.23065c(04122024)
4418500.0 |      3.41673c(04122024)
4418000.0 |      4.75798c(04122024)
4417500.0 |      6.81951 (04022024)
4417000.0 |      6.77409 (04022024)
4416500.0 |      5.20763 (04022024)
4416000.0 |      2.38601 (04120524)
4415500.0 |      3.01713 (04122924)
4415000.0 |      4.68755 (04050624)
4414500.0 |      4.41738 (04050624)
4414000.0 |      3.72229 (04092024)
4413500.0 |      2.28305 (04060524)
4413000.0 |      0.38369 (04122924)
4412500.0 |      0.31564 (04122924)
4412000.0 |      0.26975 (04122924)
4411500.0 |      0.25121 (04042324)
4411000.0 |      0.29462 (04042324)
4410500.0 |      0.50182 (04112224)
4410000.0 |      0.73111 (04112224)
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**MODELOPTs: RegDFAULT CONC
 ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
537268.00	4419321.00	2.01476	(04012224)
533288.00	4420664.00	1.17140	(04011824)
530873.00	4418253.00	1.40745	(04012624)
532253.00	4419045.00	1.01350c	(04011224)
534268.00	4421987.00	0.88452c	(04011224)
536366.00	4419557.00	4.50462	(04021324)
534987.00	4418091.00	3.82918	(04041024)
530614.00	4415312.00	1.09257	(04011924)
538946.00	4413223.00	1.61871	(04112224)
541693.00	4411996.00	0.37493	(04112224)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	528000.00	528500.00	529000.00	529500.00	530000.00
4425000.0	5.55961c(04122024)	7.58041c(04122024)	9.16458c(04122024)	9.71186c(04122024)	7.76856c(04122024)
4424500.0	5.83598c(04122024)	7.57936c(04122024)	7.36656c(04122024)	9.20677c(04120424)	10.38423c(04120424)
4424000.0	3.36100c(04122024)	5.67558c(04122024)	5.02797c(04122024)	6.24272c(04120424)	9.27315c(04120424)
4423500.0	1.30897c(04122024)	2.13619c(04122024)			

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4.79228 (04040824)      7.52222 (04040824)      7.91290 (04071924)
 4423000.0 |      0.70756c(04011224)      0.75575c(04011224)
1.52525 (04040824)      5.32191 (04040824)      5.00672 (04040824)
 4422500.0 |      0.73026c(04011224)      0.79126c(04011224)
0.80125c(04011224)      1.05506 (04040824)      1.85147 (04040824)
 4422000.0 |      0.71725c(04011224)      0.78885c(04011224)
0.83243c(04011224)      0.89526c(04011224)      0.98496c(04011224)
 4421500.0 |      0.68315c(04011224)      0.74483c(04011224)
0.81155c(04011224)      0.87996c(04011224)      0.94720c(04011224)
 4421000.0 |      0.63265c(04011224)      0.68903c(04011224)
0.74984c(04011224)      0.81323c(04011224)      0.87851c(04011224)
 4420500.0 |      0.60474 (04012624)      0.63110c(04011224)
0.68495c(04011224)      0.74184c(04011224)      0.80373c(04011224)
 4420000.0 |      0.74383 (04012624)      0.73326 (04012624)
0.71726 (04012624)      0.69340 (04012624)      0.72932c(04011224)
 4419500.0 |      0.89853 (04012624)      0.89243 (04012624)
0.88911 (04012624)      0.87925 (04012624)      0.86106 (04012624)
 4419000.0 |      1.05233 (04012624)      1.06067 (04012624)
1.07030 (04012624)      1.07278 (04012624)      1.07478 (04012624)
 4418500.0 |      1.22218 (04012624)      1.24471 (04012624)
1.26100 (04012624)      1.28511 (04012624)      1.28120 (04012624)
 4418000.0 |      1.39995 (04012624)      1.43315 (04012624)
1.49650 (04012624)      1.47103 (04012624)      1.47071 (04012624)
 4417500.0 |      1.49340 (04012324)      1.51248 (04012324)
1.55068 (04012624)      1.57293 (04012624)      1.53244 (04012324)
 4417000.0 |      1.36109 (04012324)      1.35642 (04012324)
1.42812 (04012624)      1.47642 (04012624)      1.46598 (04012624)
 4416500.0 |      1.16973 (04012624)      1.18042 (04012624)
1.20728 (04012624)      1.23236 (04012624)      1.25226 (04012624)
 4416000.0 |      1.05797 (04011924)      1.14904 (04011024)
1.31621 (04011024)      1.42124 (04011024)      1.34484 (04011924)
 4415500.0 |      1.84803 (04011024)     10.72173 (04041324)
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1.69663 (04011024)      1.44493 (04011924)      1.35470 (04011924)
 4415000.0 |      9.13107c(04102624)      3.53983 (04121624)
3.34740 (04062924)      1.58105 (04030824)      1.08335 (04011924)
 4414500.0 |      8.06705 (04121624)     21.27081 (04020424)
16.34439 (04020424)      4.70246 (04020424)      1.39757c(04122724)
 4414000.0 |     12.46451 (04020424)      9.05163 (04122224)
4.03438 (04020424)      1.57390c(04122724)      1.75500c(04122724)
 4413500.0 |      4.62587 (04020424)      4.09689 (04102124)
7.87044 (04092924)      9.35944 (04092924)      2.00540c(04122724)
 4413000.0 |      5.74757 (04102124)     10.21710 (04111324)
22.52544 (04092924)     12.58243 (04092924)      2.05500c(04122724)
 4412500.0 |     10.56730 (04111324)     19.14367 (04092924)
18.94676 (04111324)      1.98222c(04122724)      1.99887c(04122724)
 4412000.0 |     18.09439 (04111324)      4.76061 (04091324)
4.16059 (04092724)      1.88162c(04122724)      3.95938 (04092724)
 4411500.0 |     22.50763 (04111324)      2.34908 (04092724)
1.89580c(04122724)      1.78857c(04122724)      3.05617 (04101924)
 4411000.0 |     19.07507 (04092724)      2.26637 (04092724)
8.55368c(04042524)      3.85689 (04101924)      1.48683 (04031124)
 4410500.0 |      1.65778c(04122724)      3.42143 (04092724)
3.56413c(04042524)      5.44203 (04031124)      2.82293 (04031124)
 4410000.0 |      2.76820 (04092724)      6.14621 (04031124)
5.14254 (04031124)      2.17502 (04031124)      1.59287 (04031124)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***         10/26/11
                                   ***
                                   ***        14:35:06

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 **MODELOPTs:  RegDFAULT CONC
  ELEV
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	530500.00	531000.00	531500.00	532000.00	532500.00
4425000.0	4.94002c(04122024)	4.50015 (04012724)	4.85357 (04012724)	10.72704 (04012724)	8.81293 (04012724)
4424500.0	6.57616c(04120424)	6.90700c(04122024)	5.86200 (04012724)	11.82214 (04012724)	15.81272 (04012724)
4424000.0	10.04140c(04120424)	9.09956c(04122024)	6.45748c(04122024)	9.74692 (04012724)	13.44724 (04011824)
4423500.0	11.72569c(04120424)	10.96451c(04122024)	7.29879c(04122024)	5.50626 (04012724)	12.20387 (04011824)
4423000.0	8.98409c(04120424)	11.35915c(04120424)	8.89932c(04120424)	2.27454 (04020324)	6.70817 (04011824)
4422500.0	9.36022 (04040824)	10.35872 (04071924)	10.84100 (04071924)	3.12934 (04071924)	2.49676 (04011824)

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 4422000.0 |      5.93936 (04040824)      4.05744 (04040824)
3.27251 (04071924)      1.87805 (04071924)      3.13663 (04071924)
 4421500.0 |      0.96022c(04011224)      1.05968c(04011224)
1.08138c(04011224)      6.31713 (04071924)      3.99332 (04071924)
 4421000.0 |      0.95665c(04011224)      0.99604c(04011224)
1.03863c(04011224)      4.64929 (04071924)      1.13792c(04011224)
 4420500.0 |      0.88840c(04011224)      0.93230c(04011224)
0.99708c(04011224)      1.10999c(04011224)      2.45187 (04071924)
 4420000.0 |      0.79622c(04011224)      0.86499c(04011224)
0.95014c(04011224)      1.07157c(04011224)      1.15756c(04011224)
 4419500.0 |      0.83025 (04012624)      0.79474c(04011224)
0.88829c(04011224)      0.99835c(04011224)      1.13052c(04011224)
 4419000.0 |      1.06608 (04012624)      1.04170 (04012624)
1.00312 (04012624)      2.54440 (04012424)      1.07860c(04011224)
 4418500.0 |      1.29256 (04012624)      1.30502 (04012624)
3.86167 (04011524)     11.73800 (04011524)     10.93790 (04011524)
 4418000.0 |      1.49867 (04012624)      1.71661 (04012624)
2.10750 (04012624)      6.20093 (04071124)      8.35622 (04012624)
 4417500.0 |      1.57958 (04012624)      1.86658 (04012624)
6.85991 (04110624)     49.39867 (04110624)     41.81875 (04110624)
 4417000.0 |      1.48399 (04012624)      2.20453 (04012624)
11.63511 (04012624)      9.83383 (04012624)     22.57712 (04030224)
 4416500.0 |      1.25788 (04012624)      2.55209 (04070224)
22.62198 (04041324)     31.06218 (04123124)     34.26528 (04122224)
 4416000.0 |      1.34815 (04011924)      1.62667 (04030824)
36.31955 (04030824)     28.56390 (04122224)     23.14133 (04122224)
 4415500.0 |      1.25511 (04011924)      4.44956 (04062924)
15.50768 (04020424)     16.89820 (04121024)     24.31484 (04121024)
 4415000.0 |      1.20307c(04122724)      1.51525c(04122724)
23.12364 (04092924)     28.85467 (04111324)     30.24335 (04031124)
 4414500.0 |      1.65672c(04122724)      4.03594 (04092924)
44.92089 (04111324)     26.18806 (04031124)     18.00465 (04031124)
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 4414000.0 |      1.96452c(04122724)      6.71154 (04091324)
34.49093 (04092724)     19.17977 (04031124)     11.25809 (04031124)
 4413500.0 |      2.09092c(04122724)     23.69478 (04092724)
14.56422c(04042524)     11.12479 (04031124)      5.14440 (04111224)
 4413000.0 |      7.49723 (04092724)     11.99822 (04031124)
9.57333 (04031124)      3.97848 (04031124)      5.22255 (04111224)
 4412500.0 |     10.93266c(04042524)      6.43524 (04031124)
5.61878 (04031124)      2.90177 (04111224)      3.64975 (04111224)
 4412000.0 |      6.12289 (04031124)      5.68992 (04031124)
3.36372 (04111224)      5.96257 (04111224)      6.14111 (04123124)
 4411500.0 |      4.36767 (04031124)      2.15103 (04031124)
3.58030 (04111224)      4.42915 (04111224)      3.82547 (04082724)
 4411000.0 |      2.71600 (04031124)      2.05909 (04111224)
3.13966 (04111224)      6.73477 (04123124)      2.80778 (04073024)
 4410500.0 |      2.21343 (04111224)      3.46893 (04111224)
3.49254 (04111224)      3.59758 (04082724)     16.25463 (04123124)
 4410000.0 |      2.93679 (04111224)      4.02470 (04111224)
4.11895 (04123124)      6.12727 (04123124)     10.21515 (04073024)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/26/11
                                   ***
                                   ***        14:35:06

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 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  2ALT     ***
                                   INCLUDING SOURCE(S):      BACA1A   ,
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BACA1B , ON.ISIT.,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	533000.00	533500.00	534000.00	534500.00	535000.00
4425000.0	14.48666 (04012724)	8.81980 (04040624)	1.72201 (04040624)	0.94823 (04120224)	3.24242 (04021924)
4424500.0	15.36428 (04012724)	7.14139 (04040624)	0.73657 (04012724)	0.79813 (04112724)	1.38256 (04012024)
4424000.0	14.75111 (04012724)	9.18328 (04040624)	0.73747c(04011224)	0.80631 (04011124)	1.04388 (04112724)
4423500.0	25.42555 (04011824)	5.51003 (04011824)	0.76877c(04011224)	0.83965 (04011124)	1.01390 (04112724)
4423000.0	16.79430 (04011824)	6.48855 (04011824)	0.81077c(04011224)	0.87620 (04011124)	1.01088 (04112724)
4422500.0	4.40712 (04011824)	1.69200 (04011824)	1.02091 (04011824)	0.91561 (04011124)	1.01563 (04011124)
4422000.0	1.43799 (04011824)	1.17277 (04011824)	0.95489 (04011824)	0.95876 (04011124)	1.10412 (04112024)
4421500.0	1.11660 (04011824)	1.20854 (04011824)	1.03016 (04011824)	1.00406 (04011124)	1.25744 (04112024)
4421000.0	1.12908c(04011224)	1.23370 (04011824)			

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1.12930 (04011824)      1.03455 (04011124)      1.43288 (04112024)
 4420500.0 |       1.19685c(04011224)      1.22350 (04011824)
1.23671 (04011824)      1.12547 (04040624)      1.71114 (04041424)
 4420000.0 |       1.23169c(04011224)      1.31104c(04011224)
1.33642 (04011824)      1.60589 (04011824)      2.04846 (04041424)
 4419500.0 |       1.28413c(04011224)      1.41432c(04011224)
1.44476c(04011224)      2.72770 (04011824)      2.88235 (04040624)
 4419000.0 |       1.32064c(04011224)      2.15430 (04040824)
1.52291c(04011224)      5.29262 (04011824)      3.89706 (04040624)
 4418500.0 |      25.37271 (04012424)      4.77189 (04031024)
1.51242c(04011224)      2.01029 (04020324)      4.76812 (04040624)
 4418000.0 |      14.58398 (04012624)     18.35106 (04012524)
9.89707 (04012424)      2.05571 (04061324)      3.87026 (04041024)
 4417500.0 |      54.63947 (04012624)     61.30374 (04012624)
113.47134 (04110624)     26.29487 (04112924)      4.97944 (04060424)
 4417000.0 |      35.92247 (04030224)     46.59940 (04123124)
24.25542 (04062924)     39.20276 (04092924)     13.62620 (04070424)
 4416500.0 |      39.95370 (04122224)     23.89013 (04020424)
29.95090 (04092924)      6.30856 (04070524)      9.88307 (04070824)
 4416000.0 |      30.50266 (04111324)     73.42659 (04092724)
4.32305 (04090624)      5.79911 (04070424)      5.65733 (04070824)
 4415500.0 |      38.81577 (04111324)     11.02735c(04042524)
2.90838 (04070424)      4.94651 (04070924)      3.71893 (04090524)
 4415000.0 |      17.38941c(04042524)      1.65481 (04070424)
4.01378 (04070924)      3.93132 (04070824)      3.15033 (04090524)
 4414500.0 |       2.23261 (04031124)      2.43215 (04101324)
4.06899 (04101324)      3.21147 (04073024)      2.69048 (04090524)
 4414000.0 |       4.44415 (04111224)     13.20678 (04123124)
3.64729 (04073024)      2.39945 (04073024)      2.36539 (04090524)
 4413500.0 |      10.06930 (04111224)     28.65407 (04123124)
3.25402 (04073024)      1.82868 (04073024)      2.12220 (04090524)
 4413000.0 |       7.17023 (04123124)     11.21810 (04073024)
```

4.10085 (04073024)   1.52628 (04090524)   1.94291 (04090524)
 4412500.0 | 4.77719 (04061424)   3.62068 (04073024)
2.02678 (04073024)   1.48285 (04090524)   1.82828 (04090524)
 4412000.0 | 4.72319 (04073024)   2.07353 (04073024)
1.50737 (04073024)   1.41600 (04090524)   1.66040 (04090524)
 4411500.0 | 4.41860 (04073024)   1.73442 (04073024)
1.34909 (04073024)   3.34777 (04090524)   1.81411 (04090524)
 4411000.0 | 4.22304 (04073024)   2.80389 (04111024)
4.43175 (04111124)   3.67356 (04090524)   1.94668 (04090524)
 4410500.0 | 10.04748 (04111024)   13.45493 (04111124)
6.38690 (04111124)   3.54044 (04090524)   3.67395 (04110824)
 4410000.0 | 24.75221 (04111124)   14.55541 (04111124)
3.28290 (04111124)   4.39275 (04110824)   8.64485 (04110824)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/26/11
                                   ***
                                   ***   14:35:06

                                              PAGE 78
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 2ALT   ***
                                   INCLUDING SOURCE(S):   BACA1A ,
BACA1B , ON.ISIT.,

                                    *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	535500.00	536000.00	536500.00
4425000.0	0.99899 (04112724)	0.81637 (04120724)	0.90275 (04120724)
4424500.0	1.05115 (04112724)	0.83580 (04120724)	0.94322 (04021524)
4424000.0	1.04068 (04112724)	0.84653 (04120724)	1.05898 (04021524)
4423500.0	1.03557 (04112724)	0.87713 (04011124)	1.31672 (04021524)
4423000.0	1.04167 (04112724)	0.99101 (04112024)	1.57974 (04021524)
4422500.0	1.15115 (04112024)	1.22347 (04021524)	1.99578 (04021524)
4422000.0	1.31399 (04112024)	1.41152 (04021524)	2.36779 (04021524)
4421500.0	1.54049 (04112024)	1.80317 (04021524)	2.99072 (04021524)
4421000.0	1.81709 (04112024)	2.56255 (04021524)	3.44442 (04021524)
4420500.0	2.20649 (04112024)	3.21985 (04021524)	3.83593 (04021524)
4420000.0	2.66916 (04112024)	4.31735 (04021224)	3.78477 (04021224)

Y-COORD (METERS)	X-COORD (METERS)		
	537000.00	537500.00	
4425000.0	2.63157 (04032524)		
4424500.0	1.61684 (04021524)		
4424000.0	1.81560 (04021524)		
4423500.0	2.01902 (04021524)		
4423000.0	2.17383 (04021524)		
4422500.0	2.22924 (04021524)		
4422000.0	2.08601 (04021524)		
4421500.0	1.75345 (04021524)		
4421000.0	1.37675 (04021224)		
4420500.0	0.90134 (04021224)		
4420000.0	1.15305 (04053124)		

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 4419500.0 |      3.76379 (04092524)      6.41238 (04021324)
3.38893 (04021324)      1.44510 (04050724)      1.93871 (04012224)
 4419000.0 |      4.36838 (04021224)      7.26616 (04021324)
2.25408 (04050724)      2.44337 (04012224)      2.13999 (04012224)
 4418500.0 |      8.11753 (04021324)      3.87613 (04021324)
3.54352 (04050724)      2.91540 (04051224)      2.77846 (04051224)
 4418000.0 |      5.17126 (04022624)      5.34460 (04060124)
6.59335 (04051224)      4.62736 (04051224)      2.99120 (04051224)
 4417500.0 |      1.66470 (04060724)      5.85954 (04082924)
4.95332 (04051424)      3.68159 (04021024)      2.77372 (04021024)
 4417000.0 |      3.93316 (04051524)      3.60006 (04051524)
3.09276 (04021024)      2.76164 (04021024)      2.11994 (04021024)
 4416500.0 |      4.35804 (04060924)      6.14287 (04051524)
3.13198 (04051524)      1.55000 (04021024)      4.93274 (04022124)
 4416000.0 |      3.30070 (04062424)      3.57192 (04041624)
3.84329 (04051524)      2.15197 (04051524)      0.88183 (04051524)
 4415500.0 |      2.37676 (04062424)      3.63753 (04041624)
2.66857 (04051524)      2.72686 (04051524)      1.61510 (04051524)
 4415000.0 |      2.05397 (04090524)      2.96792 (04090924)
2.64557 (04041624)      2.08914 (04051524)      1.94799 (04051524)
 4414500.0 |      1.86477 (04090524)      2.30511 (04090924)
2.65400 (04041624)      1.57980 (04021424)      1.70149 (04051524)
 4414000.0 |      1.69498 (04090524)      1.73595 (04090924)
2.40782 (04090924)      1.88945 (04041624)      1.53941 (04112224)
 4413500.0 |      1.57536 (04090524)      1.39635 (04090924)
2.09712 (04090924)      1.94347 (04041624)      1.17255 (04041624)
 4413000.0 |      1.45262 (04090524)      2.68972 (04110824)
1.72653 (04090924)      1.88338 (04090924)      1.40595 (04041624)
 4412500.0 |      1.34389 (04090524)      0.88638 (04090924)
1.43294 (04090924)      1.70020 (04090924)      1.43662 (04041624)
 4412000.0 |      1.26607 (04090524)      0.64637c(04122724)
1.19950 (04090924)      1.52112 (04090924)      1.43242 (04090924)
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 4411500.0 | 1.21663 (04090524)   0.64927 (04090524)
1.00155 (04090924)   1.31415 (04090924)   1.37637 (04090924)
 4411000.0 | 7.12007 (04110824)   0.65844 (04090524)
0.79427 (04090924)   1.18943 (04090924)   1.28236 (04090924)
 4410500.0 | 1.48493 (04110824)   0.66305 (04090524)
0.66462 (04090924)   1.02841 (04090924)   1.19937 (04090924)
 4410000.0 | 2.48678 (04110824)   0.67021 (04090524)
0.56580 (04090924)   0.88945 (04090924)   1.10589 (04090924)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/26/11
                                  ***
                                  ***   14:35:06

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 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 2ALT   ***
                                  INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   , ON.ISIT.,

                                   *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD
(METERS)

```
  (METERS) |       538000.00               538500.00
539000.00              539500.00              540000.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 4425000.0 |      1.64794 (04021524)      1.55681 (04122624)
1.39384 (04122624)      1.15208 (04122624)      0.96806 (04122624)
 4424500.0 |      3.11942 (04021524)      1.49092 (04021524)
1.18912 (04122624)      1.03372 (04122624)      0.88341 (04122624)
 4424000.0 |      4.06950 (04022624)      1.48463 (04021524)
1.12057 (04122624)      0.93992 (04122624)      0.80870 (04122624)
 4423500.0 |      4.74853 (04022624)      3.94179 (04111924)
1.08280 (04122624)      0.85829 (04122624)      1.05563c(04011224)
 4423000.0 |      3.27753 (04111924)      1.16512 (04122624)
0.91205 (04122624)      0.76754 (04122624)      0.95190 (04010424)
 4422500.0 |      1.44627 (04021524)      0.91063 (04122624)
0.79426 (04122624)      0.74191 (04010424)      1.01943 (04010424)
 4422000.0 |      1.11713 (04021524)      0.77807 (04010224)
0.78811 (04010224)      0.91507 (04010424)      1.09922 (04010824)
 4421500.0 |      0.83193 (04021224)      0.82385 (04010224)
0.96133 (04010424)      1.15418 (04010524)      1.32870 (04010524)
 4421000.0 |      0.85435 (04010224)      0.98109 (04010424)
1.28071 (04010524)      1.46846 (04010524)      1.46669 (04010524)
 4420500.0 |      1.01489 (04010424)      1.42490 (04010524)
1.66983 (04010524)      1.52815 (04010524)      1.36968 (04010424)
 4420000.0 |      1.60456 (04010524)      1.77229 (04010524)
1.58114 (04010524)      1.46778 (04010424)      1.45289 (04010424)
 4419500.0 |      2.67488 (04010824)      1.56788 (04060124)
1.55620 (04010424)      3.22830 (04021124)      2.89447 (04032524)
 4419000.0 |      1.76091 (04060124)      2.42125 (04021124)
2.80606 (04032524)      6.02405 (04051124)      7.18846 (04022624)
 4418500.0 |      2.39858 (04051224)      2.00621 (04051224)
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1.73411 (04022024) 4.69754 (04022624) 3.25081 (04022624)
 4418000.0 | 2.10400 (04051424) 1.75260 (04051424)
1.42293 (04051424) 4.35251 (04061924) 6.90516 (04061924)
 4417500.0 | 2.17317 (04021024) 15.65845 (04062024)
4.19611 (04082924) 10.15457 (04062024) 12.18939 (04022224)
 4417000.0 | 1.67590 (04021024) 6.50523 (04091024)
4.95413 (04122624) 8.55806 (04122524) 9.22152 (04022024)
 4416500.0 | 9.41168 (04082424) 10.29098 (04082924)
7.32566 (04050624) 5.41649 (04050624) 4.60305 (04100924)
 4416000.0 | 1.25775 (04060524) 7.15961 (04092024)
7.39428 (04122924) 7.66085 (04101024) 6.80286 (04050624)
 4415500.0 | 0.77646 (04042324) 0.75333 (04022924)
3.57016 (04021124) 4.93763 (04022924) 8.70615 (04092024)
 4415000.0 | 1.26296 (04051524) 0.69050 (04042324)
0.48743 (04122924) 1.26083 (04022924) 3.08621 (04060524)
 4414500.0 | 1.54092 (04112224) 1.06581 (04051524)
0.61408 (04042324) 0.41249 (04122924) 0.47748 (04122924)
 4414000.0 | 1.77977 (04112224) 1.51811 (04112224)
0.90784 (04112224) 0.54971 (04042324) 0.38819 (04042324)
 4413500.0 | 1.47953 (04112224) 1.76195 (04112224)
1.45438 (04112224) 0.88131 (04112224) 0.49724 (04042324)
 4413000.0 | 1.04858 (04112224) 1.60905 (04112224)
1.65766 (04112224) 1.33061 (04112224) 0.83743 (04112224)
 4412500.0 | 0.97550 (04041624) 1.13536 (04112224)
1.47087 (04112224) 1.52294 (04112224) 1.21247 (04112224)
 4412000.0 | 1.09191 (04041624) 0.82913 (04112224)
1.20214 (04112224) 1.46359 (04112224) 1.44647 (04112224)
 4411500.0 | 1.13159 (04090924) 0.81328 (04041624)
0.92310 (04112224) 1.24307 (04112224) 1.41921 (04112224)
 4411000.0 | 1.15890 (04090924) 0.87469 (04090924)
0.69629 (04112224) 1.00419 (04112224) 1.26809 (04112224)
 4410500.0 | 1.14905 (04090924) 0.94127c(04121424)

0.68571c(04121424) 0.80720 (04112224) 1.06958 (04112224)
 4410000.0 | 1.11820 (04090924) 0.99965c(04121424)
0.76426c(04121424) 0.62647 (04112224) 0.86312 (04112224)
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/26/11
 ***
 *** 14:35:06

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 **MODELOPTs: RegDFAULT CONC
  ELEV

 *** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
 INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT.,

 *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD
(METERS)
  (METERS) | 540500.00 541000.00
541500.00 542000.00 542500.00
 -
- -

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 4425000.0 |      0.82905 (04122624)      0.73068 (04122624)
1.32446c(04011224)      6.84398c(04011224)      6.78372 (04100824)
 4424500.0 |      0.76742 (04122624)      0.88114c(04011224)
5.00361c(04011224)      6.95156 (04100824)      9.57683 (04012824)
 4424000.0 |      0.76506c(04011224)      3.38291 (04100824)
5.35210 (04100824)      8.22568 (04012824)      7.78875 (04012824)
 4423500.0 |      1.86004 (04100824)      2.78146 (04100824)
4.82197 (04012824)      6.11349 (04012824)      6.95342 (04012824)
 4423000.0 |      1.42459 (04010424)      2.03927 (04012824)
2.95204 (04050624)      2.41712 (04010824)      2.25158 (04010824)
 4422500.0 |      1.27959 (04010824)      2.02291 (04010824)
1.81278 (04010824)      1.86617 (04010824)      3.69092 (04010824)
 4422000.0 |      1.30006 (04010824)      1.44502 (04010824)
1.34610 (04010824)      3.29364 (04010824)      3.99399 (04010824)
 4421500.0 |      1.35712 (04010524)      1.49933 (04010824)
2.44401 (04010824)      2.61950 (04010824)      4.86973c(04100124)
 4421000.0 |      1.40904 (04010824)      1.54904 (04010824)
3.00582c(04100124)     11.26030c(04100124)      8.89768c(04122024)
 4420500.0 |      1.36835 (04010424)      2.16049 (04021124)
11.99619c(04100124)     12.14743c(04122024)      9.92914c(04122024)
 4420000.0 |      2.63671 (04021124)      7.96230 (04021124)
15.83196c(04100124)     11.78494c(04122024)     13.64206c(04122024)
 4419500.0 |      4.77734 (04051124)      8.67270 (04040524)
18.48220c(04100124)     15.54343c(04100124)     13.32235c(04100124)
 4419000.0 |      9.17771 (04022624)      8.25852 (04022624)
9.18252c(04100124)      9.57698c(04122024)      7.70356c(04122024)
 4418500.0 |      3.12315c(04100124)      4.48559c(04100124)
7.24006c(04100124)      4.76013c(04122024)      5.06387c(04122024)
 4418000.0 |      6.80077 (04061924)      6.72332 (04122524)
6.42310 (04101724)      5.50612c(04122024)      4.96461c(04122024)
 4417500.0 |      9.43103 (04022024)      8.65257 (04022024)
7.64586 (04022024)      7.18092 (04022024)      6.85339 (04022024)
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 4417000.0 | 8.68255 (04022024)   7.37055 (04022024)
7.71709 (04050924)   7.17534 (04022024)   6.93773 (04050924)
 4416500.0 | 4.64297 (04022024)   5.23083 (04022024)
5.13998 (04022024)   5.06160 (04050924)   5.08734 (04050924)
 4416000.0 | 5.23949 (04050624)   4.27756 (04082924)
3.08569 (04101024)   2.03698 (04101024)   2.76996 (04120524)
 4415500.0 | 6.43359 (04092024)   6.12000 (04082924)
7.25827 (04082924)   4.91599 (04050624)   3.81709 (04050624)
 4415000.0 | 4.28508 (04092024)   5.21196 (04092024)
8.31685 (04092024)   5.02223 (04122924)   4.87692 (04050624)
 4414500.0 | 0.49246 (04122924)   1.46110 (04060524)
2.83933 (04022924)   3.22761 (04061024)   3.93737 (04092024)
 4414000.0 | 0.38985 (04122924)   0.44668 (04122924)
1.02377 (04060524)   2.60000 (04022924)   3.32028 (04060524)
 4413500.0 | 0.36962 (04042324)   0.34750 (04122924)
0.37523 (04122924)   0.42670 (04122924)   0.95514 (04060524)
 4413000.0 | 0.45477 (04042324)   0.35177 (04042324)
0.31031 (04122924)   0.33336 (04122924)   0.35791 (04122924)
 4412500.0 | 0.84403 (04112224)   0.45132 (04112224)
0.33522 (04042324)   0.27921 (04122924)   0.29859 (04122924)
 4412000.0 | 1.19525 (04112224)   0.80025 (04112224)
0.47294 (04112224)   0.31992 (04042324)   0.25613 (04042324)
 4411500.0 | 1.43214 (04112224)   1.16891 (04112224)
0.76738 (04112224)   0.46492 (04112224)   0.30650 (04042324)
 4411000.0 | 1.38133 (04112224)   1.28513 (04112224)
1.03894 (04112224)   0.74313 (04112224)   0.47997 (04112224)
 4410500.0 | 1.26430 (04112224)   1.31898 (04112224)
1.22128 (04112224)   0.99358 (04112224)   0.72637 (04112224)
 4410000.0 | 1.10389 (04112224)   1.24717 (04112224)
1.28456 (04112224)   1.15847 (04112224)   0.94718 (04112224)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/26/11

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: 2ALT   ***
INCLUDING SOURCE(S):   BACA1A   , BACA1B   , ON.ISIT.,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 543000.00
4425000.0	9.33060 (04010424)
4424500.0	10.43072 (04012824)
4424000.0	6.13700 (04012824)
4423500.0	3.16666 (04021124)
4423000.0	5.19263 (04010824)
4422500.0	1.02340 (04010424)

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4422000.0 |      6.46991c(04122024)
4421500.0 |      7.99098c(04122024)
4421000.0 |      5.07159c(04122024)
4420500.0 |      9.23675c(04122024)
4420000.0 |     12.06483c(04122024)
4419500.0 |     11.80376c(04100124)
4419000.0 |      6.23106c(04122024)
4418500.0 |      3.41723c(04122024)
4418000.0 |      4.75858c(04122024)
4417500.0 |      6.82219 (04022024)
4417000.0 |      6.77728 (04022024)
4416500.0 |      5.21059 (04022024)
4416000.0 |      2.38699 (04120524)
4415500.0 |      3.01772 (04122924)
4415000.0 |      4.68758 (04050624)
4414500.0 |      4.41740 (04050624)
4414000.0 |      3.72234 (04092024)
4413500.0 |      2.28309 (04060524)
4413000.0 |      0.38452 (04122924)
4412500.0 |      0.31627 (04122924)
4412000.0 |      0.27026 (04122924)
4411500.0 |      0.25174 (04042324)
4411000.0 |      0.29552 (04112224)
4410500.0 |      0.50347 (04112224)
4410000.0 |      0.73327 (04112224)
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**MODELOPTs: RegDFAULT CONC

ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
537268.00	4419321.00	2.04171	(04012224)
533288.00	4420664.00	1.17737	(04011824)
530873.00	4418253.00	1.42601	(04012624)
532253.00	4419045.00	1.01669c	(04011224)
534268.00	4421987.00	0.88792c	(04011224)
536366.00	4419557.00	4.51111	(04021324)
534987.00	4418091.00	3.87121	(04041024)
530614.00	4415312.00	1.10449	(04011924)
538946.00	4413223.00	1.62840	(04112224)
541693.00	4411996.00	0.37648	(04112224)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	528000.00	528500.00	529000.00	529500.00	530000.00
4425000.0	5.77192c(04122024)	7.76519c(04122024)	9.27873c(04122024)	9.83919c(04122024)	7.88181c(04122024)
4424500.0	5.96147c(04122024)	7.71489c(04122024)	7.47434c(04122024)	9.44727c(04120424)	10.63525c(04120424)
4424000.0	3.46822c(04122024)	5.79287c(04122024)	5.14168c(04122024)	6.50397c(04120424)	9.55244c(04120424)

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 4423500.0 |      1.44908 (04112524)      2.25792c(04122024)
4.91311 (04040824)      7.64559 (04040824)      7.91869 (04071924)
 4423000.0 |      0.92318 (04012324)      0.95105c(04011224)
1.63985 (04040824)      5.43849 (04040824)      5.12627 (04040824)
 4422500.0 |      0.92119 (04012624)      0.97434c(04011224)
0.99463c(04011224)      1.15846 (04040824)      1.95567 (04040824)
 4422000.0 |      0.93941 (04012624)      0.95998c(04011224)
1.01246c(04011224)      1.08241c(04011224)      1.17786c(04011224)
 4421500.0 |      0.96506 (04012624)      0.95708 (04012624)
0.97929c(04011224)      1.05388c(04011224)      1.12750c(04011224)
 4421000.0 |      1.01300 (04012624)      0.99857 (04012624)
0.97921 (04012624)      0.97590c(04011224)      1.04746c(04011224)
 4420500.0 |      1.07811 (04012624)      1.06140 (04012624)
1.04030 (04012624)      1.01240 (04012624)      0.97766 (04012624)
 4420000.0 |      1.16356 (04012624)      1.14547 (04012624)
1.12843 (04012624)      1.10357 (04012624)      1.06865 (04012624)
 4419500.0 |      1.26256 (04012624)      1.24649 (04012624)
1.23794 (04012624)      1.22215 (04012624)      1.19940 (04012624)
 4419000.0 |      1.36217 (04012624)      1.36012 (04012624)
1.36309 (04012624)      1.35734 (04012624)      1.35148 (04012624)
 4418500.0 |      1.48472 (04012624)      1.49748 (04012624)
1.50472 (04012624)      1.52149 (04012624)      1.50811 (04012624)
 4418000.0 |      1.62139 (04012624)      1.64484 (04012624)
1.69996 (04012624)      1.66609 (04012624)      1.65739 (04012624)
 4417500.0 |      1.59360 (04012324)      1.65842 (04012624)
1.72092 (04012624)      1.73597 (04012624)      1.67783 (04012624)
 4417000.0 |      1.49776 (04012624)      1.50153 (04012624)
1.57235 (04012624)      1.61424 (04012624)      1.59737 (04012624)
 4416500.0 |      1.30410 (04012624)      1.30903 (04012624)
1.33122 (04012624)      1.35142 (04012624)      1.36602 (04012624)
 4416000.0 |      1.33970 (04011924)      1.57230 (04011024)
1.71054 (04011024)      1.78467 (04011024)      1.49131 (04011924)
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 4415500.0 |      2.23986 (04011024)     10.96100 (04041324)
2.03282 (04011024)      1.66520 (04011024)      1.62365c(04122724)
 4415000.0 |      9.15646c(04102624)      3.62493 (04121624)
3.55983 (04062924)      1.87341c(04122724)      2.01873c(04122724)
 4414500.0 |      8.14795 (04121624)     21.33814 (04020424)
16.41239 (04020424)      4.77170 (04020424)      2.38217c(04122724)
 4414000.0 |     12.52794 (04020424)      9.63466 (04122224)
4.09977 (04020424)      2.57166c(04122724)      2.70282c(04122724)
 4413500.0 |      4.68902 (04020424)      4.21263 (04102124)
7.93052 (04092924)      9.42173 (04092924)      2.88141c(04122724)
 4413000.0 |      5.87181 (04102124)     10.46803 (04111324)
22.58592 (04092924)     12.64432 (04092924)      2.87244c(04122724)
 4412500.0 |     11.13831 (04111324)     19.20141 (04092924)
19.10316 (04111324)      2.77618c(04122724)      2.76699c(04122724)
 4412000.0 |     18.33899 (04111324)      5.00975 (04091324)
4.22080 (04092724)      2.61201c(04122724)      4.01776 (04092724)
 4411500.0 |     22.66699 (04111324)      2.82262c(04122724)
2.62343c(04122724)      2.48033c(04122724)      3.11741 (04101924)
 4411000.0 |     19.13319 (04092724)      2.68250c(04122724)
8.62918c(04042524)      3.91663 (04101924)      2.08210c(04122724)
 4410500.0 |      2.33199c(04122724)      3.47529 (04092724)
3.63266c(04042524)      5.48469 (04031124)      2.83827 (04031124)
 4410000.0 |      2.82068 (04092724)      6.16279 (04031124)
5.17590 (04031124)      2.62804 (04031124)      1.73562 (04031124)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/26/11
                                   ***
                                   ***        14:35:06

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 **MODELOPTs:  RegDFAULT CONC
  ELEV
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	530500.00	531000.00	531500.00	532000.00	532500.00
4425000.0	5.05320c(04122024)	4.82819 (04012724)	5.58753 (04012724)	11.77329 (04012724)	10.29135 (04012724)
4424500.0	6.83313c(04120424)	7.05176c(04122024)	6.28361 (04012724)	12.16626 (04012724)	16.12757 (04012724)
4424000.0	10.30641c(04120424)	9.26065c(04122024)	7.20242c(04020224)	10.18180 (04012724)	13.54595 (04011824)
4423500.0	12.00055c(04120424)	11.13171c(04122024)	7.46050c(04122024)	5.78219 (04012724)	12.27044 (04011824)
4423000.0	9.25565c(04120424)	11.63342c(04120424)	9.17639c(04120424)	2.33334 (04020324)	6.75082 (04011824)
4422500.0	9.46399 (04040824)	10.37191 (04071924)			

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10.92707c(04120424)      3.14856 (04071924)      2.53843 (04011824)
 4422000.0 |       6.02260 (04040824)      4.14208 (04040824)
3.29657 (04071924)       1.93061 (04013024)      3.16812 (04071924)
 4421500.0 |       1.15161c(04011224)      1.25317c(04011224)
1.27821c(04011224)       6.36115 (04071924)      4.04865 (04071924)
 4421000.0 |       1.13484c(04011224)      1.17539c(04011224)
1.22061c(04011224)       4.71961 (04071924)      1.33393c(04011224)
 4420500.0 |       1.05767c(04011224)      1.10047c(04011224)
1.16762c(04011224)       1.29307c(04011224)      2.59658 (04071924)
 4420000.0 |       1.02332 (04011024)      1.02258c(04011224)
1.11165c(04011224)       1.24396c(04011224)      1.32827c(04011224)
 4419500.0 |       1.16071 (04012624)      1.09852 (04012624)
1.04115c(04011224)       1.15476c(04011224)      1.29197c(04011224)
 4419000.0 |       1.33321 (04012624)      1.29735 (04012624)
1.25112 (04012624)       2.55029 (04012424)      1.24151c(04011224)
 4418500.0 |       1.50968 (04012624)      1.51236 (04012624)
3.88163 (04011524)      11.75694 (04011524)     10.95864 (04011524)
 4418000.0 |       1.67689 (04012624)      1.88884 (04012624)
2.27805 (04012624)       6.55395 (04071124)      8.50700 (04012624)
 4417500.0 |       1.72781 (04012624)      2.01346 (04012624)
7.02309 (04110624)      49.57445 (04110624)     42.09164 (04110624)
 4417000.0 |       1.60953 (04012624)      2.33178 (04012624)
11.75405 (04012624)       9.94817 (04012624)      22.62134 (04030224)
 4416500.0 |       1.36653 (04012624)      2.80996 (04070224)
22.89648 (04041324)      31.19166 (04123124)      35.17045 (04122224)
 4416000.0 |       1.46675 (04030824)      1.83569 (04030824)
36.51834 (04030824)      29.22465 (04122224)      23.97764 (04122224)
 4415500.0 |       1.80639c(04122724)      4.68474 (04062924)
15.58467 (04020424)      17.41061 (04121024)      24.89450 (04031124)
 4415000.0 |       2.21005c(04122724)      2.60000c(04122724)
23.19986 (04092924)      29.14661 (04111324)      30.69659 (04031124)
 4414500.0 |       2.62824c(04122724)      4.10722 (04092924)
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45.10410 (04111324)     26.28728 (04031124)     18.03089 (04031124)
 4414000.0 |       2.88423c(04122724)      6.95821 (04091324)
34.55959 (04092724)     19.27532 (04031124)     11.32692 (04031124)
 4413500.0 |       2.95824c(04122724)     23.76067 (04092724)
14.65357c(04042524)     11.32988 (04031124)      5.33010 (04111224)
 4413000.0 |       7.56053 (04092724)     12.01358 (04031124)
9.61088 (04031124)      3.98967 (04031124)      5.38989 (04111224)
 4412500.0 |      11.01579c(04042524)      6.44421 (04031124)
5.67587 (04031124)      3.06012 (04111224)      3.81409 (04111224)
 4412000.0 |       6.13162 (04031124)      5.74295 (04031124)
3.52567 (04111224)      6.12249 (04111224)      6.19990 (04123124)
 4411500.0 |       4.38038 (04031124)      2.15895 (04031124)
3.73113 (04111224)      4.58434 (04111224)      3.86864 (04061424)
 4411000.0 |       2.73137 (04031124)      2.20184 (04111224)
3.28781 (04111224)      6.78778 (04123124)      2.93835 (04073024)
 4410500.0 |       2.35390 (04111224)      3.61193 (04111224)
3.63893 (04111224)      3.63194 (04082724)     16.30490 (04123124)
 4410000.0 |       3.07553 (04111224)      4.16569 (04111224)
4.16874 (04123124)      6.17699 (04123124)     10.37303 (04073024)
  *** AERMOD - VERSION 09292 ***     ***  NO TITLE SPECIFIED
                                     ***         10/26/11
                                    ***
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 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                  *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  3ALT-KUM ***
```

INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	533000.00	533500.00	534000.00	534500.00	535000.00
4425000.0	15.68384 (04012724)	8.84001 (04040624)	1.74607 (04012724)	1.10026c(04011224)	3.31905 (04021924)
4424500.0	15.70888 (04012724)	7.16582 (04040624)	1.10470c(04011224)	1.08281c(04011224)	1.38740 (04012024)
4424000.0	15.06018 (04012724)	9.21442 (04040624)	1.17930 (04012624)	1.16790 (04012624)	1.18845 (04012624)
4423500.0	25.48277 (04011824)	5.56103 (04011824)	1.19661 (04012624)	1.23091 (04012624)	1.24657 (04012624)
4423000.0	16.83870 (04011824)	6.53635 (04011824)	1.19346 (04012624)	1.21391 (04012624)	1.22888 (04012624)
4422500.0	4.45206 (04011824)	1.73752 (04011824)	1.14893 (04012624)	1.12842 (04012624)	1.12784 (04012624)
4422000.0	1.48167 (04011824)	1.21641 (04011824)	1.15892c(04011224)	1.10103c(04011224)	1.14680 (04011124)
4421500.0	1.30000c(04011224)	1.25488c(04011224)	1.19382c(04011224)	1.13931c(04011224)	1.26320 (04112024)

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 4421000.0 |      1.32302c(04011224)      1.31345c(04011224)
1.25029c(04011224)      1.21399c(04011224)      1.43882 (04112024)
 4420500.0 |      1.37973c(04011224)      1.37578c(04011224)
1.34679c(04011224)      1.31848c(04011224)      1.72010 (04041424)
 4420000.0 |      1.40197c(04011224)      1.48757c(04011224)
1.48107c(04011224)      1.65140 (04011824)      2.05669 (04041424)
 4419500.0 |      1.45414c(04011224)      1.59354c(04011224)
1.62223c(04011224)      2.77245 (04011824)      2.92599 (04040624)
 4419000.0 |      1.49713c(04011224)      2.15970 (04040824)
1.70042c(04011224)      5.33729 (04011824)      3.92994 (04040624)
 4418500.0 |     25.37861 (04012424)      4.80681 (04031024)
1.69438c(04011224)      2.05609 (04013024)      4.79274 (04040624)
 4418000.0 |     14.72431 (04012624)     18.35794 (04012524)
9.90350 (04012424)      2.16174 (04061324)      3.90477 (04041024)
 4417500.0 |     54.76151 (04012624)     61.41862 (04012624)
113.62964 (04110624)     26.36861 (04112924)      5.10592 (04060424)
 4417000.0 |     35.97999 (04030224)     46.72942 (04123124)
24.47883 (04062924)     39.32231 (04092924)     13.95073 (04070424)
 4416500.0 |     40.78263 (04122224)     23.97413 (04020424)
30.05798 (04092924)      6.58356 (04070524)     10.07236 (04070824)
 4416000.0 |     30.72478 (04111324)     73.50918 (04092724)
4.65871 (04090624)      6.05884 (04070424)      5.87360 (04070824)
 4415500.0 |     39.02877 (04111324)     11.13136c(04042524)
3.16378 (04070924)      5.29671 (04070924)      3.81708 (04090524)
 4415000.0 |     17.48879c(04042524)      1.95249c(04122724)
4.34817 (04101324)      4.26429 (04070924)      3.26224 (04090524)
 4414500.0 |      2.49121c(04122724)      2.73066 (04101324)
4.45741 (04101324)      3.41284 (04073024)      2.81999 (04090524)
 4414000.0 |      4.62110 (04111224)     13.27835 (04123124)
3.99471 (04101324)      2.62151 (04073024)      2.51569 (04090524)
 4413500.0 |     10.24703 (04111224)     28.72031 (04123124)
3.43716 (04073024)      2.06495 (04073024)      2.29518 (04090524)
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 4413000.0 | 7.23528 (04123124)   11.37362 (04073024)
4.30573 (04073024)   1.67815 (04073024)   2.13739 (04090524)
 4412500.0 | 4.91770 (04061424)   3.78809 (04073024)
2.24598 (04073024)   1.64953 (04090524)   2.04124 (04090524)
 4412000.0 | 4.86484 (04073024)   2.48270 (04101324)
1.73784 (04073024)   1.60073 (04090524)   1.88632 (04090524)
 4411500.0 | 4.57281 (04073024)   2.09316 (04101324)
1.60690 (04073024)   3.58037 (04090524)   2.05629 (04090524)
 4411000.0 | 4.39090 (04073024)   2.84134 (04111024)
4.54973 (04111124)   3.92471 (04090524)   2.19982 (04090524)
 4410500.0 | 10.08591 (04111024)   13.56739 (04111124)
6.52071 (04111124)   3.80895 (04090524)   3.70614 (04110824)
 4410000.0 | 24.86272 (04111124)   14.72297 (04111124)
3.40067 (04111124)   4.42375 (04110824)   8.67607 (04110824)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/26/11
                                   ***
                                   ***   14:35:06

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 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 3ALT-KUM ***
                                   INCLUDING SOURCE(S):   BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

                                    *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	535500.00	536000.00	536500.00
	537000.00	537500.00	
4425000.0	1.15004c(04011224)	1.21039c(04011224)	1.26785c(04011224)
	1.35822c(04011224)	2.75196 (04012124)	
4424500.0	1.13563c(04011224)	1.17362c(04011224)	1.23668c(04011224)
	1.30559c(04011224)	1.63205 (04021524)	
4424000.0	1.22128 (04012624)	1.22773 (04012624)	1.20831c(04011224)
	1.53700 (04021524)	1.83157 (04021524)	
4423500.0	1.30490 (04012624)	1.33301 (04012624)	1.32853 (04021524)
	1.79590 (04021524)	2.03590 (04021524)	
4423000.0	1.27215 (04012624)	1.27156 (04012624)	1.59149 (04021524)
	2.15273 (04021524)	2.19080 (04021524)	
4422500.0	1.15796 (04112024)	1.23362 (04021524)	2.00744 (04021524)
	2.45702 (04021524)	2.24581 (04021524)	
4422000.0	1.32059 (04112024)	1.42167 (04021524)	2.37944 (04021524)
	2.95841 (04021524)	2.20060 (04070524)	
4421500.0	1.54684 (04112024)	1.81293 (04021524)	3.00203 (04021524)
	2.86574 (04021524)	2.47912 (04070524)	
4421000.0	1.82314 (04112024)	2.57136 (04021524)	3.45447 (04021524)
	2.68169 (04021524)	1.96344 (04090624)	
4420500.0	2.21235 (04112024)	3.22805 (04021524)	3.84500 (04021524)
	2.31752 (04021224)	1.26388 (04090624)	
4420000.0	2.67506 (04112024)	4.32799 (04021324)	

3.79328 (04021224) 1.75752 (04021224) 1.18303 (04053124)
 4419500.0 | 3.77615 (04092524) 6.42548 (04021324)
3.40235 (04021324) 1.45264 (04050724) 1.94612 (04012224)
 4419000.0 | 4.37459 (04021224) 7.27802 (04021324)
2.26015 (04050724) 2.44966 (04012224) 2.14694 (04012224)
 4418500.0 | 8.12835 (04021324) 3.88730 (04021324)
3.54899 (04050724) 2.92141 (04051224) 2.78508 (04051224)
 4418000.0 | 5.19870 (04041724) 5.35286 (04060124)
6.59820 (04051224) 4.63256 (04051224) 2.99688 (04051224)
 4417500.0 | 1.71495 (04060724) 5.86638 (04082924)
4.96368 (04051424) 3.68602 (04021024) 2.77842 (04021024)
 4417000.0 | 3.93678 (04051524) 3.62712 (04081224)
3.09668 (04021024) 2.76582 (04021024) 2.12448 (04021024)
 4416500.0 | 4.37331 (04060924) 6.14639 (04051524)
3.13569 (04051524) 1.55396 (04021024) 4.94754 (04022124)
 4416000.0 | 3.33997 (04062424) 3.75088 (04041624)
3.84671 (04051524) 2.15559 (04051524) 1.03129 (04101324)
 4415500.0 | 2.44941 (04071724) 3.83338 (04041624)
2.67172 (04051524) 2.73019 (04051524) 1.61858 (04051524)
 4415000.0 | 2.21235 (04090524) 3.07218 (04041624)
2.90240 (04041624) 2.09217 (04051524) 1.95117 (04051524)
 4414500.0 | 2.04574 (04090524) 2.33199 (04090924)
2.90883 (04041624) 1.84530 (04041624) 1.70910 (04112224)
 4414000.0 | 1.89826 (04090524) 1.76174 (04090924)
2.54289 (04041624) 2.15380 (04041624) 1.60542 (04112224)
 4413500.0 | 1.79808 (04090524) 1.42078 (04090924)
2.12227 (04090924) 2.18856 (04041624) 1.38461 (04041624)
 4413000.0 | 1.69024 (04090524) 2.72875 (04110824)
1.75035 (04090924) 2.00694 (04041624) 1.59081 (04041624)
 4412500.0 | 1.59078 (04090524) 1.02854 (04070124)
1.45574 (04090924) 1.72352 (04090924) 1.60048 (04041624)
 4412000.0 | 1.51780 (04090524) 0.94086 (04071724)

1.22145 (04090924)   1.54350 (04090924)   1.49037 (04041624)
 4411500.0 | 1.47092 (04090524)   0.91449 (04090524)
1.02302 (04090924)   1.33565 (04090924)   1.39855 (04090924)
 4411000.0 | 7.15350 (04110824)   0.92342 (04090524)
0.81556 (04090924)   1.21034 (04090924)   1.30384 (04090924)
 4410500.0 | 1.60812 (04090524)   0.92386 (04090524)
0.68779c(04122724)   1.04887 (04090924)   1.22035 (04090924)
 4410000.0 | 2.51854 (04110824)   0.92911 (04090524)
0.66617c(04122724)   0.90932 (04090924)   1.12676 (04090924)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/26/11
                                  ***
                                  ***   14:35:06

                                             PAGE 87
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 3ALT-KUM ***
                                INCLUDING SOURCE(S):   BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

                                *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD

```
(METERS)
  (METERS) |       538000.00               538500.00
539000.00               539500.00               540000.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 4425000.0 |      1.66447 (04021524)      1.65573c(04011224)
1.56724c(04011224)      2.25164 (04041424)      3.05701 (04021224)
 4424500.0 |      3.13947 (04021524)      1.66779c(04011224)
1.61136c(04011224)      2.81831 (04040624)      4.64751 (04021324)
 4424000.0 |      4.10758 (04022624)      1.55838c(04011224)
1.43976c(04011224)      2.60052 (04041024)      5.31195 (04021224)
 4423500.0 |      5.12988 (04111924)      4.49158 (04111924)
2.05468 (04061224)      1.34434c(04110124)      2.23864 (04052424)
 4423000.0 |      3.65045 (04111924)      3.66714 (04052824)
5.27897 (04052824)      3.23707 (04082624)      1.75830 (04042324)
 4422500.0 |      2.46413 (04052824)      5.29138 (04070524)
6.56807 (04070524)      6.71071 (04070824)      3.19713 (04060924)
 4422000.0 |      3.66066 (04070524)      4.09336 (04070524)
3.99321 (04070424)      4.74793 (04070824)      2.60537 (04060924)
 4421500.0 |      2.64524 (04070524)      2.32741 (04070424)
3.45032 (04070424)      2.71915 (04070824)      1.95010 (04062424)
 4421000.0 |      1.62819 (04070524)      2.29820 (04070924)
2.80158 (04070824)      2.17556 (04090524)      1.51467 (04062424)
 4420500.0 |      1.53948 (04070924)      2.44536 (04070924)
2.17468 (04070824)      1.87897 (04090524)      1.41857 (04010424)
 4420000.0 |      1.81740 (04101324)      2.24196 (04070924)
1.78554 (04073024)      1.70614 (04090524)      1.50492 (04010424)
 4419500.0 |      2.68396 (04010824)      1.97045 (04070924)
1.60852 (04010424)      3.28732 (04021124)      2.90458 (04032524)
 4419000.0 |      1.93333 (04101324)      2.44031 (04021124)
2.81401 (04032524)      6.04096 (04051124)      7.19745 (04022624)
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 4418500.0 |      2.40581 (04051224)      2.01392 (04051224)
1.76134 (04022024)      4.70480 (04022624)      3.25797 (04022624)
 4418000.0 |      2.11403 (04051424)      1.76318 (04051424)
1.43446 (04051424)      4.43710 (04061924)      7.00636 (04061924)
 4417500.0 |      2.17811 (04021024)     15.85286 (04062024)
4.20543 (04082924)     10.24227 (04062024)     12.27726 (04022224)
 4417000.0 |      1.68057 (04021024)      6.63833 (04091024)
4.97401 (04122624)      8.61342 (04122524)      9.25317 (04022024)
 4416500.0 |      9.48442 (04082424)     10.29822 (04082924)
7.34911 (04050624)      5.49154 (04101024)      8.07504 (04101024)
 4416000.0 |      1.28778 (04060524)      7.19537 (04092024)
7.46433 (04122924)      7.80457 (04101024)      6.82312 (04050624)
 4415500.0 |      0.83704 (04042324)      0.90838 (04061024)
3.80994 (04061024)      5.00594 (04022924)      8.74334 (04092024)
 4415000.0 |      1.26643 (04051524)      0.73589 (04042324)
0.87268 (04090524)      1.32640 (04022924)      3.11393 (04060524)
 4414500.0 |      1.59481 (04112224)      1.06978 (04051524)
0.77555 (04090524)      0.81527 (04090524)      0.74732 (04090524)
 4414000.0 |      1.82842 (04112224)      1.55297 (04112224)
0.93380 (04112224)      0.74144 (04090524)      0.65688 (04090524)
 4413500.0 |      1.52358 (04112224)      1.79367 (04112224)
1.47819 (04112224)      0.90342 (04112224)      0.61659 (04090524)
 4413000.0 |      1.08878 (04112224)      1.63819 (04112224)
1.67961 (04112224)      1.35105 (04112224)      0.86312 (04112224)
 4412500.0 |      1.10339 (04041624)      1.16167 (04112224)
1.49102 (04112224)      1.54193 (04112224)      1.23598 (04112224)
 4412000.0 |      1.20546 (04041624)      0.85300 (04112224)
1.22083 (04112224)      1.48132 (04112224)      1.46837 (04112224)
 4411500.0 |      1.19699 (04041624)      0.89506 (04041624)
0.94051 (04112224)      1.25956 (04112224)      1.43945 (04112224)
 4411000.0 |      1.18179 (04090924)      0.95221 (04090424)
0.71254 (04112224)      1.01965 (04112224)      1.28702 (04112224)
```

 4410500.0 | 1.17148 (04090924)   0.98436 (04090424)
0.77623 (04090424)   0.82165 (04112224)   1.08692 (04112224)
 4410000.0 | 1.14039 (04090924)   1.01756c(04121424)
0.81648 (04090424)   0.64013 (04112224)   0.87936 (04112224)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/26/11
                                   ***
                                   ***   14:35:06

                                              PAGE 88
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 3ALT-KUM ***
                                   INCLUDING SOURCE(S):   BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

                                    *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD
(METERS)
  (METERS) | 540500.00   541000.00
541500.00   542000.00   542500.00
 -
- -

```
 4425000.0 |      5.37529 (04021324)      2.08219 (04021324)
2.04825 (04100824)      9.02704 (04010824)      7.35343 (04100824)
 4424500.0 |      4.57119 (04021324)      2.82816 (04050724)
5.76899c(04011224)      7.70124 (04010424)      9.84685 (04010424)
 4424000.0 |      4.63250 (04050724)      4.24896 (04093024)
5.74500 (04010424)      8.32402 (04012824)      7.87084 (04012824)
 4423500.0 |      6.67882 (04051224)      4.84153 (04051424)
4.86298 (04012824)      6.15426 (04012824)      7.53936 (04021124)
 4423000.0 |      3.33803 (04081224)      2.68827 (04021024)
3.14964 (04051124)      2.92584 (04021124)      2.26492 (04010824)
 4422500.0 |      4.31911 (04051524)      2.04577 (04010824)
1.83136 (04010824)      1.88438 (04010824)      3.71108 (04010824)
 4422000.0 |      2.94945 (04051524)      2.75536 (04051524)
1.39427 (04051524)      3.30784 (04010824)      4.01103 (04010824)
 4421500.0 |      2.31324 (04041624)      2.29988 (04051524)
2.45832 (04010824)      2.63148 (04010824)      4.95067c(04100124)
 4421000.0 |      2.15488 (04090924)      1.79872 (04041624)
3.07332c(04100124)     11.33015c(04100124)      9.21224c(04122024)
 4420500.0 |      1.87146 (04090924)      2.40726 (04021124)
12.04771c(04100124)     12.40103c(04122024)     10.26309c(04122024)
 4420000.0 |      2.83007 (04021124)      8.17547 (04021124)
15.87492c(04100124)     12.09748c(04122024)     13.83455c(04122024)
 4419500.0 |      4.79686 (04051124)      8.69557 (04040524)
18.52808c(04100124)     15.58050c(04100124)     13.35750c(04100124)
 4419000.0 |      9.18644 (04022624)      8.26650 (04022624)
9.21449c(04100124)      9.76593c(04122024)      7.91466c(04122024)
 4418500.0 |      3.15407c(04100124)      4.51522c(04100124)
7.27382c(04100124)      9.13353 (04052524)      5.30713c(04122024)
 4418000.0 |      6.89547 (04061924)      6.79448 (04122524)
6.45618 (04101724)      5.94853 (04120524)      5.20076c(04122024)
 4417500.0 |      9.45419 (04022024)      8.67784 (04022024)
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7.94672 (04120524)      7.41841 (04120524)      6.88719 (04022024)
 4417000.0 |      8.71153 (04022024)      7.91468 (04120524)
7.73792 (04050924)      7.41432 (04120524)      6.95772 (04050924)
 4416500.0 |      4.66681 (04022024)      5.25846 (04022024)
5.16528 (04022024)      5.07820 (04050924)      5.10608 (04050924)
 4416000.0 |      5.44437 (04101024)      4.28340 (04082924)
3.11514 (04101024)      2.06018 (04101024)      4.81690 (04100924)
 4415500.0 |      6.46829 (04092024)      6.12545 (04082924)
7.26351 (04082924)      4.93622 (04050624)      5.43813 (04100924)
 4415000.0 |      4.31800 (04092024)      5.24521 (04092024)
8.34947 (04092024)      5.08446 (04122924)      4.89392 (04050624)
 4414500.0 |      0.57917 (04022124)      1.48754 (04060524)
2.90056 (04022924)      3.30533 (04061024)      3.96811 (04092024)
 4414000.0 |      0.48224 (04090524)      0.51031 (04122924)
1.04853 (04060524)      2.65892 (04022924)      3.34578 (04060524)
 4413500.0 |      0.47245 (04090524)      0.40796 (04122924)
0.46253 (04090924)      0.59940 (04090924)      0.97841 (04060524)
 4413000.0 |      0.53953 (04040324)      0.40558 (04040324)
0.40300 (04090924)      0.51757 (04090924)      0.61891 (04090924)
 4412500.0 |      0.87940 (04112224)      0.50859 (04021424)
0.40989 (04021424)      0.44977 (04090924)      0.54482 (04090924)
 4412000.0 |      1.22730 (04112224)      0.84790 (04112224)
0.53896 (04112224)      0.44308 (04021424)      0.48688 (04090924)
 4411500.0 |      1.46164 (04112224)      1.21263 (04112224)
0.82749 (04112224)      0.54438 (04112224)      0.46527 (04021424)
 4411000.0 |      1.40811 (04112224)      1.32427 (04112224)
1.09367 (04112224)      0.81621 (04112224)      0.56821 (04112224)
 4410500.0 |      1.28865 (04112224)      1.35439 (04112224)
1.27173 (04112224)      1.06040 (04112224)      0.80813 (04112224)
 4410000.0 |      1.12637 (04112224)      1.27994 (04112224)
1.33112 (04112224)      1.21991 (04112224)      1.02316 (04112224)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 543000.00
4425000.0	10.58639 (04010424)
4424500.0	10.57007 (04012824)
4424000.0	6.31798 (04021124)
4423500.0	3.64617 (04021124)
4423000.0	5.20462 (04010824)

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4422500.0 |      1.16895 (04010524)
4422000.0 |      6.70808c(04122024)
4421500.0 |      8.27621c(04122024)
4421000.0 |      5.58001c(04122024)
4420500.0 |      9.57447c(04122024)
4420000.0 |     12.27538c(04122024)
4419500.0 |     11.84499c(04100124)
4419000.0 |      6.86976c(04072824)
4418500.0 |      4.50854c(04072824)
4418000.0 |      4.95058c(04122024)
4417500.0 |      6.84764 (04022024)
4417000.0 |      6.80483 (04022024)
4416500.0 |      5.23698 (04022024)
4416000.0 |      5.55592 (04052524)
4415500.0 |      3.69198 (04052424)
4415000.0 |      4.70648 (04050624)
4414500.0 |      4.43321 (04050624)
4414000.0 |      3.75133 (04092024)
4413500.0 |      2.30637 (04060524)
4413000.0 |      0.68246 (04090924)
4412500.0 |      0.60046 (04090924)
4412000.0 |      0.54212 (04090924)
4411500.0 |      0.49314 (04090924)
4411000.0 |      0.47772 (04021424)
4410500.0 |      0.59710 (04112224)
4410000.0 |      0.82087 (04112224)
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**MODELOPTs: RegDFAULT CONC
 ELEV

*** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S):   BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
537268.00	4419321.00	2.04866	(04012224)
533288.00	4420664.00	1.36051c	(04011224)
530873.00	4418253.00	1.61645	(04012624)
532253.00	4419045.00	1.17876c	(04011224)
534268.00	4421987.00	1.12851c	(04011224)
536366.00	4419557.00	4.52456	(04021324)
534987.00	4418091.00	3.90652	(04041024)
530614.00	4415312.00	2.00312c	(04122724)
538946.00	4413223.00	1.65165	(04112224)
541693.00	4411996.00	0.49175	(04021424)

 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
***   10/26/11

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: YOL-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 , 9ZYI9002,
9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008, 9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E,
9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K, 9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, . . . ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)
	528000.00	528500.00	529000.00	529500.00	530000.00
4425000.0	5.83358c(04122024)	7.83173c(04122024)

9.35075c(04122024) 9.91536c(04122024) 7.96258c(04122024)
 4424500.0 | 6.02152c(04122024) 7.77980c(04122024)
7.54715c(04122024) 9.49009c(04120424) 10.69073c(04120424)
 4424000.0 | 3.52715c(04122024) 5.85624c(04122024)
5.21471c(04122024) 6.54808c(04120424) 9.61009c(04120424)
 4423500.0 | 1.52171 (04112524) 2.32278c(04122024)
4.93650 (04040824) 7.71024 (04040824) 8.08389 (04071924)
 4423000.0 | 1.17861c(04011224) 1.25278c(04011224)
1.66410 (04040824) 5.48884 (04040824) 5.54465 (04040824)
 4422500.0 | 1.34449c(04011224) 1.38923c(04011224)
1.31864c(04011224) 1.41935c(04011224) 2.26636 (04040824)
 4422000.0 | 1.50327c(04011224) 1.59169c(04011224)
1.52777c(04011224) 1.61898c(04011224) 1.76451c(04011224)
 4421500.0 | 3.62854 (04012624) 2.55705 (04012624)
1.92351 (04012624) 1.95387c(04011224) 2.08689c(04011224)
 4421000.0 | 6.03455 (04012624) 5.34003 (04012624)
4.77658 (04012624) 4.09658 (04012624) 2.74454 (04012624)
 4420500.0 | 6.82996 (04012624) 8.63497 (04012624)
7.92459 (04012624) 6.47387 (04012624) 3.97569 (04012624)
 4420000.0 | 4.16411 (04012624) 11.64419 (04012624)
11.68406 (04012624) 9.68445 (04012624) 6.41041 (04012624)
 4419500.0 | 3.54238 (04012624) 10.32271 (04012624)
14.14044 (04012624) 17.87511 (04012624) 12.00810 (04012624)
 4419000.0 | 3.69128 (04012624) 8.89135 (04012624)
12.50825 (04030224) 27.54277 (04030224) 39.20717 (04030224)
 4418500.0 | 5.22959 (04011024) 12.08464 (04011024)
29.94926 (04122224) 32.88348 (04122224) 36.05265 (04020424)
 4418000.0 | 4.98977 (04011024) 13.33217 (04020424)
12.78658 (04020424) 24.97221 (04111324) 23.48728 (04111324)
 4417500.0 | 4.90627 (04122224) 4.84665 (04122224)
12.50117 (04111324) 15.08655 (04111324) 26.98159 (04111324)
 4417000.0 | 3.09724 (04012624) 4.60474c(04122724)

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8.87797 (04102424)     17.11857 (04111324)     19.31309 (04031124)
 4416500.0 |       3.83118c(04122724)       5.87823 (04102424)
7.09706 (04111324)      7.02899 (04111324)      8.12739c(04110124)
 4416000.0 |       3.34349c(04122724)       3.27197c(04122724)
3.74763c(04122724)      3.58122c(04122724)      3.88176c(04122724)
 4415500.0 |       3.12840 (04011024)     11.07469 (04041324)
3.09683c(04122724)      3.03667c(04122724)      5.61149 (04122224)
 4415000.0 |       9.27758 (04082624)       4.10891 (04121624)
3.88922 (04062924)      3.09351c(04122724)      3.93084 (04122224)
 4414500.0 |       8.32842 (04121624)     21.38658 (04020424)
16.47005 (04020424)      4.88810 (04020424)      5.13085 (04122224)
 4414000.0 |      12.59909 (04020424)       9.78071 (04122224)
4.17376 (04020424)      4.08197 (04012624)      4.87252c(04122724)
 4413500.0 |       4.75891 (04020424)       4.33338 (04102124)
8.00526 (04092924)      9.60020 (04092924)      5.60916 (04122224)
 4413000.0 |       5.90672 (04102124)     10.51154 (04111324)
22.62854 (04092924)     12.80274 (04092924)      5.32175c(04122724)
 4412500.0 |      11.17929 (04111324)     19.27838 (04092924)
19.19313 (04111324)      4.93810c(04122724)      4.58263c(04122724)
 4412000.0 |      18.38082 (04111324)       5.36928 (04091324)
4.67474 (04092724)      4.67689c(04122724)      4.25612 (04092724)
 4411500.0 |      22.71153 (04111324)       3.78311c(04122724)
3.85958c(04122724)      3.55467c(04122724)      3.14658c(04122724)
 4411000.0 |      19.18606 (04092724)       3.49176c(04122724)
8.68003c(04042524)      3.93404 (04101924)      2.38950c(04122724)
 4410500.0 |       3.81780c(04122724)       3.76042 (04092724)
3.66712c(04042524)      5.48544 (04031124)      2.83909 (04031124)
 4410000.0 |       3.18633 (04092724)       6.16393 (04031124)
5.17666 (04031124)      2.62861 (04031124)      1.73625 (04031124)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/26/11
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: YOL-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 , 9ZYI9002, 9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008, 9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E, 9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K, 9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, . . . ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	530500.00	531000.00	531500.00	532000.00	532500.00
4425000.0	5.14057c(04122024)	4.91171 (04012724)	5.67756 (04012724)	11.87397 (04012724)	10.40602 (04012724)

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 4424500.0 |      6.92612c(04120424)      7.14028c(04122024)
6.37315 (04012724)     12.26460 (04012724)     16.23868 (04012724)
 4424000.0 |     10.35529c(04120424)      9.35298c(04122024)
7.22512c(04020224)     10.28050 (04012724)     13.75840 (04011824)
 4423500.0 |     12.04629c(04120424)     11.22964c(04122024)
7.59122c(04122024)      5.88870 (04012724)     12.48269 (04011824)
 4423000.0 |      9.30329c(04120424)     11.68855c(04120424)
9.25494c(04120424)      2.66013 (04020324)      6.97017 (04011824)
 4422500.0 |      9.54975 (04040824)     10.50715 (04071924)
11.07663 (04071924)      3.75496 (04071924)      2.77140 (04011824)
 4422000.0 |      6.10197 (04040824)      4.77412 (04040824)
3.87030 (04071924)      2.85252 (04071924)      3.51222 (04071924)
 4421500.0 |      1.88684c(04011224)      2.36209c(04011224)
2.76964c(04011224)      6.85814 (04071924)      4.76741 (04071924)
 4421000.0 |      2.05442c(04011224)      2.56107 (04012624)
5.79245 (04012624)      5.20859 (04040824)      3.17521c(04011224)
 4420500.0 |      2.00291c(04011224)      4.95013 (04012624)
9.95292 (04012624)      2.63664c(04011224)      3.19099 (04041124)
 4420000.0 |      4.76212 (04012624)     15.12964 (04012624)
17.21571 (04012624)      3.81823 (04010224)     12.29411 (04012624)
 4419500.0 |     12.46016 (04012624)     76.03560 (04012624)
104.82303c(04011224)    167.44516 (04122224)     74.46641 (04111324)
 4419000.0 |     60.41956 (04122224)    106.84940c(04122024)
11.60629 (04102424)      3.51556c(04122724)      4.85135c(04122724)
 4418500.0 |     37.60896c(04110124)     40.30878 (04111124)
3.94519 (04011524)     11.79701 (04011524)     11.02239 (04011524)
 4418000.0 |     32.95003 (04111224)     18.82125 (04111324)
2.66358 (04012624)      6.73461 (04071124)      8.63157 (04012624)
 4417500.0 |     27.53795 (04111124)      3.58518c(04122724)
7.20701 (04112924)     49.63569 (04110624)     42.15125 (04110624)
 4417000.0 |     18.75707 (04111124)      2.67059 (04012424)
11.86559 (04012624)     10.06092 (04012624)     22.64254 (04030224)
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 4416500.0 |     11.64734 (04111124)      5.37522 (04031024)
22.97362 (04041324)     31.23340 (04123124)     35.30362 (04122224)
 4416000.0 |      8.25020 (04111124)      3.35091c(04122724)
36.60919 (04030824)     29.35779 (04122224)     24.11276 (04122224)
 4415500.0 |      6.10064 (04122224)      4.94793 (04062924)
15.63884 (04020424)     17.50305 (04121024)     24.90547 (04121024)
 4415000.0 |      6.39997 (04111124)      3.54931c(04122724)
23.24290 (04092924)     29.19796 (04111324)     30.69808 (04031124)
 4414500.0 |      5.79291 (04122224)      4.50559 (04092924)
45.15570 (04111324)     26.28868 (04031124)     18.03245 (04031124)
 4414000.0 |      5.45164c(04122724)      7.29199 (04091324)
34.58672 (04092724)     19.27658 (04031124)     11.32825 (04031124)
 4413500.0 |      4.94187c(04122724)     23.82631 (04092724)
14.67899c(04042524)     11.33098 (04031124)      5.37860 (04111224)
 4413000.0 |      7.83496 (04092724)     12.01480 (04031124)
9.61197 (04031124)      3.99089 (04031124)      5.44300 (04111224)
 4412500.0 |     11.05306c(04042524)      6.44542 (04031124)
5.67684 (04031124)      3.11494 (04111224)      3.88417 (04111224)
 4412000.0 |      6.13283 (04031124)      5.74384 (04031124)
3.57530 (04111224)      6.17227 (04111224)      6.25093 (04123124)
 4411500.0 |      4.38135 (04031124)      2.15994 (04031124)
3.78291 (04111224)      4.64527 (04111224)      4.06018 (04082724)
 4411000.0 |      2.73223 (04031124)      2.25684 (04111224)
3.34635 (04111224)      6.89259 (04123124)      5.03586 (04123124)
 4410500.0 |      2.40558 (04111224)      3.66315 (04111224)
3.70774 (04111224)      6.69807 (04123124)     17.25268 (04123124)
 4410000.0 |      3.12596 (04111224)      4.21708 (04111224)
5.18568 (04123124)      8.61703 (04123124)     11.37057 (04123124)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/26/11
                                   ***
                                   ***        14:35:06
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**MODELOPTs: RegDFAULT CONC
 ELEV

*** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: YOL-KUM ***
INCLUDING SOURCE(S):   BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 , 9ZYI9002,
9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008, 9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E,
9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K, 9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, . . . ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)
	533000.00	533500.00	534000.00	534500.00	535000.00
4425000.0	15.81637 (04012724)	8.89687 (04040624)	2.01863 (04012724)	2.22998 (04012724)	3.42947 (04021924)
4424500.0	15.83707 (04012724)	7.23391 (04040624)

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1.78635 (04012724)      3.59105 (04012724)      2.73325 (04011824)
 4424000.0 |     15.18417 (04012724)      9.29399 (04040624)
1.98081 (04012724)      7.97738 (04012724)     14.30686 (04012724)
 4423500.0 |     25.70504 (04011824)      5.83650 (04011824)
6.13638c(04120424)      8.65205 (04012724)     14.04849c(04011224)
 4423000.0 |     17.06123 (04011824)      6.79574 (04011824)
4.36666c(04122024)     10.89123c(04120424)     20.21803c(04011224)
 4422500.0 |      4.69497 (04011824)      2.33464c(04120424)
2.25300c(04011224)     22.13584c(04120424)     19.11648c(04011224)
 4422000.0 |      3.33138c(04120424)      8.65474 (04011124)
8.31735 (04011124)     28.72588c(04011224)     34.85441c(04011224)
 4421500.0 |      4.04967c(04122024)     11.65149 (04011124)
30.14480 (04121224)     40.51750 (04121224)    110.23496c(04011224)
 4421000.0 |     17.56995c(04011224)     32.21050c(04011224)
37.03485c(04122024)    169.54601 (04122224)      4.25142 (04011924)
 4420500.0 |     15.70956 (04011124)     47.75111c(04122024)
83.74600c(04122024)     12.32117c(04122024)      2.96118 (04050624)
 4420000.0 |     94.31461c(04122024)     62.46121 (04111324)
81.26389 (04111124)      2.80735c(04011224)      3.16563c(04122024)
 4419500.0 |      9.71139c(04122724)      2.85389c(04011224)
12.08679c(04122024)      3.38858c(04122024)      4.67944c(04120424)
 4419000.0 |      1.97884c(04122724)      2.37772 (04040824)
3.36781c(04122024)      5.58804 (04011824)      4.38276 (04040824)
 4418500.0 |     25.50824 (04012424)      4.86516 (04031024)
2.33961c(04011224)      4.82485c(04122024)     13.62860c(04120424)
 4418000.0 |     14.84672 (04012624)     18.44955 (04012524)
10.18422 (04012424)      4.43942 (04042424)     13.20393c(04122024)
 4417500.0 |     54.87803 (04012624)     61.53684 (04012624)
113.68936 (04110624)     26.62603 (04112924)     10.84908 (04122224)
 4417000.0 |     36.00098 (04030224)     46.77592 (04123124)
24.68337 (04062924)     39.39639 (04092924)     14.39916 (04070424)
 4416500.0 |     40.92063 (04122224)     24.02694 (04020424)
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30.17168 (04092924)      8.83214 (04122224)     10.29777 (04070824)
 4416000.0 |     30.77982 (04111324)     73.54302 (04092724)
5.04898 (04090624)       8.92896 (04122224)      8.71137 (04122224)
 4415500.0 |     39.08333 (04111324)     11.17010c(04042524)
6.41258 (04031024)       7.70681 (04020324)      8.50733 (04122224)
 4415000.0 |     17.51708c(04042524)      4.09062c(04122724)
4.53484 (04101324)       7.40424 (04031024)      8.67809 (04122224)
 4414500.0 |      2.82698c(04122724)      3.16419c(04122724)
4.64136 (04101324)       4.07308 (04073024)      7.94120 (04122224)
 4414000.0 |      4.67778 (04111224)     13.31800 (04123124)
4.30479 (04073024)       3.38340 (04073024)      7.61537 (04122224)
 4413500.0 |     10.29923 (04111224)     28.75822 (04123124)
3.90921 (04073024)       9.94838 (04012624)      7.99767 (04012624)
 4413000.0 |      7.28533 (04123124)     11.54482 (04073024)
8.54955 (04012624)       7.05821 (04012624)      8.90243 (04111124)
 4412500.0 |      6.50357 (04012624)      6.98967 (04012624)
3.09098 (04012624)       5.41002 (04111124)      9.68955 (04111124)
 4412000.0 |      5.10662 (04073024)      2.96684 (04111124)
5.60759 (04122224)       7.71756 (04123124)     11.25981 (04111124)
 4411500.0 |      4.84695 (04073024)      3.28635 (04122224)
3.86679 (04041324)       3.78177 (04090524)      4.34829 (04123124)
 4411000.0 |      6.59430 (04041324)      6.86416 (04041324)
4.60477 (04111124)       4.10019 (04090524)     11.05871 (04122224)
 4410500.0 |     11.60925 (04111024)     13.65017 (04111124)
6.57094 (04111124)       3.99949 (04090524)      5.94786 (04020424)
 4410000.0 |     24.92142 (04111124)     14.76339 (04111124)
3.46918 (04111124)       4.55704 (04110824)      8.74463 (04110824)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/26/11
                                  ***
                                  ***        14:35:06
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: YOL-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 , 9ZYI9002, 9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008, 9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E, 9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K, 9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, . . . ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	535500.00	536000.00	536500.00
537000.00	537500.00		
4425000.0	3.46092 (04040624)	9.67898 (04122624)	5.98747 (04122624)
5.93767c(04011224)	3.19374 (04012124)		
4424500.0	2.62936 (04040624)	12.85561 (04122624)	6.85319c(04011224)
6.68095c(04011224)	12.45014c(04011224)		

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 4424000.0 |      7.36394 (04040624)      7.09175c(04011224)
13.25533c(04011224)      7.98223c(04011224)     15.84564c(04011224)
 4423500.0 |     16.36446 (04012724)     14.98496c(04011224)
9.02205c(04011224)     11.00858c(04011224)     22.93971c(04011224)
 4423000.0 |     21.34602c(04011224)     10.81305c(04011224)
13.04960c(04011224)     15.71886c(04011224)     11.54871c(04011224)
 4422500.0 |     15.16637c(04011224)     18.57638c(04011224)
20.77731c(04011224)     17.29383c(04011224)      6.22217c(04120424)
 4422000.0 |     28.88949c(04011224)     27.15672c(04011224)
9.48608 (04011424)      5.00932 (04021924)      8.13788c(04011324)
 4421500.0 |     76.50955c(04122024)     18.20237 (04012724)
4.03528 (04021524)     14.91017 (04021924)     23.85765c(04122024)
 4421000.0 |     66.26684 (04012624)    101.30350c(04122024)
48.00057c(04122024)     30.24278c(04122024)     20.56554c(04122024)
 4420500.0 |     37.79264c(04122024)     46.73209c(04122024)
46.04602c(04122024)     28.29106c(04011324)     19.58786c(04122024)
 4420000.0 |      3.20842 (04040624)     26.47211c(04122024)
42.03264c(04122024)     39.27084c(04122024)     20.99223c(04122024)
 4419500.0 |      5.28761c(04120424)     20.04572 (04012624)
27.10429c(04122024)     89.58178 (04122124)     30.40022c(04122024)
 4419000.0 |      5.73072c(04120424)     17.62290c(04122024)
22.79249c(04122024)     72.19761 (04121224)     14.38029 (04122124)
 4418500.0 |     16.02271c(04122024)     16.15629c(04122024)
21.61630c(04122024)     81.46742 (04121224)     21.36488 (04122124)
 4418000.0 |     13.55185c(04122024)     17.29060c(04122024)
21.32109 (04012724)     98.83796 (04121224)      5.89168 (04052524)
 4417500.0 |     13.28357c(04122024)     16.81253c(04122024)
24.04419 (04012724)     42.35513 (04021924)      8.38581 (04122624)
 4417000.0 |     11.88817c(04122024)     16.18278c(04122024)
22.70859c(04122024)     16.21497 (04120724)      5.56841c(04120424)
 4416500.0 |     10.22846 (04122224)     14.84837c(04122024)
25.99522c(04122024)     14.94268 (04120724)      5.71554 (04022124)
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 4416000.0 |     10.72244 (04122224)     15.58153c(04121924)
26.61730c(04122024)     11.98570 (04120724)      7.80106c(04122024)
 4415500.0 |      9.53930 (04122224)     16.25550 (04111124)
22.57919 (04111124)      6.41348 (04110824)      3.81784c(04122024)
 4415000.0 |      9.09330 (04122224)     12.01040 (04111124)
20.52559 (04111124)     48.88993 (04110824)      8.20270c(04122024)
 4414500.0 |      8.35160 (04122224)     11.93690 (04111124)
17.59152 (04111124)     26.73983 (04110824)     12.18691 (04052524)
 4414000.0 |      7.83890 (04111124)     11.62918 (04111124)
7.64783 (04111124)      5.05181 (04031024)     14.08950 (04031024)
 4413500.0 |      8.64337 (04012624)     10.32539 (04111124)
10.18302 (04012624)      4.48180 (04110824)      3.87072c(04122724)
 4413000.0 |      9.21645 (04012624)      2.76497 (04110824)
12.45103 (04012624)     11.50497 (04012624)     14.66163 (04012624)
 4412500.0 |      7.80641 (04111124)      7.72120 (04111124)
7.39636 (04122224)      9.03727 (04122224)     14.48688 (04110824)
 4412000.0 |      7.20278 (04111124)      6.85863 (04123124)
7.89447 (04123124)     10.10347 (04122224)     12.68916 (04122224)
 4411500.0 |     12.72664 (04111124)      7.19822 (04122224)
8.89879 (04122224)      8.69904 (04122224)      8.49124 (04122224)
 4411000.0 |      7.30163 (04110824)      5.01255 (04122224)
7.55169 (04020424)      6.05089 (04111324)      7.95260 (04111324)
 4410500.0 |      4.68524 (04020424)      2.74145 (04122224)
4.45934 (04111324)      7.39076 (04110824)      7.08701 (04111324)
 4410000.0 |      2.95186 (04100724)      4.19732 (04111324)
5.60248 (04111324)      7.48986 (04110824)      5.50532 (04110824)
1 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/26/11
                                   ***
                                   ***        14:35:06

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**MODELOPTs: RegDFAULT CONC
 ELEV

*** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: YOL-KUM ***
INCLUDING SOURCE(S):   BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 , 9ZYI9002,
9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008, 9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E,
9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K, 9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, . . . ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)					
	538000.00	538500.00	539000.00	539500.00	540000.00	
4425000.0	5.56797c(04011224)	14.05369c(04011224)	17.93518c(04011224)	10.77588c(04011224)	4.72513c(04011224)	
4424500.0	3.31748 (04021524)	6.71360c(04011224)	4.29827c(04011224)	4.95234c(04011224)	5.33840 (04021224)	
4424000.0	4.38699 (04022624)	2.41738 (04011124)				

```
2.38532 (04122624)      3.52426 (04021924)      5.63232 (04021224)
 4423500.0 |       5.18730 (04111924)      4.53564 (04111924)
2.07093 (04061224)      2.82571 (04021924)      2.26742 (04052424)
 4423000.0 |       3.71546 (04111924)      3.70887 (04052824)
5.31462 (04052824)      3.24860 (04082624)      2.83883 (04021924)
 4422500.0 |       2.74755 (04012124)      5.30266 (04070524)
6.57874 (04070524)      6.71564 (04070824)      3.79412 (04112624)
 4422000.0 |       6.63584c(04122024)     13.12923c(04122024)
4.01829 (04070424)      4.75722 (04070824)      4.01392c(04011324)
 4421500.0 |      21.92696c(04122024)     18.29869c(04122024)
12.47533c(04122024)      8.86331c(04122024)      7.06717c(04011224)
 4421000.0 |      15.02991c(04122024)      9.52952 (04122624)
6.42468 (04122624)      6.51671c(04011224)      4.18496 (04122624)
 4420500.0 |      14.85614c(04122024)     11.80157c(04011224)
3.28293 (04122624)      4.46422c(04011224)      2.64894c(04011324)
 4420000.0 |      13.49632c(04011224)      8.41642 (04122624)
2.96190 (04122624)      3.70347 (04021924)      4.18104 (04021924)
 4419500.0 |       5.45508 (04012724)      2.65166 (04010524)
2.45913 (04022024)      3.71298 (04021924)      5.52344 (04021924)
 4419000.0 |       5.92432 (04012724)      5.50550 (04012724)
3.32481 (04040624)      6.24073 (04051124)      7.37289 (04022624)
 4418500.0 |       3.30394 (04051224)      3.02628 (04022024)
3.90147 (04040624)      4.87631 (04022624)      3.40530 (04022624)
 4418000.0 |       3.21515 (04012724)      7.23234 (04012724)
5.18730 (04040624)      4.48712 (04061924)      7.04726 (04061924)
 4417500.0 |       3.62483 (04012724)     15.93383 (04062024)
5.60706 (04012724)     10.30193 (04062024)     12.34933 (04022224)
 4417000.0 |       2.56396 (04012724)      6.69461 (04091024)
5.28424 (04122624)      8.75402 (04122524)      9.43434 (04022024)
 4416500.0 |       9.77491 (04082424)     10.37598 (04082924)
7.40030 (04050624)      5.52733 (04101024)      8.10697 (04101024)
 4416000.0 |       2.99678c(04122024)      7.24613 (04092024)
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7.69114 (04122924)      7.86442 (04122924)      6.88445 (04050624)
 4415500.0 |       7.52695c(04122024)      1.08246c(04011224)
3.84711 (04061024)      5.19091 (04022924)      8.77385 (04092024)
 4415000.0 |       5.03707c(04122024)      9.39996c(04122024)
1.20990c(04120424)      1.58001 (04022924)      3.30155 (04022924)
 4414500.0 |       5.81271c(04122024)     11.25112c(04122024)
10.16323c(04122024)      3.52224c(04120424)      1.26866 (04012024)
 4414000.0 |       5.91117 (04031024)      5.76902c(04122024)
11.81939c(04122024)     17.71501 (04040624)     13.89848c(04120424)
 4413500.0 |       5.42011 (04042124)     11.90681 (04031024)
13.10133 (04031024)     25.78036c(04122024)     33.89691c(04120424)
 4413000.0 |      20.11692 (04012624)     29.91005 (04012624)
48.28875 (04012624)    134.81773 (04012624)    214.45413c(04122024)
 4412500.0 |       8.44822 (04123124)     16.29096 (04020424)
23.38457 (04020424)     34.82928 (04122224)     38.61925 (04122224)
 4412000.0 |      14.35662 (04122224)     14.71440 (04122224)
16.58667 (04052524)     16.47593 (04111324)     18.28767 (04111124)
 4411500.0 |       9.97930 (04111324)     11.52366 (04111324)
11.35086 (04052524)     12.33558 (04111124)     12.53273 (04022524)
 4411000.0 |       8.68620 (04111324)      7.52231 (04111324)
8.87369 (04111124)     10.24749 (04111124)     10.29118 (04052524)
 4410500.0 |       5.78961 (04110724)      5.58197 (04111124)
7.91727 (04111124)      8.42784 (04111124)      7.52436 (04111124)
 4410000.0 |       5.95102 (04110824)      6.45901 (04111124)
7.15516 (04111124)      7.12942 (04111124)      5.16883 (04111124)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/26/11
                                  ***
                                  ***        14:35:06

                                             PAGE  96
 **MODELOPTs:  RegDFAULT CONC
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ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: YOL-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 , 9ZYI9002, 9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008, 9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E, 9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K, 9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, . . . ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	540500.00	541000.00	541500.00
4425000.0	5.64017 (04021224)	2.36560 (04021224)	2.08926 (04100824)
	9.09458 (04010824)	7.46869 (04010424)	
4424500.0	4.64195 (04021324)	2.92713 (04050724)	5.87256c(04011224)
	7.98026 (04010424)	10.16416 (04010424)	
4424000.0	4.75139 (04050724)	4.27113 (04093024)	6.11101 (04010424)
	8.47923 (04012824)	8.05890 (04012824)	

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 4423500.0 |      6.92902 (04051224)      5.04517 (04051224)
5.09634 (04012824)      6.38637 (04012824)      7.63901 (04021124)
 4423000.0 |      4.35396 (04081224)      3.62398 (04081224)
3.60170 (04051124)      3.29812 (04021124)      2.64490 (04021124)
 4422500.0 |      4.33115 (04051524)      3.35338 (04081224)
2.53633 (04081224)      2.25277 (04010824)      3.92738 (04010824)
 4422000.0 |      3.66129c(04011324)      2.83140 (04051524)
3.06000c(04011224)      3.52508 (04010824)      4.15049 (04010824)
 4421500.0 |      5.71420c(04011224)      2.58800 (04051524)
2.69254 (04010824)      2.76578 (04010824)      5.00650c(04100124)
 4421000.0 |      2.50789 (04112624)      2.61160c(04120424)
3.17545c(04100124)     11.40422c(04100124)      9.35981c(04122024)
 4420500.0 |      3.67738 (04021924)      2.54043 (04021124)
12.14803c(04100124)     12.54729c(04122024)     10.42987c(04122024)
 4420000.0 |      3.69811 (04021924)      8.29346 (04021124)
15.97624c(04100124)     12.25783c(04122024)     14.01618c(04122024)
 4419500.0 |      4.97559 (04051124)      8.73076 (04040524)
18.62236c(04100124)     15.67926c(04100124)     13.45432c(04100124)
 4419000.0 |      9.34757 (04022624)      8.40141 (04022624)
9.33538c(04100124)      9.94241c(04122024)      8.10351c(04122024)
 4418500.0 |      3.28636c(04100124)      4.62900c(04100124)
7.35837c(04100124)      9.15618 (04052524)      5.48929c(04122024)
 4418000.0 |      6.93112 (04061924)      6.97090 (04122524)
6.46998 (04101724)      6.08230 (04120524)      5.37145c(04122024)
 4417500.0 |      9.68360 (04022024)      8.91871 (04022024)
8.05370 (04120524)      7.53301 (04120524)      7.15344 (04022024)
 4417000.0 |      8.89482 (04022024)      8.00195 (04120524)
7.77380 (04050924)      7.51661 (04120524)      6.98569 (04050924)
 4416500.0 |      4.85438 (04022024)      5.46744 (04022024)
5.39985 (04022024)      5.11303 (04050924)      5.13418 (04050924)
 4416000.0 |      5.48207 (04101024)      4.31930 (04082924)
3.15467 (04101024)      2.09190 (04101024)      4.84969 (04100924)
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 4415500.0 |      6.49735 (04092024)      6.16943 (04082924)
7.30124 (04082924)      4.97188 (04050624)      5.47156 (04100924)
 4415000.0 |      4.36212 (04092024)      5.29447 (04092024)
8.38055 (04092024)      5.24074 (04122924)      4.99604 (04050624)
 4414500.0 |      2.63470 (04011424)      1.96464 (04022924)
3.09639 (04022924)      3.39257 (04050624)      3.99202 (04092024)
 4414000.0 |     14.81789 (04122624)      1.87577 (04012824)
1.58604 (04011124)      2.79634 (04022924)      3.46007 (04022924)
 4413500.0 |     42.76938c(04011224)      9.46595 (04011424)
5.04485 (04120124)      1.46948 (04020824)      1.13873 (04022924)
 4413000.0 |    189.52503c(04122024)     96.28089c(04122024)
12.90246 (04022024)      5.80602 (04122524)      3.44006 (04122524)
 4412500.0 |     30.10843 (04111324)     11.92978 (04101024)
12.15129c(04122024)      8.99304 (04122924)      1.90535 (04111824)
 4412000.0 |     22.33335 (04111124)     14.73759 (04122124)
10.72579 (04122124)      5.74993 (04122124)      4.29555 (04122124)
 4411500.0 |     11.29675 (04111124)      9.71925 (04052524)
8.53969 (04122124)      6.47965 (04122124)      4.31848 (04122124)
 4411000.0 |      8.69077 (04122124)     11.78532 (04122124)
7.99202 (04122124)      5.94449 (04122124)      5.24092 (04122124)
 4410500.0 |      5.34436 (04122124)      6.27313 (04122124)
9.69553 (04122124)      5.72368 (04122124)      5.61488 (04122124)
 4410000.0 |      4.08876c(04122024)      4.85337 (04122124)
6.83142 (04122124)      8.70058 (04122124)      5.68706 (04122124)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                     ***        10/26/11
                                    ***
                                    ***        14:35:06

                                               PAGE  97
 **MODELOPTs:  RegDFAULT CONC
  ELEV
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                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  YOL-KUM  ***
                                   INCLUDING SOURCE(S):      BACA1A  ,
BACA1B  , ON.ISIT., CALIK1  , CALIK2  , CALIK3  , 9ZYI9002,
          9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008,
9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E,
          9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K,
9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P,  . . .  ,

                                    *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***

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

  Y-COORD  |                                                  X-COORD
(METERS)
  (METERS) |       543000.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 4425000.0 |     10.84168 (04010424)
 4424500.0 |     10.71391 (04012824)
 4424000.0 |      6.50053 (04021124)
 4423500.0 |      3.91211 (04021124)
 4423000.0 |      5.38293 (04010824)
 4422500.0 |      2.84098c(04011224)
 4422000.0 |      6.83565c(04122024)
 4421500.0 |      8.42087c(04122024)
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4421000.0 |      5.74262c(04122024)
4420500.0 |      9.75143c(04122024)
4420000.0 |     12.45908c(04122024)
4419500.0 |     11.93186c(04100124)
4419000.0 |      6.88617c(04072824)
4418500.0 |      4.52617c(04072824)
4418000.0 |      5.07392c(04122024)
4417500.0 |      7.09215 (04022024)
4417000.0 |      6.97413 (04022024)
4416500.0 |      5.37342 (04022024)
4416000.0 |      5.58858 (04052524)
4415500.0 |      3.72451 (04052424)
4415000.0 |      4.78716 (04050624)
4414500.0 |      4.51310 (04050624)
4414000.0 |      3.77111 (04092024)
4413500.0 |      2.33787 (04022924)
4413000.0 |      2.28380 (04122524)
4412500.0 |      3.14970 (04091024)
4412000.0 |      4.19580 (04122924)
4411500.0 |      4.31448 (04122124)
4411000.0 |      4.32958 (04122124)
4410500.0 |      4.77436 (04122124)
4410000.0 |      4.63946 (04122124)
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**MODELOPTs:  RegDFAULT CONC
 ELEV
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: YOL-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 , 9ZYI9002, 9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008, 9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E, 9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K, 9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
537268.00	4419321.00	50.25307	(04122124)
533288.00	4420664.00	44.30356c	(04011224)
530873.00	4418253.00	36.09426	(04111324)
532253.00	4419045.00	4.47206c	(04122724)
534268.00	4421987.00	21.03775c	(04011224)
536366.00	4419557.00	25.82029c	(04122024)
534987.00	4418091.00	14.47039c	(04122024)
530614.00	4415312.00	6.10216	(04122224)
538946.00	4413223.00	14.57828	(04031024)
541693.00	4411996.00	8.77155	(04122124)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: YOL *** INCLUDING SOURCE(S): 9ZYI9002, 9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008, 9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E, 9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K, 9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, 9ZYI900Q, 9ZYI900R, 9ZYI900S, 9ZYI900T, 9ZYI900U, 9ZYI900V, . . . ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	528000.00	528500.00	529000.00
529500.00	530000.00		

```
 4425000.0 |      0.24535c(04011224)      0.28775c(04011224)
0.38534c(04011224)      0.42602c(04011224)      0.44353c(04011224)
 4424500.0 |      0.26957c(04011224)      0.30704c(04011224)
0.35658c(04011224)      0.41162c(04011224)      0.45193c(04011224)
 4424000.0 |      0.25666c(04011224)      0.28745c(04011224)
0.32897c(04011224)      0.38447c(04011224)      0.48615c(04011224)
 4423500.0 |      0.24882c(04011224)      0.27572c(04011224)
0.31868c(04011224)      0.37057c(04011224)      0.54506 (04112524)
 4423000.0 |      0.28272c(04011224)      0.30173c(04011224)
0.31740c(04011224)      0.34805c(04011224)      0.59228 (04112524)
 4422500.0 |      0.43744c(04011224)      0.41489c(04011224)
0.51589 (04122924)      0.36675c(04011224)      0.53781c(04011224)
 4422000.0 |      0.61985c(04011224)      0.66287 (04012424)
0.51531c(04011224)      0.53657c(04011224)      0.58665c(04011224)
 4421500.0 |      2.66348 (04012624)      1.59996 (04012624)
1.05355 (04012524)      0.94531 (04012524)      0.95939c(04011224)
 4421000.0 |      5.02154 (04012624)      4.34146 (04012624)
3.79737 (04012624)      3.14111 (04012624)      1.81604 (04012624)
 4420500.0 |      5.75185 (04012624)      7.57357 (04012624)
6.88429 (04012624)      5.46147 (04012624)      2.99803 (04012624)
 4420000.0 |      3.00056 (04012624)     10.49872 (04012624)
10.55563 (04012624)      8.58088 (04012624)      5.34176 (04012624)
 4419500.0 |      2.27983 (04012624)      9.07622 (04012624)
12.90249 (04012624)     16.65296 (04012624)     10.80869 (04012624)
 4419000.0 |      2.32911 (04012624)      7.53123 (04012624)
12.34834 (04030224)     27.37921 (04030224)     39.03948 (04030224)
 4418500.0 |      4.32459 (04011024)     11.16182 (04011024)
29.12185 (04122224)     32.52434 (04020424)     35.95050 (04020424)
 4418000.0 |      4.06300 (04011024)     13.19714 (04020424)
12.66361 (04020424)     24.50222 (04111324)     22.99444 (04111324)
 4417500.0 |      4.05013 (04122224)      4.15824 (04031024)
12.02107 (04111324)     14.58249 (04111324)     26.45290 (04111324)
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 4417000.0 |      1.87177c(04122724)      3.86192c(04122724)
8.37985 (04102424)     16.57884 (04111324)     19.30212 (04031124)
 4416500.0 |      3.04962c(04122724)      5.38090 (04102424)
6.55119 (04111324)      6.45361 (04111324)      7.87733c(04110124)
 4416000.0 |      2.41556c(04122724)      2.20650c(04122724)
2.56405c(04122724)      2.28005c(04122724)      2.52376c(04122724)
 4415500.0 |      1.48436c(04122724)      0.69887c(04122724)
1.63956c(04122724)      1.49984c(04122724)      4.19218 (04122224)
 4415000.0 |      0.70247c(04122724)      1.00815c(04122724)
0.83803c(04122724)      1.33449 (04012624)      2.61104 (04012624)
 4414500.0 |      0.94930 (04122824)      0.42872c(04122724)
0.32518c(04122724)      0.38822c(04122724)      4.26922 (04012624)
 4414000.0 |      0.71792 (04012624)      0.24558c(04122724)
0.48011 (04012624)      3.66052 (04012624)      4.32308 (04012624)
 4413500.0 |      0.43932 (04012624)      0.52886 (04012624)
2.21628 (04012624)      4.38558 (04012624)      4.51497 (04012624)
 4413000.0 |      0.61760 (04010224)      0.57657 (04010224)
1.21407 (04012524)      3.37070 (04110624)      4.03526c(04121924)
 4412500.0 |      0.30203 (04010224)      1.67271 (04012624)
1.68601 (04012624)      3.26828 (04122224)      2.26892 (04122224)
 4412000.0 |      0.28489c(04122724)      2.85978 (04042024)
2.80955 (04042024)      3.30694 (04122224)      2.31451 (04042024)
 4411500.0 |      0.23641c(04122724)      1.05324 (04122224)
1.63764 (04122224)      1.21277 (04122224)      0.33102c(04122724)
 4411000.0 |      0.29019c(04122724)      1.00596 (04122224)
0.32311c(04122724)      0.28055c(04122724)      0.30739c(04122724)
 4410500.0 |      2.43502 (04122224)      0.50988c(04122724)
0.29507c(04122724)      0.21174c(04122724)      0.24498c(04122724)
 4410000.0 |      1.38552 (04041324)      0.23612c(04122724)
0.22330 (04011924)      0.20351 (04011924)      0.26153 (04011924)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/26/11
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: YOL   ***
INCLUDING SOURCE(S):   9ZYI9002, 9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008,
9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E, 9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K,
9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, 9ZYI900Q, 9ZYI900R, 9ZYI900S, 9ZYI900T, 9ZYI900U, 9ZYI900V, . . . ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)
	530500.00	531000.00	531500.00	532000.00	532500.00
4425000.0	0.43872c(04011224)	0.42426c(04011224)

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0.36700c(04011224)      0.41023c(04011224)      0.36420c(04011224)
 4424500.0 |      0.46180c(04011224)      0.44700c(04011224)
0.41093c(04011224)      0.43550c(04011224)      0.45549c(04011224)
 4424000.0 |      0.47534c(04011224)      0.47441c(04011224)
0.45941c(04011224)      0.44904c(04011224)      0.46205c(04011224)
 4423500.0 |      0.47412c(04011224)      0.50088c(04011224)
0.49605c(04011224)      0.48113c(04011224)      0.53268c(04011224)
 4423000.0 |      0.45137c(04011224)      0.51247c(04011224)
0.53631c(04011224)      0.61216c(04011224)      0.58740c(04011224)
 4422500.0 |      0.43316c(04011224)      0.52923c(04011224)
0.62149c(04011224)      0.93709c(04122024)      0.87711 (04122624)
 4422000.0 |      0.41949c(04011224)      0.86423 (04112524)
1.62681 (04042424)      1.80771 (04042424)      0.81263 (04122624)
 4421500.0 |      0.73523c(04011224)      1.10892c(04011224)
1.86830 (04042424)      1.49773 (04112524)      1.36252 (04042424)
 4421000.0 |      1.13978 (04113024)      1.96072 (04012524)
4.97691 (04012624)      1.17942 (04112524)      2.11078 (04122624)
 4420500.0 |      0.94525c(04011224)      4.07400 (04012624)
9.13923 (04012624)      1.34358c(04011224)      1.71657 (04112524)
 4420000.0 |      3.74138 (04012624)     14.17397 (04012624)
16.33787 (04012624)      3.17101 (04010224)     11.60166 (04012624)
 4419500.0 |     11.29945 (04012624)     74.93707 (04012624)
103.78188c(04011224)    166.74031 (04122224)     73.97181 (04111324)
 4419000.0 |     59.78408 (04020424)    106.30458c(04122024)
11.22402 (04102424)      2.49743c(04122724)      3.79873c(04122724)
 4418500.0 |     37.33021c(04110124)     40.04335 (04111124)
1.65828c(04122724)      1.02676c(04122724)      0.64401c(04122724)
 4418000.0 |     32.74219 (04111224)     18.26926 (04111324)
1.39131c(04122724)      0.52235c(04122724)      0.38347c(04122724)
 4417500.0 |     27.25625 (04111124)      2.43525c(04122724)
0.69136c(04122724)      0.69746 (04011924)      0.32525c(04122724)
 4417000.0 |     18.46080 (04111124)      2.53395 (04031024)
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0.34266c(04122724)      0.36073 (04112224)      0.31101c(04122724)
 4416500.0 |     11.34260 (04111124)      4.30531 (04031024)
0.94024 (04012424)      0.32239 (04120624)      0.26928 (04112224)
 4416000.0 |      7.93555 (04111124)      1.69374c(04122724)
0.38746 (04012524)      0.29096c(04122724)      0.31221 (04120624)
 4415500.0 |      5.66892 (04111124)      2.02588c(04122724)
0.31454c(04122724)      0.24475c(04122724)      0.22819c(04122724)
 4415000.0 |      6.11006 (04111124)      0.94931c(04122724)
0.43661c(04122724)      0.29228c(04122724)      0.22713c(04122724)
 4414500.0 |      4.75892 (04012624)      0.81987 (04012624)
0.33715c(04122724)      0.29028c(04122724)      0.28880c(04122724)
 4414000.0 |      5.04682 (04012624)      2.71008 (04012624)
0.36781c(04122724)      0.24583c(04122724)      0.22728c(04122724)
 4413500.0 |      3.51147 (04012624)      2.74990 (04012624)
0.53800c(04011224)      0.33897c(04011224)      0.39359c(04011224)
 4413000.0 |      4.66239 (04110624)      0.62445 (04010224)
0.50459 (04010124)      0.59983 (04010224)      1.16917c(04122724)
 4412500.0 |      1.25533c(04010324)      0.39274 (04010224)
0.28154 (04050324)      0.50317 (04010224)      1.36156 (04012624)
 4412000.0 |      0.31514c(04122724)      0.23444c(04122724)
0.23721c(04122724)      0.28148c(04122724)      0.34873c(04122724)
 4411500.0 |      0.27530c(04122724)      0.28613c(04122724)
0.28971c(04122724)      0.29987c(04122724)      0.42770 (04011024)
 4411000.0 |      0.25888c(04122724)      0.28937c(04122724)
0.29923c(04122724)      0.38813 (04011024)      4.04788 (04041324)
 4410500.0 |      0.24810c(04122724)      0.33354 (04011024)
1.24303 (04041324)      4.30733 (04041324)      1.39477 (04011024)
 4410000.0 |      0.39206 (04011924)      0.49486 (04022424)
1.29077 (04011024)      3.45577 (04122224)      3.05072 (04122224)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: YOL *** INCLUDING SOURCE(S): 9ZYI9002, 9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008, 9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E, 9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K, 9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, 9ZYI900Q, 9ZYI900R, 9ZYI900S, 9ZYI900T, 9ZYI900U, 9ZYI900V, . . . ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	533000.00	533500.00	534000.00	534500.00	535000.00
4425000.0	0.30952c(04011224)	0.37439 (04120724)	0.50229 (04120724)	1.31246 (04012724)	1.18224 (04012724)

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 4424500.0 |      0.42256c(04011224)      0.45969 (04122624)
0.72431 (04011824)      2.68491 (04012724)      1.89748 (04011824)
 4424000.0 |      0.48931c(04011224)      0.48287 (04012024)
1.02367 (04011824)      7.08347 (04012724)     13.46578 (04012724)
 4423500.0 |      0.52902c(04011224)      0.77196c(04011224)
5.63499c(04120424)      7.75837 (04012724)     13.00122c(04011224)
 4423000.0 |      0.86398c(04120424)      1.22108c(04122024)
3.78778c(04122024)     10.42735c(04120424)     19.17587c(04011224)
 4422500.0 |      2.59213c(04120424)      1.77109c(04120424)
1.23147c(04120424)     21.67087c(04120424)     18.06820c(04011224)
 4422000.0 |      2.73743c(04120424)      8.04653 (04011124)
7.50151 (04011124)     27.62485c(04011224)     34.24846 (04122624)
 4421500.0 |      3.30908c(04122024)     11.07326 (04011124)
29.28801 (04121224)     39.65515 (04121224)    109.14518c(04011224)
 4421000.0 |     16.24693c(04011224)     30.89705c(04011224)
36.27909c(04122024)    168.93619 (04122224)      3.45068 (04011924)
 4420500.0 |     15.31611 (04011124)     46.97769c(04122024)
82.96680c(04122024)     11.74489 (04120124)      2.02325 (04111724)
 4420000.0 |     93.54410c(04122024)     61.97016 (04111324)
80.82295 (04111124)      1.91174c(04122024)      2.29814c(04122024)
 4419500.0 |      8.73033c(04122724)      1.95783 (04111824)
11.12869c(04122024)      2.53191c(04122024)      3.80121c(04120424)
 4419000.0 |      0.63743 (04010724)      0.84967 (04071724)
2.42286c(04122024)      2.35759 (04042424)      2.87523c(04122024)
 4418500.0 |      0.42058c(04122724)      0.55536 (04071724)
0.64523c(04011224)      3.87149c(04122024)     12.79577c(04120424)
 4418000.0 |      0.37240c(04122724)      0.36628c(04122724)
0.53369c(04011224)      3.94151 (04112524)     12.73835c(04122024)
 4417500.0 |      0.31982 (04071724)      0.30767c(04122724)
0.68508 (04010124)      0.53021c(04011224)      8.67044 (04042424)
 4417000.0 |      0.26260c(04122724)      0.26628c(04122724)
0.49178 (04010224)      0.45622 (04010224)      2.46479 (04111124)
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 4416500.0 |      0.23579c(04122724)      0.26967c(04122724)
0.49953 (04010224)      7.73482 (04122224)      9.27304 (04122224)
 4416000.0 |      0.46317 (04120624)      0.90510 (04012424)
1.75954 (04012424)      8.03010 (04122224)      8.14583 (04122224)
 4415500.0 |      0.27514c(04122724)      1.42650 (04012424)
6.12891 (04031024)      7.63175 (04020324)      7.94197 (04122224)
 4415000.0 |      0.32103 (04011924)      2.96465 (04101124)
2.26529 (04031024)      6.99891 (04031024)      8.12050 (04122224)
 4414500.0 |      0.33577c(04122724)      1.59548c(04122724)
2.18493c(04122724)      2.26463c(04122724)      7.41085 (04122224)
 4414000.0 |      0.29910c(04122724)      0.33021c(04122724)
1.85711 (04012624)      2.74673 (04012624)      7.11220 (04122224)
 4413500.0 |      0.50228c(04011224)      0.58108c(04011224)
3.58367 (04012624)      9.68777 (04012624)      7.73437 (04012624)
 4413000.0 |      2.08351 (04012524)      5.23278 (04012524)
8.30534 (04012624)      6.81213 (04012624)      8.51965 (04111124)
 4412500.0 |      6.27683 (04012624)      6.76364 (04012624)
2.86193 (04012624)      5.00200 (04111124)      9.32250 (04111124)
 4412000.0 |      1.11095 (04042024)      2.17421 (04111124)
5.25265c(04121924)      7.55483 (04123124)     10.91159 (04111124)
 4411500.0 |      0.85664 (04041324)      2.96020 (04123124)
3.70216 (04041324)      2.47622 (04041324)      4.19396 (04123124)
 4411000.0 |      5.61660 (04041324)      6.37623 (04041324)
1.06551 (04011024)      1.44303 (04011024)     10.67196 (04122224)
 4410500.0 |      2.57865 (04011024)      0.73157 (04011024)
0.44809 (04010124)      2.72669 (04122224)      5.72875 (04020424)
 4410000.0 |      0.47845 (04011024)      0.31975 (04011024)
0.41199c(04122724)      0.47691 (04122224)      0.39429c(04122724)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/26/11
                                   ***
                                   ***        14:35:06
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**MODELOPTs: RegDFAULT CONC
 ELEV

*** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: YOL   ***
INCLUDING SOURCE(S):   9ZYI9002, 9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008,
9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E, 9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K,
9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, 9ZYI900Q, 9ZYI900R, 9ZYI900S, 9ZYI900T, 9ZYI900U, 9ZYI900V, . . . ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)
	535500.00	536000.00	536500.00	537000.00	537500.00
4425000.0	2.94961 (04040624)	9.22070 (04122624)	5.24468 (04122624)	4.72141 (04121224)	0.86171 (04040624)
4424500.0	2.06736 (04040624)	12.40662 (04122624)			

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5.86372 (04121224)      5.37536c(04011224)     10.95958c(04011224)
 4424000.0 |      6.74713 (04040624)      5.93543c(04011224)
12.04703c(04011224)      6.74648c(04011224)     14.51593c(04011224)
 4423500.0 |     15.59426 (04012724)     13.87255c(04011224)
7.90736c(04011224)      9.85584c(04011224)     21.66638c(04011224)
 4423000.0 |     20.29273c(04011224)      9.76439c(04011224)
11.97732c(04011224)     14.60710c(04011224)     10.37085c(04011224)
 4422500.0 |     14.13024c(04011224)     17.52649c(04011224)
19.70423c(04011224)     16.13983c(04011224)      5.60327c(04120424)
 4422000.0 |     27.84918c(04011224)     26.03083c(04011224)
8.79036 (04011424)      4.16291 (04021924)      7.59960c(04011324)
 4421500.0 |     75.59069c(04122024)     17.65423 (04012724)
2.98285 (04120124)     14.10855 (04021924)     22.70894c(04122024)
 4421000.0 |     65.64879 (04012624)    100.30003c(04122024)
46.91450c(04122024)     29.16046c(04122024)     19.53923c(04122024)
 4420500.0 |     36.86620c(04122024)     45.76787c(04122024)
45.03717c(04122024)     27.80387c(04011324)     18.65284c(04122024)
 4420000.0 |      2.43634 (04011824)     25.50871c(04122024)
41.08060c(04122024)     38.36124c(04011324)     20.15812c(04122024)
 4419500.0 |      3.69231c(04120424)     19.65964 (04012624)
26.19358c(04122024)     88.97851 (04122124)     29.58039c(04122024)
 4419000.0 |      4.58080 (04020324)     16.75224c(04122024)
21.96801c(04122024)     71.91222 (04121224)     13.67761 (04122124)
 4418500.0 |     15.32373c(04122024)     15.42508c(04122024)
20.93464c(04122024)     81.10381 (04121224)     20.84022 (04122124)
 4418000.0 |     13.13377c(04122024)     16.78431c(04122024)
20.97810 (04012724)     98.39529 (04121224)      5.20370 (04011424)
 4417500.0 |     12.91167c(04122024)     16.33181c(04122024)
23.70578 (04012724)     40.71670 (04021924)      8.29875 (04122624)
 4417000.0 |     11.55310c(04122024)     15.79410c(04122024)
22.22220c(04122024)     16.17060 (04120724)      5.30889c(04120424)
 4416500.0 |      9.82126 (04122224)     14.43477c(04122024)
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25.55463c(04122024)     14.89700 (04120724)      4.05649c(04122024)
 4416000.0 |     10.37358 (04122124)     15.25964c(04121924)
26.18446c(04122024)     11.93912 (04120724)      7.34757c(04122024)
 4415500.0 |      9.11280 (04122224)     15.83840 (04111124)
22.21085 (04111124)      6.18636 (04010124)      3.40509c(04122024)
 4415000.0 |      8.66176 (04122224)     11.63473 (04111124)
20.19183 (04111124)     48.66042 (04110824)      7.81061c(04122024)
 4414500.0 |      7.92641 (04122224)     11.58428 (04111124)
17.27883 (04111124)     26.53679 (04110824)     11.99588 (04052524)
 4414000.0 |      7.46095 (04111124)     11.29092 (04111124)
7.34714 (04111124)      4.85301 (04031024)     13.90193 (04031024)
 4413500.0 |      8.37451 (04012624)     10.00184 (04111124)
9.92152 (04012624)      4.31465 (04110824)      3.45975c(04122724)
 4413000.0 |      8.96457 (04012624)      1.51530 (04010224)
12.20145 (04012624)     11.26149 (04012624)     14.42109 (04012624)
 4412500.0 |      7.47427 (04111124)      7.42170 (04111124)
7.09545 (04122224)      8.87225 (04110824)     14.34727 (04110824)
 4412000.0 |      6.88401 (04111124)      6.69743 (04123124)
7.73092 (04123124)      9.83448 (04122224)     12.43736 (04122224)
 4411500.0 |     12.41873 (04111124)      6.88503 (04122224)
8.61641 (04122224)      8.43821 (04122224)      8.24623 (04122224)
 4411000.0 |      1.17689 (04011024)      4.72606 (04020424)
7.36957 (04020424)      5.90812 (04111324)      7.81127 (04111324)
 4410500.0 |      4.48687 (04020424)      2.55601 (04111324)
4.32186 (04111324)      7.27651 (04110824)      6.95279 (04111324)
 4410000.0 |      1.98170 (04102424)      4.06424 (04111324)
5.47187 (04111324)      7.37997 (04110824)      5.39472 (04110824)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/26/11
                                  ***
                                  ***        14:35:06
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**MODELOPTs: RegDFAULT CONC
 ELEV

*** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: YOL   ***
INCLUDING SOURCE(S):   9ZYI9002, 9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008,
9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E, 9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K,
9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, 9ZYI900Q, 9ZYI900R, 9ZYI900S, 9ZYI900T, 9ZYI900U, 9ZYI900V, . . . ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)					
	538000.00	538500.00	539000.00	539500.00	540000.00	
4425000.0	3.91399c(04011224)	12.39796c(04011224)	16.36793c(04011224)	9.39764c(04011224)	3.53973 (04011124)	
4424500.0	1.23881 (04011124)	5.04582c(04011224)	3.33901 (04011124)	3.62905c(04011224)	2.20732 (04122624)	

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 4424000.0 |      1.16654 (04011124)      2.01942 (04011124)
1.72579 (04011424)      2.60797 (04021924)      2.71268 (04021924)
 4423500.0 |      1.17608 (04011124)      0.77362 (04011124)
1.05615 (04011424)      2.34968 (04021924)      0.71294 (04021924)
 4423000.0 |      0.76727 (04011124)      0.74762 (04011424)
1.26272 (04011424)      2.63137 (04021924)      2.42054 (04021924)
 4422500.0 |      1.71469 (04011424)      2.66318 (04012124)
2.71771 (04012124)      2.98482 (04021924)      3.27887 (04021924)
 4422000.0 |      5.63820c(04011324)     12.09756c(04122024)
3.09296 (04122624)      2.88861 (04120124)      3.42633c(04011324)
 4421500.0 |     20.86688c(04122024)     17.34768c(04122024)
11.60515c(04122024)      8.08491c(04011324)      5.99398c(04011224)
 4421000.0 |     14.08339c(04122024)      9.06416 (04122624)
5.90317 (04122624)      5.64017c(04122024)      3.60870 (04122624)
 4420500.0 |     13.99909c(04122024)     10.59614c(04011224)
2.83485 (04122624)      3.52948c(04011224)      2.14474 (04122624)
 4420000.0 |     12.46151 (04122624)      8.11940 (04122624)
2.62762 (04122624)      3.43679 (04021924)      3.91343 (04021924)
 4419500.0 |      5.01883 (04012724)      1.93794 (04122624)
1.67597 (04040624)      2.65254 (04021924)      4.21059 (04021924)
 4419000.0 |      5.58847 (04012724)      5.17611 (04012724)
3.18266 (04040624)      2.19827 (04021924)      1.76958 (04021924)
 4418500.0 |      2.75974 (04122624)      2.47264 (04012724)
3.79592 (04040624)      1.45800 (04021924)      0.73587 (04021924)
 4418000.0 |      2.88822 (04012724)      6.91133 (04012724)
5.04945 (04040624)      1.38760 (04012124)      0.47578 (04012024)
 4417500.0 |      3.30164 (04012724)      0.71961 (04112224)
5.29924 (04012724)      0.50494 (04022724)      0.39939 (04012024)
 4417000.0 |      2.24339 (04012724)      0.52885 (04112224)
0.59594 (04112224)      0.34668 (04011124)      0.30702 (04011124)
 4416500.0 |      1.00104c(04120424)      0.36886 (04112224)
0.36297 (04112224)      0.32495 (04011124)      0.30767 (04011124)
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 4416000.0 |      2.62569c(04120424)      0.54335 (04012024)
0.33044 (04011124)      0.38139 (04112224)      0.37766 (04012024)
 4415500.0 |      7.11445c(04122024)      0.70689 (04012024)
0.36179 (04012024)      0.42195 (04012024)      0.55798 (04012024)
 4415000.0 |      4.65325c(04122024)      9.01276c(04122024)
0.95537c(04120424)      0.59072 (04012024)      0.85192 (04012024)
 4414500.0 |      5.44588c(04122024)     10.88787c(04122024)
9.80546c(04122024)      3.29351c(04120424)      1.25936 (04012024)
 4414000.0 |      5.73053 (04031024)      5.42561c(04122024)
11.48364c(04122024)     17.69128 (04040624)     13.69095c(04120424)
 4413500.0 |      5.24265 (04012524)     11.72754 (04031024)
12.92213 (04031024)     25.46902c(04122024)     33.70083c(04120424)
 4413000.0 |     19.88062 (04012624)     29.67834 (04012624)
48.06247 (04012624)    134.59674 (04012624)    214.16735c(04122024)
 4412500.0 |      8.28640 (04123124)     16.16008 (04020424)
23.27317 (04020424)     34.61847 (04122224)     38.43375 (04122224)
 4412000.0 |     14.11948 (04122224)     14.49277 (04122224)
16.49001 (04052524)     16.33368 (04111324)     18.13375 (04111124)
 4411500.0 |      9.83455 (04111324)     11.38168 (04111324)
11.21323 (04052524)     12.17707 (04111124)     12.46668 (04022524)
 4411000.0 |      8.54664 (04111324)      7.38566 (04111324)
8.71126 (04111124)     10.09550 (04111124)     10.23162 (04052524)
 4410500.0 |      5.62353 (04110724)      5.41385 (04111124)
7.76016 (04111124)      8.28081 (04111124)      7.38702 (04111124)
 4410000.0 |      5.84326 (04110824)      6.29467 (04111124)
7.00343 (04111124)      6.98719 (04111124)      5.03580 (04111124)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***         10/26/11
                                   ***
                                   ***        14:35:06

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**MODELOPTs: RegDFAULT CONC
 ELEV

*** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: YOL   ***
INCLUDING SOURCE(S):   9ZYI9002, 9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008,
9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E, 9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K,
9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, 9ZYI900Q, 9ZYI900R, 9ZYI900S, 9ZYI900T, 9ZYI900U, 9ZYI900V, . . . ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	540500.00	541000.00	541500.00
	542000.00	542500.00	
4425000.0	1.97671c(04011324)	1.17933c(04120424)	0.34539 (04011124)
	0.23691 (04011124)	0.19763 (04011124)	
4424500.0	1.81209 (04021924)	0.73401 (04042424)	0.24143 (04010424)
	0.27902 (04010424)	0.31731 (04010424)	
4424000.0	1.34560 (04021924)	0.32043 (04010424)	

0.36601 (04010424) 0.40676 (04010424) 0.49132 (04010424)
 4423500.0 | 0.60247c(04011324) 0.87050c(04120424)
0.71331c(04120424) 0.51482 (04010424) 0.46562 (04020824)
 4423000.0 | 2.28257 (04021924) 2.04045c(04120424)
1.38477c(04120424) 0.79973 (04120124) 1.47644c(04011224)
 4422500.0 | 2.10676 (04021924) 2.23138c(04120424)
1.55643c(04120424) 1.15339 (04022624) 1.36631c(04011224)
 4422000.0 | 2.99627c(04011324) 1.93988c(04011324)
2.18282c(04011224) 0.66252c(04011224) 0.41352 (04122624)
 4421500.0 | 4.75075c(04011224) 1.43659c(04011324)
1.39274c(04120424) 0.35140 (04122624) 0.31241 (04122624)
 4421000.0 | 1.72394 (04122624) 2.38333c(04120424)
0.28610 (04011124) 0.23936 (04011124) 0.23406 (04011124)
 4420500.0 | 3.42590 (04021924) 0.95553 (04012124)
0.32585 (04022024) 0.30862 (04022024) 0.30166 (04022024)
 4420000.0 | 2.85036 (04021924) 0.40716 (04122524)
0.34896 (04022024) 0.33652 (04022024) 0.34612 (04022024)
 4419500.0 | 2.21562 (04021924) 0.42653 (04022024)
0.39438 (04022024) 0.40225 (04022024) 0.42146 (04122624)
 4419000.0 | 0.93809 (04021924) 0.47314 (04022024)
0.44693 (04022024) 0.43453 (04022024) 0.43213 (04022024)
 4418500.0 | 0.48717 (04012024) 0.41336 (04022024)
0.41284 (04022024) 0.40942 (04022024) 0.41489 (04022024)
 4418000.0 | 0.43261 (04012024) 0.32940 (04022024)
0.33547 (04022024) 0.37778 (04122624) 0.40931 (04122624)
 4417500.0 | 0.34369 (04011124) 0.28080 (04011124)
0.32482 (04122624) 0.42142 (04122624) 0.40682 (04122624)
 4417000.0 | 0.33315 (04011124) 0.25963 (04011124)
0.48045 (04122624) 0.44324 (04122624) 0.43082 (04122624)
 4416500.0 | 0.34285 (04011124) 0.34562 (04122624)
0.53821 (04122624) 0.55254 (04122624) 0.31763 (04122624)
 4416000.0 | 0.38070 (04012024) 0.51186 (04122624)

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0.57884 (04122624)      0.53685 (04122624)      0.18196 (04011124)
 4415500.0 |       0.52475 (04012024)      0.91668 (04122624)
0.63551 (04122624)      0.39677 (04122624)      0.23491 (04011124)
 4415000.0 |       0.98395 (04011424)      1.38942 (04011424)
0.64835 (04122624)      0.31322 (04020624)      0.42650 (04011124)
 4414500.0 |       2.61258 (04011424)      1.58691 (04011424)
0.67915 (04122624)      0.50562 (04020624)      0.54103 (04011124)
 4414000.0 |      14.75716 (04122624)      1.81713 (04012824)
1.37404 (04011124)      0.77903 (04011124)      0.64401 (04020824)
 4413500.0 |      42.38830c(04011224)      9.44836 (04011424)
4.96216 (04120124)      1.46263 (04020824)      1.04360 (04020824)
 4413000.0 |     189.24840c(04122024)     96.01370c(04122024)
12.84713 (04022024)      5.66265 (04122524)      3.28509 (04122524)
 4412500.0 |      29.96460 (04111324)     11.87521 (04101024)
11.90462c(04122024)      8.65833 (04122924)      1.72643 (04082924)
 4412000.0 |      22.18979 (04111124)     14.58087 (04122124)
10.59481 (04122124)      5.62059 (04122124)      4.17120 (04122124)
 4411500.0 |      11.15730 (04111124)      9.66305 (04052524)
8.40100 (04122124)      6.34393 (04122124)      4.19892 (04122124)
 4411000.0 |       8.50616 (04122124)     11.60941 (04122124)
7.83458 (04122124)      5.80896 (04122124)      5.12279 (04122124)
 4410500.0 |       5.22964 (04122124)      6.15638 (04122124)
9.53217 (04122124)      5.58907 (04122124)      5.48785 (04122124)
 4410000.0 |       3.86194c(04122024)      4.73315 (04122124)
6.67356 (04122124)      8.54333 (04122124)      5.54823 (04122124)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/26/11
                                  ***
                                  ***        14:35:06

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 **MODELOPTs:  RegDFAULT CONC
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ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: YOL *** INCLUDING SOURCE(S): 9ZYI9002, 9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008, 9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E, 9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K, 9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, 9ZYI900Q, 9ZYI900R, 9ZYI900S, 9ZYI900T, 9ZYI900U, 9ZYI900V, . . . ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)
	543000.00
4425000.0	0.25529 (04010424)
4424500.0	0.37175 (04010424)
4424000.0	0.64843c(04011224)
4423500.0	1.70789c(04011224)
4423000.0	1.10157c(04011224)
4422500.0	2.08597c(04011224)
4422000.0	0.27592 (04122624)

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4421500.0 |      0.26014 (04122624)
4421000.0 |      0.28222 (04122624)
4420500.0 |      0.32134 (04122624)
4420000.0 |      0.36337 (04122624)
4419500.0 |      0.47892 (04122624)
4419000.0 |      0.41586 (04022024)
4418500.0 |      0.39430 (04022024)
4418000.0 |      0.32843 (04022024)
4417500.0 |      0.25410 (04122624)
4417000.0 |      0.18084 (04011124)
4416500.0 |      0.17981 (04011124)
4416000.0 |      0.21222 (04011124)
4415500.0 |      0.36192 (04011124)
4415000.0 |      0.49978 (04011124)
4414500.0 |      0.42291 (04011124)
4414000.0 |      0.48188 (04020824)
4413500.0 |      0.42703 (04021024)
4413000.0 |      2.11535 (04122524)
4412500.0 |      2.85645 (04091024)
4412000.0 |      3.92230 (04101024)
4411500.0 |      4.20156 (04122124)
4411000.0 |      4.21829 (04122124)
4410500.0 |      4.66241 (04122124)
4410000.0 |      4.53446 (04122124)
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**MODELOPTs:  RegDFAULT CONC
 ELEV
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: YOL ***
INCLUDING SOURCE(S): 9ZYI9002, 9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008, 9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E, 9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K, 9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, 9ZYI900Q, 9ZYI900R, 9ZYI900S, 9ZYI900T, 9ZYI900U, 9ZYI900V, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
537268.00	4419321.00	49.64600	(04122124)
533288.00	4420664.00	42.94305c	(04011224)
530873.00	4418253.00	35.57370	(04111324)
532253.00	4419045.00	3.48381c	(04122724)
534268.00	4421987.00	19.90924c	(04011224)
536366.00	4419557.00	24.87923c	(04122024)
534987.00	4418091.00	13.98652c	(04122024)
530614.00	4415312.00	5.13781	(04111124)
538946.00	4413223.00	14.40250	(04031024)
541693.00	4411996.00	8.64293	(04122124)

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/26/11
 ***
 *** 14:35:06

 **MODELOPTs: RegDFAULT CONC
  ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B ,

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

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
1.	113.46652	(04110624)	AT	(534000.00, 4417500.00)	GC	41.	41.81709	(04110624)	AT	(532500.00, 4417500.00)	GC
2.	78.89393	(04112924)	AT	(534000.00, 4417500.00)	GC	42.	41.59755	(04042024)	AT	(534000.00, 4417500.00)	GC
3.	73.42419	(04092724)	AT	(533500.00, 4416000.00)	GC	43.	41.43074	(04121324)	AT	(534000.00, 4417500.00)	GC
4.	71.36676	(04021724)	AT	(534000.00, 4417500.00)	GC	44.	41.32570c	(04020224)	AT	(533500.00, 4417500.00)	GC
5.	63.48266	(04111324)	AT	(533500.00, 4416000.00)	GC						

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45.      40.67358 (04012624) AT ( 532500.00, 4417500.00)  GC
    6.      61.29303 (04012624) AT ( 533500.00, 4417500.00)  GC
46.      40.23744 (04041324) AT ( 533500.00, 4417000.00)  GC
    7.      59.99495 (04110624) AT ( 533500.00, 4417500.00)  GC
47.      40.11879 (04111424) AT ( 533500.00, 4416000.00)  GC
    8.      59.60503 (04091324) AT ( 533500.00, 4416000.00)  GC
48.      39.95031 (04122224) AT ( 533000.00, 4416500.00)  GC
    9.      58.45987 (04091624) AT ( 533500.00, 4416000.00)  GC
49.      39.72517 (04103024) AT ( 533500.00, 4416000.00)  GC
   10.      56.91734 (04102924) AT ( 533500.00, 4416000.00)  GC
50.      39.60920 (04080324) AT ( 534000.00, 4417500.00)  GC
   11.      56.54126 (04012624) AT ( 534000.00, 4417500.00)  GC
51.      39.18904 (04092924) AT ( 534500.00, 4417000.00)  GC
   12.      56.39709 (04012524) AT ( 534000.00, 4417500.00)  GC
52.      38.84732 (04021624) AT ( 533500.00, 4417500.00)  GC
   13.      55.85516 (04021624) AT ( 534000.00, 4417500.00)  GC
53.      38.81426 (04111324) AT ( 533000.00, 4415500.00)  GC
   14.      55.29019 (04092924) AT ( 533500.00, 4416000.00)  GC
54.      37.68432 (04112924) AT ( 533500.00, 4417500.00)  GC
   15.      54.63151 (04012624) AT ( 533000.00, 4417500.00)  GC
55.      37.59057 (04102224) AT ( 533500.00, 4416000.00)  GC
   16.      53.75914c(04110124) AT ( 533500.00, 4416000.00)  GC
56.      37.57592 (04092924) AT ( 531500.00, 4414500.00)  GC
   17.      53.67393 (04092024) AT ( 533500.00, 4416000.00)  GC
57.      37.41144 (04111224) AT ( 533500.00, 4416000.00)  GC
   18.      53.59014 (04102524) AT ( 533500.00, 4416000.00)  GC
58.      36.86356c(04010324) AT ( 534000.00, 4417500.00)  GC
   19.      51.66635 (04121224) AT ( 534000.00, 4417500.00)  GC
59.      36.44910 (04020424) AT ( 533500.00, 4417000.00)  GC
   20.      49.39726 (04110624) AT ( 532000.00, 4417500.00)  GC
60.      36.44109c(04110124) AT ( 531500.00, 4414500.00)  GC
   21.      48.62299 (04083124) AT ( 533500.00, 4416000.00)  GC
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61. 36.31680 (04030824) AT (531500.00, 4416000.00) GC
22. 48.47895 (04102424) AT (533500.00, 4416000.00) GC
62. 36.20372 (04121224) AT (533500.00, 4417500.00) GC
23. 48.07319c(04020224) AT (534000.00, 4417500.00) GC
63. 35.94543 (04020424) AT (531500.00, 4416000.00) GC
24. 46.59750 (04123124) AT (533500.00, 4417000.00) GC
64. 35.92130 (04030224) AT (533000.00, 4417000.00) GC
25. 46.58653 (04091424) AT (533500.00, 4416000.00) GC
65. 35.52587 (04083024) AT (533500.00, 4416000.00) GC
26. 46.55990 (04090824) AT (533500.00, 4416000.00) GC
66. 35.21730 (04090924) AT (533500.00, 4416000.00) GC
27. 46.29996 (04012524) AT (533500.00, 4417500.00) GC
67. 35.10330 (04041124) AT (534000.00, 4417500.00) GC
28. 46.10800 (04030224) AT (533500.00, 4417000.00) GC
68. 34.79312 (04031124) AT (533000.00, 4415500.00) GC
29. 45.36591 (04110224) AT (533500.00, 4416000.00) GC
69. 34.57389 (04011024) AT (533500.00, 4417000.00) GC
30. 44.94193 (04092124) AT (533500.00, 4416000.00) GC
70. 34.51929 (04031224) AT (533000.00, 4415500.00) GC
31. 44.91966 (04111324) AT (531500.00, 4414500.00) GC
71. 34.48969 (04092724) AT (531500.00, 4414000.00) GC
32. 44.08929 (04092624) AT (533500.00, 4416000.00) GC
72. 34.47362 (04100224) AT (533500.00, 4416000.00) GC
33. 43.56034 (04020524) AT (534000.00, 4417500.00) GC
73. 34.35506 (04102024) AT (533500.00, 4417000.00) GC
34. 43.33173 (04030224) AT (534000.00, 4417500.00) GC
74. 34.34348c(04010324) AT (533500.00, 4417500.00) GC
35. 43.31022 (04042024) AT (533500.00, 4417500.00) GC
75. 34.28010 (04122224) AT (533500.00, 4417000.00) GC
36. 42.69251 (04052224) AT (533500.00, 4416000.00) GC
76. 34.26333 (04122224) AT (532500.00, 4416500.00) GC
37. 42.22800 (04101524) AT (533500.00, 4416000.00) GC

77. 34.10027 (04110524) AT (534000.00, 4417500.00) GC
38. 42.17441 (04021724) AT (533500.00, 4417500.00) GC
78. 34.07112 (04012424) AT (534000.00, 4417500.00) GC
39. 41.97311 (04042024) AT (533000.00, 4417500.00) GC
79. 34.06348 (04082124) AT (533500.00, 4417000.00) GC
40. 41.91359 (04061324) AT (533500.00, 4416000.00) GC
80. 34.02449 (04030224) AT (532500.00, 4416500.00) GC

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/26/11
***
*** 14:35:06

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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B ,

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

RANK CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE RANK
CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE
- - - -

```
  82.      33.81481 (04103124) AT ( 533500.00, 4416000.00)  GC
122.      29.94621 (04092924) AT ( 534000.00, 4416500.00)  GC
  83.      33.60530c(04042524) AT ( 533500.00, 4416000.00)  GC
123.      29.88830 (04121324) AT ( 533500.00, 4417500.00)  GC
  84.      33.22002 (04030224) AT ( 533000.00, 4416500.00)  GC
124.      29.79113 (04021724) AT ( 532000.00, 4417500.00)  GC
  85.      33.04701 (04072924) AT ( 534000.00, 4417500.00)  GC
125.      29.76915 (04123124) AT ( 533000.00, 4416500.00)  GC
  86.      32.78175 (04032124) AT ( 534000.00, 4417500.00)  GC
126.      29.71101 (04060724) AT ( 533500.00, 4416000.00)  GC
  87.      32.64630 (04090224) AT ( 533500.00, 4416000.00)  GC
127.      29.55015 (04110924) AT ( 533500.00, 4417000.00)  GC
  88.      32.60878 (04110624) AT ( 533500.00, 4416000.00)  GC
128.      29.50341 (04042024) AT ( 532500.00, 4417500.00)  GC
  89.      32.49953 (04102424) AT ( 533000.00, 4415500.00)  GC
129.      29.24102 (04030124) AT ( 531500.00, 4416000.00)  GC
  90.      32.45355 (04102924) AT ( 531500.00, 4414000.00)  GC
130.      29.01212 (04123124) AT ( 532500.00, 4416500.00)  GC
  91.      32.42330 (04092724) AT ( 531500.00, 4414500.00)  GC
131.      28.94011 (04082224) AT ( 533000.00, 4417500.00)  GC
  92.      32.19866 (04072724) AT ( 533500.00, 4416000.00)  GC
132.      28.86698 (04092924) AT ( 533000.00, 4416000.00)  GC
  93.      32.10714c(04121924) AT ( 533000.00, 4416500.00)  GC
133.      28.85335 (04111324) AT ( 532000.00, 4415000.00)  GC
  94.      31.95221 (04071324) AT ( 533500.00, 4417000.00)  GC
134.      28.83710 (04101624) AT ( 533500.00, 4416000.00)  GC
  95.      31.81647 (04102524) AT ( 531500.00, 4414000.00)  GC
135.      28.81290 (04030224) AT ( 533500.00, 4417500.00)  GC
  96.      31.67435 (04101724) AT ( 533500.00, 4416000.00)  GC
136.      28.75373 (04092224) AT ( 533000.00, 4415500.00)  GC
  97.      31.56704 (04092824) AT ( 531500.00, 4416000.00)  GC
137.      28.68628c(04042524) AT ( 531500.00, 4414000.00)  GC
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  98.      31.56122 (04012524) AT ( 532500.00, 4417500.00)  GC
138.      28.68421 (04030924) AT ( 533500.00, 4417000.00)  GC
  99.      31.49473 (04041224) AT ( 533500.00, 4416000.00)  GC
139.      28.65387 (04123124) AT ( 533500.00, 4413500.00)  GC
 100.      31.42356 (04101224) AT ( 534000.00, 4417500.00)  GC
140.      28.64004 (04092124) AT ( 534500.00, 4417000.00)  GC
 101.      31.40531 (04011924) AT ( 533500.00, 4417500.00)  GC
141.      28.56152 (04122224) AT ( 532000.00, 4416000.00)  GC
 102.      31.06114 (04123124) AT ( 532000.00, 4416500.00)  GC
142.      28.49044 (04021724) AT ( 532500.00, 4417500.00)  GC
 103.      30.88774 (04101524) AT ( 531500.00, 4414500.00)  GC
143.      28.39846 (04102124) AT ( 533000.00, 4415500.00)  GC
 104.      30.83377 (04103124) AT ( 533500.00, 4417000.00)  GC
144.      28.32677 (04030324) AT ( 531500.00, 4416000.00)  GC
 105.      30.78564 (04102324) AT ( 533500.00, 4416000.00)  GC
145.      27.96674 (04042724) AT ( 534000.00, 4417500.00)  GC
 106.      30.67856 (04091924) AT ( 533500.00, 4416000.00)  GC
146.      27.93861 (04082224) AT ( 533500.00, 4417500.00)  GC
 107.      30.63649 (04011924) AT ( 534000.00, 4417500.00)  GC
147.      27.90464 (04090124) AT ( 531500.00, 4416000.00)  GC
 108.      30.60250 (04102724) AT ( 533500.00, 4417000.00)  GC
148.      27.89201 (04101524) AT ( 533000.00, 4416000.00)  GC
 109.      30.56495 (04042624) AT ( 533500.00, 4416000.00)  GC
149.      27.85701 (04021824) AT ( 533500.00, 4417000.00)  GC
 110.      30.55754c(04102624) AT ( 531500.00, 4416000.00)  GC
150.      27.84894 (04091624) AT ( 531500.00, 4414500.00)  GC
 111.      30.51706 (04112324) AT ( 534000.00, 4417500.00)  GC
151.      27.83638 (04082824) AT ( 533500.00, 4416000.00)  GC
 112.      30.50062 (04111324) AT ( 533000.00, 4416000.00)  GC
152.      27.81949 (04092024) AT ( 531500.00, 4414500.00)  GC
 113.      30.48709 (04080424) AT ( 533500.00, 4416000.00)  GC
153.      27.80594 (04032324) AT ( 533500.00, 4416000.00)  GC
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  114.   30.46837 (04071124) AT (534000.00, 4417500.00) GC
154.   27.78480 (04060924) AT (534000.00, 4417500.00) GC
  115.   30.34119 (04112924) AT (532000.00, 4417500.00) GC
155.   27.72414 (04021824) AT (533000.00, 4416500.00) GC
  116.   30.26204 (04071224) AT (533500.00, 4416000.00) GC
156.   27.54113c(04020224) AT (532500.00, 4417500.00) GC
  117.   30.24333 (04031124) AT (532500.00, 4415000.00) GC
157.   27.53586 (04012624) AT (532000.00, 4417500.00) GC
  118.   30.11054 (04121624) AT (533500.00, 4416000.00) GC
158.   27.34097 (04092024) AT (531500.00, 4414000.00) GC
  119.   30.04071c(04110124) AT (533000.00, 4415500.00) GC
159.   27.33773c(04122424) AT (531500.00, 4416000.00) GC
  120.   30.02837 (04102424) AT (531500.00, 4414500.00) GC
160.   27.33512 (04102424) AT (531500.00, 4414000.00) GC
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/26/11
                                  ***
                                  ***   14:35:06

                                             PAGE 109
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                  *** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 1ALT   ***
                                     INCLUDING SOURCE(S):   BACA1A ,
BACA1B ,

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

```
 RANK         CONC     (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE     RANK
       CONC     (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
  161.      27.25185 (04101624) AT ( 533000.00, 4415500.00)  GC
201.      25.17342 (04102224) AT ( 533000.00, 4416000.00)  GC
  162.      27.15365 (04041324) AT ( 532000.00, 4416500.00)  GC
202.      25.17310 (04101524) AT ( 533000.00, 4415500.00)  GC
  163.      27.15155 (04030224) AT ( 532000.00, 4416500.00)  GC
203.      25.15441 (04011024) AT ( 532000.00, 4416500.00)  GC
  164.      27.06101 (04020424) AT ( 533000.00, 4416500.00)  GC
204.      25.13337 (04122224) AT ( 533000.00, 4417000.00)  GC
  165.      27.03155 (04102324) AT ( 534500.00, 4417000.00)  GC
205.      25.12899 (04091624) AT ( 531500.00, 4414000.00)  GC
  166.      26.95629 (04111324) AT ( 531500.00, 4414000.00)  GC
206.      24.98400 (04031224) AT ( 532000.00, 4414500.00)  GC
  167.      26.93562c(04121924) AT ( 533500.00, 4417000.00)  GC
207.      24.96454 (04083124) AT ( 531500.00, 4414500.00)  GC
  168.      26.86385 (04121024) AT ( 533000.00, 4415500.00)  GC
208.      24.87531 (04102324) AT ( 531500.00, 4414500.00)  GC
  169.      26.83994 (04062524) AT ( 534000.00, 4417500.00)  GC
209.      24.85200 (04122824) AT ( 533000.00, 4416500.00)  GC
  170.      26.82351c(04121924) AT ( 532500.00, 4416500.00)  GC
210.      24.84616 (04052224) AT ( 534000.00, 4416500.00)  GC
  171.      26.70248 (04020424) AT ( 532000.00, 4416000.00)  GC
211.      24.75886 (04061224) AT ( 533500.00, 4416000.00)  GC
  172.      26.68424c(04031924) AT ( 533000.00, 4417500.00)  GC
212.      24.75603 (04080324) AT ( 533500.00, 4417500.00)  GC
  173.      26.59659 (04122924) AT ( 533500.00, 4417000.00)  GC
213.      24.75175 (04111124) AT ( 533000.00, 4410000.00)  GC
  174.      26.55724 (04102124) AT ( 533000.00, 4416000.00)  GC
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214. 24.68040c(04122724) AT (533000.00, 4415500.00) GC
175. 26.53413 (04112824) AT (534000.00, 4417500.00) GC
215. 24.64242 (04121024) AT (533000.00, 4416000.00) GC
176. 26.51923 (04012524) AT (532000.00, 4417500.00) GC
216. 24.62051 (04061124) AT (533500.00, 4416000.00) GC
177. 26.51032 (04052324) AT (533500.00, 4416000.00) GC
217. 24.60349 (04100324) AT (533000.00, 4416500.00) GC
178. 26.40420c(04020224) AT (533000.00, 4417500.00) GC
218. 24.59358 (04082224) AT (533500.00, 4416000.00) GC
179. 26.31572 (04092824) AT (534000.00, 4417500.00) GC
219. 24.56975 (04102524) AT (533000.00, 4415500.00) GC
180. 26.29096 (04020424) AT (532500.00, 4416500.00) GC
220. 24.43499 (04102424) AT (533000.00, 4416000.00) GC
181. 26.27912 (04112924) AT (534500.00, 4417500.00) GC
221. 24.39847 (04102824) AT (533500.00, 4416000.00) GC
182. 26.24410 (04011824) AT (534000.00, 4417500.00) GC
222. 24.37667 (04121224) AT (532500.00, 4417500.00) GC
183. 26.22150 (04030724) AT (533500.00, 4416000.00) GC
223. 24.35079 (04121024) AT (533500.00, 4416000.00) GC
184. 26.19159 (04091324) AT (534000.00, 4416500.00) GC
224. 24.34251 (04110224) AT (531500.00, 4414000.00) GC
185. 26.18805 (04031124) AT (532000.00, 4414500.00) GC
225. 24.31129 (04121024) AT (532500.00, 4415500.00) GC
186. 26.11009 (04021624) AT (532500.00, 4417500.00) GC
226. 24.29464 (04122824) AT (534000.00, 4417500.00) GC
187. 26.02546 (04092924) AT (533000.00, 4415500.00) GC
227. 24.28555 (04021624) AT (532000.00, 4417500.00) GC
188. 26.01236 (04122824) AT (533500.00, 4417000.00) GC
228. 24.24018 (04043024) AT (533500.00, 4416000.00) GC
189. 25.77044 (04011124) AT (533500.00, 4417000.00) GC
229. 24.23811 (04062924) AT (534000.00, 4417000.00) GC
190. 25.75563 (04012524) AT (533000.00, 4417500.00) GC

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230.      24.22690 (04101424) AT ( 533500.00, 4416000.00)  GC
  191.      25.70944 (04102524) AT ( 531500.00, 4414500.00)  GC
231.      24.13977 (04040924) AT ( 533500.00, 4416000.00)  GC
  192.      25.67745 (04031224) AT ( 532500.00, 4415000.00)  GC
232.      24.07168 (04011524) AT ( 533000.00, 4418500.00)  GC
  193.      25.59241 (04121824) AT ( 533500.00, 4416000.00)  GC
233.      24.06369 (04102124) AT ( 533500.00, 4416000.00)  GC
  194.      25.49583 (04072124) AT ( 534000.00, 4417500.00)  GC
234.      24.00681 (04082324) AT ( 533500.00, 4416000.00)  GC
  195.      25.42400 (04011824) AT ( 533000.00, 4423500.00)  GC
235.      23.94583 (04120824) AT ( 533500.00, 4417000.00)  GC
  196.      25.39643 (04121024) AT ( 532000.00, 4415000.00)  GC
236.      23.93392 (04110524) AT ( 533500.00, 4416000.00)  GC
  197.      25.36691 (04012424) AT ( 533000.00, 4418500.00)  GC
237.      23.88844 (04020424) AT ( 533500.00, 4416500.00)  GC
  198.      25.32424 (04112924) AT ( 532500.00, 4417500.00)  GC
238.      23.81799 (04091324) AT ( 531500.00, 4414500.00)  GC
  199.      25.23583 (04020524) AT ( 533500.00, 4417500.00)  GC
239.      23.77336 (04093024) AT ( 533500.00, 4416000.00)  GC
  200.      25.19376 (04092724) AT ( 534000.00, 4416500.00)  GC
240.      23.76254 (04102024) AT ( 532000.00, 4416500.00)  GC
 *** AERMOD - VERSION 09292 ***     ***  NO TITLE SPECIFIED
                                    ***         10/26/11
                                   ***
                                   ***        14:35:06

                                              PAGE 110

 **MODELOPTs:  RegDFAULT CONC
  ELEV
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*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
241.	23.72245	(04081424)	(533500.00, 4416000.00)	GC
281.	22.80952	(04110924)	(533500.00, 4416000.00)	GC
242.	23.71968	(04031124)	(532500.00, 4415500.00)	GC
282.	22.78792c	(04121924)	(532500.00, 4416000.00)	GC
243.	23.70726	(04082624)	(533500.00, 4416000.00)	GC
283.	22.77590	(04091924)	(534000.00, 4417500.00)	GC
244.	23.69249	(04092724)	(531000.00, 4413500.00)	GC
284.	22.77526	(04121224)	(533000.00, 4417500.00)	GC
245.	23.68983	(04091124)	(533500.00, 4416000.00)	GC
285.	22.76952	(04101524)	(534500.00, 4417000.00)	GC
246.	23.67727	(04020424)	(532000.00, 4416500.00)	GC
286.	22.68797c	(04110124)	(533000.00, 4416000.00)	GC
247.	23.65013	(04110624)	(534500.00, 4417500.00)	GC
287.	22.68441	(04030924)	(531500.00, 4416000.00)	GC
248.	23.59290	(04042924)	(533500.00, 4416000.00)	GC
288.	22.63139	(04041024)	(531500.00, 4416000.00)	GC
249.	23.56539	(04092124)	(534000.00, 4416500.00)	GC
289.	22.62090	(04041324)	(531500.00, 4416500.00)	GC
250.	23.56516c	(04042524)	(533000.00, 4415500.00)	GC
290.	22.60816	(04082524)	(533500.00, 4416000.00)	GC

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  251.      23.55205 (04110224) AT ( 531500.00, 4414500.00)  GC
291.      22.59429 (04102124) AT ( 532000.00, 4415000.00)  GC
  252.      23.53721 (04121624) AT ( 533000.00, 4415500.00)  GC
292.      22.57639 (04030224) AT ( 532500.00, 4417000.00)  GC
  253.      23.51488 (04041224) AT ( 531500.00, 4414500.00)  GC
293.      22.53571 (04092224) AT ( 532500.00, 4415000.00)  GC
  254.      23.50328 (04061524) AT ( 531500.00, 4416000.00)  GC
294.      22.52632 (04071324) AT ( 533000.00, 4416500.00)  GC
  255.      23.48747c(04010324) AT ( 532500.00, 4417500.00)  GC
295.      22.52372 (04092924) AT ( 529000.00, 4413000.00)  GC
  256.      23.41285 (04092124) AT ( 531500.00, 4414500.00)  GC
296.      22.50685 (04111324) AT ( 528000.00, 4411500.00)  GC
  257.      23.40467 (04121624) AT ( 531500.00, 4416000.00)  GC
297.      22.48839 (04011724) AT ( 531500.00, 4416000.00)  GC
  258.      23.39022 (04101924) AT ( 533500.00, 4416000.00)  GC
298.      22.46244 (04092724) AT ( 533000.00, 4415500.00)  GC
  259.      23.38206 (04092424) AT ( 533500.00, 4416000.00)  GC
299.      22.43210 (04102424) AT ( 532000.00, 4415000.00)  GC
  260.      23.37124 (04121624) AT ( 534000.00, 4417000.00)  GC
300.      22.39815 (04102124) AT ( 532500.00, 4415000.00)  GC
  261.      23.36463 (04102724) AT ( 531500.00, 4416000.00)  GC
301.      22.33599 (04092224) AT ( 533000.00, 4416000.00)  GC
  262.      23.27033 (04123124) AT ( 533000.00, 4417000.00)  GC
302.      22.25851 (04110524) AT ( 533500.00, 4417500.00)  GC
  263.      23.24964 (04083124) AT ( 531500.00, 4414000.00)  GC
303.      22.23224 (04122224) AT ( 532000.00, 4416500.00)  GC
  264.      23.19750 (04102224) AT ( 531500.00, 4414500.00)  GC
304.      22.22703 (04091424) AT ( 533000.00, 4415500.00)  GC
  265.      23.13771 (04122224) AT ( 532500.00, 4416000.00)  GC
305.      22.22432 (04120124) AT ( 534000.00, 4417500.00)  GC
  266.      23.12222 (04092924) AT ( 531500.00, 4415000.00)  GC
306.      22.21671 (04122824) AT ( 533000.00, 4417000.00)  GC
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  267.      23.09504 (04021824) AT ( 532500.00, 4416500.00)  GC
307.      22.21110 (04030924) AT ( 533000.00, 4415500.00)  GC
  268.      23.06682 (04031124) AT ( 533500.00, 4416000.00)  GC
308.      22.20631 (04121224) AT ( 532000.00, 4417500.00)  GC
  269.      23.05121 (04072424) AT ( 533500.00, 4416000.00)  GC
309.      22.18298 (04020124) AT ( 534000.00, 4417500.00)  GC
  270.      23.04738 (04111424) AT ( 531500.00, 4414500.00)  GC
310.      22.17666 (04103024) AT ( 531500.00, 4414000.00)  GC
  271.      23.04737 (04103124) AT ( 533000.00, 4416500.00)  GC
311.      22.14486 (04122824) AT ( 532500.00, 4416500.00)  GC
  272.      23.02838 (04103124) AT ( 532500.00, 4416500.00)  GC
312.      22.09782 (04040424) AT ( 534000.00, 4417500.00)  GC
  273.      23.01643 (04122224) AT ( 533500.00, 4416500.00)  GC
313.      22.06157 (04071324) AT ( 532500.00, 4416500.00)  GC
  274.      23.00871 (04122824) AT ( 533500.00, 4417500.00)  GC
314.      22.04005 (04102124) AT ( 532500.00, 4415500.00)  GC
  275.      22.98433 (04110524) AT ( 531500.00, 4416000.00)  GC
315.      22.01221c(04020224) AT ( 532000.00, 4417500.00)  GC
  276.      22.97757 (04091324) AT ( 531500.00, 4414000.00)  GC
316.      21.88060 (04102024) AT ( 531500.00, 4416000.00)  GC
  277.      22.94150 (04020424) AT ( 533000.00, 4417000.00)  GC
317.      21.85914 (04030924) AT ( 533000.00, 4416500.00)  GC
  278.      22.93979 (04111324) AT ( 534000.00, 4416500.00)  GC
318.      21.84871 (04031124) AT ( 532000.00, 4415000.00)  GC
  279.      22.90821 (04040724) AT ( 531500.00, 4416000.00)  GC
319.      21.80850 (04083024) AT ( 531500.00, 4414500.00)  GC
  280.      22.83323 (04052224) AT ( 534500.00, 4417000.00)  GC
320.      21.76342 (04102424) AT ( 533500.00, 4416500.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/26/11
                                   ***
                                   ***        14:35:06
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**MODELOPTs: RegDFAULT CONC
 ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
321.	21.70355	(04101524)	AT (534000.00, 4416500.00) GC	361.	20.75627	(04110524)	AT (533500.00, 4417000.00) GC
322.	21.68989	(04092224)	AT (532000.00, 4415000.00) GC	362.	20.75617	(04030924)	AT (532500.00, 4416500.00) GC
323.	21.67571c	(04031924)	AT (533500.00, 4417500.00) GC	363.	20.71919c	(04121924)	AT (533000.00, 4417000.00) GC
324.	21.66843	(04092824)	AT (534000.00, 4417000.00) GC	364.	20.70846	(04121324)	AT (533000.00, 4417500.00) GC
325.	21.45704	(04030624)	AT (534000.00, 4417500.00) GC	365.	20.69474	(04123124)	AT (531500.00, 4416500.00) GC
326.	21.43447	(04031224)	AT (532500.00, 4415500.00) GC	366.	20.66596	(04110924)	AT (533000.00, 4416500.00) GC
327.	21.42065	(04103124)	AT (531500.00, 4416000.00) GC				

367. 20.66029 (04111324) AT (534500.00, 4417000.00) GC
328. 21.40055 (04082724) AT (533500.00, 4413500.00) GC
368. 20.63506 (04121024) AT (531500.00, 4414500.00) GC
329. 21.39522 (04031624) AT (531500.00, 4416000.00) GC
369. 20.63346 (04111024) AT (533000.00, 4410000.00) GC
330. 21.37525c(04110124) AT (534000.00, 4416500.00) GC
370. 20.61448 (04102924) AT (531500.00, 4414500.00) GC
331. 21.33111 (04041224) AT (533000.00, 4415500.00) GC
371. 20.61274 (04080824) AT (533500.00, 4416000.00) GC
332. 21.30607 (04032324) AT (534000.00, 4417500.00) GC
372. 20.60410 (04080224) AT (533500.00, 4416000.00) GC
333. 21.27058 (04020424) AT (528500.00, 4414500.00) GC
373. 20.52143 (04030824) AT (533500.00, 4416000.00) GC
334. 21.26366 (04051824) AT (533500.00, 4416000.00) GC
374. 20.51384 (04123024) AT (533000.00, 4415500.00) GC
335. 21.20450 (04013124) AT (532500.00, 4415500.00) GC
375. 20.49983 (04013124) AT (533000.00, 4415500.00) GC
336. 21.17517c(04110124) AT (534500.00, 4417000.00) GC
376. 20.49316 (04121024) AT (532500.00, 4415000.00) GC
337. 21.14916 (04082124) AT (532500.00, 4416500.00) GC
377. 20.44183c(04110124) AT (531500.00, 4414000.00) GC
338. 21.13781 (04092624) AT (531500.00, 4414500.00) GC
378. 20.41688 (04121624) AT (531500.00, 4414000.00) GC
339. 21.11491 (04111224) AT (531500.00, 4414500.00) GC
379. 20.40883 (04102324) AT (533000.00, 4416000.00) GC
340. 21.06785 (04041724) AT (533500.00, 4416000.00) GC
380. 20.38243 (04091424) AT (534000.00, 4416500.00) GC
341. 21.06424 (04082224) AT (534000.00, 4417500.00) GC
381. 20.36797 (04060524) AT (531500.00, 4416000.00) GC
342. 21.04607 (04082124) AT (532000.00, 4416500.00) GC
382. 20.33698 (04092224) AT (532500.00, 4415500.00) GC
343. 20.98843 (04021824) AT (533500.00, 4416500.00) GC

383. 20.33565 (04100324) AT (532500.00, 4416500.00) GC
344. 20.98251 (04071324) AT (533500.00, 4416500.00) GC
384. 20.33056 (04101424) AT (533000.00, 4416000.00) GC
345. 20.97797 (04021624) AT (533000.00, 4417500.00) GC
385. 20.30442 (04121724) AT (531500.00, 4416000.00) GC
346. 20.95592 (04052224) AT (531500.00, 4414500.00) GC
386. 20.28599 (04121324) AT (532500.00, 4417500.00) GC
347. 20.95361 (04101524) AT (532000.00, 4415000.00) GC
387. 20.28565 (04102924) AT (533000.00, 4415500.00) GC
348. 20.94771 (04011924) AT (532500.00, 4417500.00) GC
388. 20.26694 (04082124) AT (533000.00, 4416500.00) GC
349. 20.94335 (04100324) AT (533500.00, 4417000.00) GC
389. 20.26254 (04101924) AT (533000.00, 4415500.00) GC
350. 20.91518 (04102724) AT (532000.00, 4416500.00) GC
390. 20.23425 (04030224) AT (532000.00, 4416000.00) GC
351. 20.88532 (04111324) AT (532000.00, 4414500.00) GC
391. 20.21186 (04011024) AT (533500.00, 4416000.00) GC
352. 20.88280 (04091424) AT (531500.00, 4414500.00) GC
392. 20.21072 (04102124) AT (532000.00, 4414500.00) GC
353. 20.87799 (04092224) AT (532000.00, 4414500.00) GC
393. 20.20641c(04052124) AT (533000.00, 4415500.00) GC
354. 20.87058 (04031524) AT (533500.00, 4416000.00) GC
394. 20.14055 (04092224) AT (533500.00, 4416500.00) GC
355. 20.86913 (04072524) AT (533500.00, 4416000.00) GC
395. 20.12142 (04111124) AT (533500.00, 4413500.00) GC
356. 20.86631 (04021824) AT (532500.00, 4416000.00) GC
396. 20.10360 (04112724) AT (534000.00, 4417500.00) GC
357. 20.81018 (04042024) AT (532000.00, 4417500.00) GC
397. 20.08589 (04090824) AT (531500.00, 4414000.00) GC
358. 20.80575c(04010324) AT (533000.00, 4417500.00) GC
398. 20.07792 (04051924) AT (533000.00, 4415500.00) GC
359. 20.78351 (04110924) AT (532500.00, 4416500.00) GC

399. 20.02986 (04030924) AT (533500.00, 4416000.00) GC
360. 20.77194 (04103024) AT (531500.00, 4416000.00) GC
400. 20.01235 (04042024) AT (533000.00, 4417000.00) GC
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/26/11
***
*** 14:35:06

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B ,

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

RANK CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE RANK
CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE
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  404.      19.90675 (04072624) AT ( 531500.00, 4416000.00)  GC
444.      18.94741 (04020524) AT ( 532000.00, 4417500.00)  GC
  405.      19.90332 (04093024) AT ( 531500.00, 4414000.00)  GC
445.      18.94543 (04111324) AT ( 529000.00, 4412500.00)  GC
  406.      19.90008 (04090724) AT ( 533500.00, 4416000.00)  GC
446.      18.94281 (04110724) AT ( 531500.00, 4414500.00)  GC
  407.      19.88696 (04103124) AT ( 532000.00, 4416000.00)  GC
447.      18.90915 (04091324) AT ( 534500.00, 4417000.00)  GC
  408.      19.87649 (04101424) AT ( 533000.00, 4415500.00)  GC
448.      18.88085 (04121024) AT ( 533500.00, 4416500.00)  GC
  409.      19.87500 (04100224) AT ( 531500.00, 4414500.00)  GC
449.      18.87192 (04071324) AT ( 532000.00, 4416500.00)  GC
  410.      19.83084 (04123124) AT ( 532000.00, 4416000.00)  GC
450.      18.87127 (04011024) AT ( 532500.00, 4416500.00)  GC
  411.      19.79104 (04081324) AT ( 531500.00, 4416000.00)  GC
451.      18.87110 (04030224) AT ( 532500.00, 4417500.00)  GC
  412.      19.74212 (04030824) AT ( 528500.00, 4414500.00)  GC
452.      18.85932 (04012624) AT ( 533000.00, 4417000.00)  GC
  413.      19.67747 (04060424) AT ( 533500.00, 4416000.00)  GC
453.      18.84324 (04052424) AT ( 534000.00, 4417500.00)  GC
  414.      19.67687 (04122824) AT ( 533000.00, 4417500.00)  GC
454.      18.78985 (04072324) AT ( 534000.00, 4417500.00)  GC
  415.      19.64048 (04031524) AT ( 531500.00, 4416000.00)  GC
455.      18.78246 (04101424) AT ( 531500.00, 4414500.00)  GC
  416.      19.56230 (04080424) AT ( 531500.00, 4414500.00)  GC
456.      18.77043 (04013124) AT ( 532000.00, 4415000.00)  GC
  417.      19.55718 (04061324) AT ( 531500.00, 4414000.00)  GC
457.      18.76394 (04030924) AT ( 532000.00, 4416500.00)  GC
  418.      19.54709 (04040924) AT ( 534000.00, 4417500.00)  GC
458.      18.75692 (04013124) AT ( 532500.00, 4415000.00)  GC
  419.      19.52698 (04111424) AT ( 533000.00, 4416000.00)  GC
459.      18.70821c(04121924) AT ( 533500.00, 4416500.00)  GC
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  420.      19.47277 (04080524) AT ( 533500.00, 4417000.00)  GC
460.      18.67760 (04110724) AT ( 531500.00, 4414000.00)  GC
  421.      19.45170 (04120624) AT ( 533000.00, 4415500.00)  GC
461.      18.66551 (04090224) AT ( 531500.00, 4414500.00)  GC
  422.      19.44899 (04090924) AT ( 531500.00, 4414500.00)  GC
462.      18.66497 (04091624) AT ( 534000.00, 4416500.00)  GC
  423.      19.44135c(04110124) AT ( 532000.00, 4415000.00)  GC
463.      18.59868 (04111624) AT ( 534000.00, 4417500.00)  GC
  424.      19.37815 (04103124) AT ( 532000.00, 4416500.00)  GC
464.      18.52230 (04093024) AT ( 533000.00, 4415500.00)  GC
  425.      19.33250 (04120324) AT ( 533000.00, 4417500.00)  GC
465.      18.52044 (04092924) AT ( 529000.00, 4412500.00)  GC
  426.      19.31634 (04092324) AT ( 534000.00, 4417500.00)  GC
466.      18.51667 (04102524) AT ( 531000.00, 4413500.00)  GC
  427.      19.30914 (04121724) AT ( 534000.00, 4417500.00)  GC
467.      18.48206 (04092924) AT ( 532000.00, 4415000.00)  GC
  428.      19.30614 (04101624) AT ( 531500.00, 4414000.00)  GC
468.      18.48108c(04100124) AT ( 541500.00, 4419500.00)  GC
  429.      19.30023 (04091924) AT ( 531500.00, 4414000.00)  GC
469.      18.47338 (04041824) AT ( 533500.00, 4416000.00)  GC
  430.      19.26480 (04091424) AT ( 531500.00, 4414000.00)  GC
470.      18.47323 (04083024) AT ( 531500.00, 4416500.00)  GC
  431.      19.25947 (04101924) AT ( 531500.00, 4414000.00)  GC
471.      18.46182 (04090124) AT ( 534000.00, 4417000.00)  GC
  432.      19.24123 (04092924) AT ( 531500.00, 4414000.00)  GC
472.      18.37698 (04080124) AT ( 534500.00, 4417000.00)  GC
  433.      19.23671 (04120624) AT ( 533000.00, 4416000.00)  GC
473.      18.36990 (04091624) AT ( 531000.00, 4413500.00)  GC
  434.      19.21023 (04073124) AT ( 534000.00, 4417000.00)  GC
474.      18.35644 (04031224) AT ( 532000.00, 4415000.00)  GC
  435.      19.20070 (04033124) AT ( 534000.00, 4417000.00)  GC
475.      18.34250 (04012524) AT ( 533500.00, 4418000.00)  GC
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  436.   19.17976 (04031124) AT (532000.00, 4414000.00) GC
476.   18.32149 (04110624) AT (531500.00, 4414000.00) GC
  437.   19.17811 (04082224) AT (532500.00, 4417500.00) GC
477.   18.31166 (04122924) AT (533000.00, 4416500.00) GC
  438.   19.15071 (04100624) AT (534000.00, 4417500.00) GC
478.   18.31048 (04030924) AT (532000.00, 4416000.00) GC
  439.   19.14127 (04092924) AT (528500.00, 4412500.00) GC
479.   18.30548 (04122824) AT (531500.00, 4416000.00) GC
  440.   19.07342 (04092724) AT (528000.00, 4411000.00) GC
480.   18.29357 (04101124) AT (533500.00, 4416000.00) GC
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/26/11
                                  ***
                                  ***   14:35:06

                                             PAGE 113
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                  *** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 1ALT   ***
                                    INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   ,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE
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  481.      18.28623c(04010324) AT ( 532000.00, 4417500.00)  GC
491.      18.15338 (04050524) AT ( 533500.00, 4416000.00)  GC
  482.      18.25626 (04072124) AT ( 534500.00, 4417500.00)  GC
492.      18.12534 (04050124) AT ( 533500.00, 4416000.00)  GC
  483.      18.23272 (04092024) AT ( 534000.00, 4416500.00)  GC
493.      18.11055 (04030224) AT ( 532000.00, 4417500.00)  GC
  484.      18.21393 (04103124) AT ( 533500.00, 4416500.00)  GC
494.      18.09357 (04111324) AT ( 528000.00, 4412000.00)  GC
  485.      18.20844 (04020424) AT ( 534000.00, 4417000.00)  GC
495.      18.08242 (04102524) AT ( 534000.00, 4416500.00)  GC
  486.      18.20621 (04052324) AT ( 534000.00, 4416500.00)  GC
496.      18.08055 (04110924) AT ( 533000.00, 4417000.00)  GC
  487.      18.20496 (04063024) AT ( 533500.00, 4416000.00)  GC
497.      18.07004 (04103024) AT ( 531500.00, 4414500.00)  GC
  488.      18.20363 (04080824) AT ( 534500.00, 4417000.00)  GC
498.      18.06072 (04071024) AT ( 533500.00, 4416000.00)  GC
  489.      18.20008 (04080924) AT ( 533500.00, 4416000.00)  GC
499.      18.03493 (04031024) AT ( 533500.00, 4418000.00)  GC
  490.      18.17789 (04062624) AT ( 534000.00, 4417500.00)  GC
500.      18.03273 (04092024) AT ( 533000.00, 4415500.00)  GC

  *** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                   ***       14:35:06

                                             PAGE 114
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**MODELOPTs: RegDFAULT CONC
 ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT *** INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

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

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
1.	113.47134	(04110624)	AT	(534000.00, 4417500.00)	GC	41.	41.81875	(04110624)	AT	(532500.00, 4417500.00)	GC
2.	78.90143	(04112924)	AT	(534000.00, 4417500.00)	GC	42.	41.59909	(04042024)	AT	(534000.00, 4417500.00)	GC
3.	73.42659	(04092724)	AT	(533500.00, 4416000.00)	GC	43.	41.43097	(04121324)	AT	(534000.00, 4417500.00)	GC
4.	71.37112	(04021724)	AT	(534000.00, 4417500.00)	GC	44.	41.32894c	(04020224)	AT	(533500.00, 4417500.00)	GC
5.	63.48476	(04111324)	AT	(533500.00, 4416000.00)	GC	45.	40.68008	(04012624)	AT	(532500.00, 4417500.00)	GC
6.	61.30374	(04012624)	AT	(533500.00, 4417500.00)	GC	46.	40.24204	(04041324)	AT	(533500.00, 4417000.00)	GC
7.	59.99778	(04110624)	AT	(533500.00, 4417500.00)	GC	47.	40.12394	(04111424)	AT	(533500.00, 4416000.00)	GC
8.	59.61218	(04091324)	AT	(533500.00, 4416000.00)	GC						

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48.      39.95370 (04122224) AT ( 533000.00, 4416500.00)  GC
    9.      58.46192 (04091624) AT ( 533500.00, 4416000.00)  GC
49.      39.72598 (04103024) AT ( 533500.00, 4416000.00)  GC
   10.      56.91769 (04102924) AT ( 533500.00, 4416000.00)  GC
50.      39.61409 (04080324) AT ( 534000.00, 4417500.00)  GC
   11.      56.55850 (04012624) AT ( 534000.00, 4417500.00)  GC
51.      39.20276 (04092924) AT ( 534500.00, 4417000.00)  GC
   12.      56.40506 (04012524) AT ( 534000.00, 4417500.00)  GC
52.      38.84739 (04021624) AT ( 533500.00, 4417500.00)  GC
   13.      55.85532 (04021624) AT ( 534000.00, 4417500.00)  GC
53.      38.81577 (04111324) AT ( 533000.00, 4415500.00)  GC
   14.      55.29230 (04092924) AT ( 533500.00, 4416000.00)  GC
54.      37.68886 (04112924) AT ( 533500.00, 4417500.00)  GC
   15.      54.63947 (04012624) AT ( 533000.00, 4417500.00)  GC
55.      37.59490 (04102224) AT ( 533500.00, 4416000.00)  GC
   16.      53.75987c(04110124) AT ( 533500.00, 4416000.00)  GC
56.      37.57651 (04092924) AT ( 531500.00, 4414500.00)  GC
   17.      53.67591 (04092024) AT ( 533500.00, 4416000.00)  GC
57.      37.41717 (04111224) AT ( 533500.00, 4416000.00)  GC
   18.      53.59201 (04102524) AT ( 533500.00, 4416000.00)  GC
58.      36.87311c(04010324) AT ( 534000.00, 4417500.00)  GC
   19.      51.66802 (04121224) AT ( 534000.00, 4417500.00)  GC
59.      36.45098 (04020424) AT ( 533500.00, 4417000.00)  GC
   20.      49.39867 (04110624) AT ( 532000.00, 4417500.00)  GC
60.      36.44149c(04110124) AT ( 531500.00, 4414500.00)  GC
   21.      48.62997 (04083124) AT ( 533500.00, 4416000.00)  GC
61.      36.31955 (04030824) AT ( 531500.00, 4416000.00)  GC
   22.      48.47995 (04102424) AT ( 533500.00, 4416000.00)  GC
62.      36.20457 (04121224) AT ( 533500.00, 4417500.00)  GC
   23.      48.07962c(04020224) AT ( 534000.00, 4417500.00)  GC
63.      35.94643 (04020424) AT ( 531500.00, 4416000.00)  GC
   24.      46.59940 (04123124) AT ( 533500.00, 4417000.00)  GC
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64. 35.92247 (04030224) AT (533000.00, 4417000.00) GC
25. 46.58866 (04091424) AT (533500.00, 4416000.00) GC
65. 35.52676 (04083024) AT (533500.00, 4416000.00) GC
26. 46.56154 (04090824) AT (533500.00, 4416000.00) GC
66. 35.21797 (04090924) AT (533500.00, 4416000.00) GC
27. 46.30404 (04012524) AT (533500.00, 4417500.00) GC
67. 35.10679 (04041124) AT (534000.00, 4417500.00) GC
28. 46.11007 (04030224) AT (533500.00, 4417000.00) GC
68. 34.79315 (04031124) AT (533000.00, 4415500.00) GC
29. 45.36750 (04110224) AT (533500.00, 4416000.00) GC
69. 34.58731 (04011024) AT (533500.00, 4417000.00) GC
30. 44.94421 (04092124) AT (533500.00, 4416000.00) GC
70. 34.51956 (04031224) AT (533000.00, 4415500.00) GC
31. 44.92089 (04111324) AT (531500.00, 4414500.00) GC
71. 34.49093 (04092724) AT (531500.00, 4414000.00) GC
32. 44.09033 (04092624) AT (533500.00, 4416000.00) GC
72. 34.47640 (04100224) AT (533500.00, 4416000.00) GC
33. 43.56105 (04020524) AT (534000.00, 4417500.00) GC
73. 34.35937 (04102024) AT (533500.00, 4417000.00) GC
34. 43.33325 (04030224) AT (534000.00, 4417500.00) GC
74. 34.34942c(04010324) AT (533500.00, 4417500.00) GC
35. 43.31098 (04042024) AT (533500.00, 4417500.00) GC
75. 34.28326 (04122224) AT (533500.00, 4417000.00) GC
36. 42.69633 (04052224) AT (533500.00, 4416000.00) GC
76. 34.26528 (04122224) AT (532500.00, 4416500.00) GC
37. 42.22855 (04101524) AT (533500.00, 4416000.00) GC
77. 34.10266 (04110524) AT (534000.00, 4417500.00) GC
38. 42.17666 (04021724) AT (533500.00, 4417500.00) GC
78. 34.10185 (04012424) AT (534000.00, 4417500.00) GC
39. 41.97357 (04042024) AT (533000.00, 4417500.00) GC
79. 34.06824 (04082124) AT (533500.00, 4417000.00) GC
40. 41.92298 (04061324) AT (533500.00, 4416000.00) GC

80. 34.02561 (04030224) AT (532500.00, 4416500.00) GC
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/26/11
 ***
 *** 14:35:06

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 **MODELOPTs: RegDFAULT CONC
  ELEV

 *** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
 INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT.,

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

 RANK CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE RANK
  CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE
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   85.      33.04849 (04072924) AT ( 534000.00, 4417500.00)  GC
125.      29.77054 (04123124) AT ( 533000.00, 4416500.00)  GC
   86.      32.78193 (04032124) AT ( 534000.00, 4417500.00)  GC
126.      29.71448 (04060724) AT ( 533500.00, 4416000.00)  GC
   87.      32.65244 (04090224) AT ( 533500.00, 4416000.00)  GC
127.      29.55283 (04110924) AT ( 533500.00, 4417000.00)  GC
   88.      32.60984 (04110624) AT ( 533500.00, 4416000.00)  GC
128.      29.50374 (04042024) AT ( 532500.00, 4417500.00)  GC
   89.      32.50012 (04102424) AT ( 533000.00, 4415500.00)  GC
129.      29.24113 (04030124) AT ( 531500.00, 4416000.00)  GC
   90.      32.45386 (04102924) AT ( 531500.00, 4414000.00)  GC
130.      29.01332 (04123124) AT ( 532500.00, 4416500.00)  GC
   91.      32.42416 (04092724) AT ( 531500.00, 4414500.00)  GC
131.      28.94071 (04082224) AT ( 533000.00, 4417500.00)  GC
   92.      32.20011 (04072724) AT ( 533500.00, 4416000.00)  GC
132.      28.86823 (04092924) AT ( 533000.00, 4416000.00)  GC
   93.      32.10907c(04121924) AT ( 533000.00, 4416500.00)  GC
133.      28.85467 (04111324) AT ( 532000.00, 4415000.00)  GC
   94.      31.95234 (04071324) AT ( 533500.00, 4417000.00)  GC
134.      28.83776 (04101624) AT ( 533500.00, 4416000.00)  GC
   95.      31.81742 (04102524) AT ( 531500.00, 4414000.00)  GC
135.      28.81355 (04030224) AT ( 533500.00, 4417500.00)  GC
   96.      31.67475 (04101724) AT ( 533500.00, 4416000.00)  GC
136.      28.75446 (04092224) AT ( 533000.00, 4415500.00)  GC
   97.      31.56776 (04092824) AT ( 531500.00, 4416000.00)  GC
137.      28.68715c(04042524) AT ( 531500.00, 4414000.00)  GC
   98.      31.56332 (04012524) AT ( 532500.00, 4417500.00)  GC
138.      28.68594 (04030924) AT ( 533500.00, 4417000.00)  GC
   99.      31.49550 (04041224) AT ( 533500.00, 4416000.00)  GC
139.      28.65429 (04092124) AT ( 534500.00, 4417000.00)  GC
  100.      31.42398 (04101224) AT ( 534000.00, 4417500.00)  GC
140.      28.65407 (04123124) AT ( 533500.00, 4413500.00)  GC
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  101.      31.41340 (04011924) AT ( 533500.00, 4417500.00)  GC
141.      28.56390 (04122224) AT ( 532000.00, 4416000.00)  GC
  102.      31.06218 (04123124) AT ( 532000.00, 4416500.00)  GC
142.      28.49159 (04021724) AT ( 532500.00, 4417500.00)  GC
  103.      30.88809 (04101524) AT ( 531500.00, 4414500.00)  GC
143.      28.39978 (04102124) AT ( 533000.00, 4415500.00)  GC
  104.      30.83481 (04103124) AT ( 533500.00, 4417000.00)  GC
144.      28.32730 (04030324) AT ( 531500.00, 4416000.00)  GC
  105.      30.78668 (04102324) AT ( 533500.00, 4416000.00)  GC
145.      27.97102 (04042724) AT ( 534000.00, 4417500.00)  GC
  106.      30.68369 (04091924) AT ( 533500.00, 4416000.00)  GC
146.      27.93962 (04082224) AT ( 533500.00, 4417500.00)  GC
  107.      30.65128 (04011924) AT ( 534000.00, 4417500.00)  GC
147.      27.90505 (04090124) AT ( 531500.00, 4416000.00)  GC
  108.      30.61395 (04102724) AT ( 533500.00, 4417000.00)  GC
148.      27.89236 (04101524) AT ( 533000.00, 4416000.00)  GC
  109.      30.57102 (04042624) AT ( 533500.00, 4416000.00)  GC
149.      27.86111 (04021824) AT ( 533500.00, 4417000.00)  GC
  110.      30.55779c(04102624) AT ( 531500.00, 4416000.00)  GC
150.      27.85005 (04091624) AT ( 531500.00, 4414500.00)  GC
  111.      30.51737 (04112324) AT ( 534000.00, 4417500.00)  GC
151.      27.83872 (04082824) AT ( 533500.00, 4416000.00)  GC
  112.      30.50266 (04111324) AT ( 533000.00, 4416000.00)  GC
152.      27.82027 (04092024) AT ( 531500.00, 4414500.00)  GC
  113.      30.48915 (04080424) AT ( 533500.00, 4416000.00)  GC
153.      27.80882 (04032324) AT ( 533500.00, 4416000.00)  GC
  114.      30.47381 (04071124) AT ( 534000.00, 4417500.00)  GC
154.      27.78537 (04060924) AT ( 534000.00, 4417500.00)  GC
  115.      30.34442 (04112924) AT ( 532000.00, 4417500.00)  GC
155.      27.72543 (04021824) AT ( 533000.00, 4416500.00)  GC
  116.      30.26777 (04071224) AT ( 533500.00, 4416000.00)  GC
156.      27.54257c(04020224) AT ( 532500.00, 4417500.00)  GC
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  117.   30.24335 (04031124) AT (532500.00, 4415000.00) GC
157.   27.54141 (04012624) AT (532000.00, 4417500.00) GC
  118.   30.11124 (04121624) AT (533500.00, 4416000.00) GC
158.   27.34186 (04092024) AT (531500.00, 4414000.00) GC
  119.   30.04116c(04110124) AT (533000.00, 4415500.00) GC
159.   27.33810c(04122424) AT (531500.00, 4416000.00) GC
  120.   30.02885 (04102424) AT (531500.00, 4414500.00) GC
160.   27.33556 (04102424) AT (531500.00, 4414000.00) GC
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/26/11
                                  ***
                                  ***   14:35:06

                                             PAGE 116
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 2ALT   ***
                                    INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   , ON.ISIT.,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE
 -
- -
  161.   27.25233 (04101624) AT (533000.00, 4415500.00) GC

201. 25.17715 (04102224) AT (533000.00, 4416000.00) GC
162. 27.15539 (04041324) AT (532000.00, 4416500.00) GC
202. 25.17341 (04101524) AT (533000.00, 4415500.00) GC
163. 27.15244 (04030224) AT (532000.00, 4416500.00) GC
203. 25.16244 (04011024) AT (532000.00, 4416500.00) GC
164. 27.06184 (04020424) AT (533000.00, 4416500.00) GC
204. 25.13529 (04122224) AT (533000.00, 4417000.00) GC
165. 27.03839 (04102324) AT (534500.00, 4417000.00) GC
205. 25.13042 (04091624) AT (531500.00, 4414000.00) GC
166. 26.95731 (04111324) AT (531500.00, 4414000.00) GC
206. 24.98416 (04031224) AT (532000.00, 4414500.00) GC
167. 26.94624c(04121924) AT (533500.00, 4417000.00) GC
207. 24.96709 (04083124) AT (531500.00, 4414500.00) GC
168. 26.86515 (04121024) AT (533000.00, 4415500.00) GC
208. 24.87572 (04102324) AT (531500.00, 4414500.00) GC
169. 26.84221 (04062524) AT (534000.00, 4417500.00) GC
209. 24.85637 (04052224) AT (534000.00, 4416500.00) GC
170. 26.82762c(04121924) AT (532500.00, 4416500.00) GC
210. 24.85334 (04122824) AT (533000.00, 4416500.00) GC
171. 26.70294 (04020424) AT (532000.00, 4416000.00) GC
211. 24.76510 (04061224) AT (533500.00, 4416000.00) GC
172. 26.68510c(04031924) AT (533000.00, 4417500.00) GC
212. 24.75820 (04080324) AT (533500.00, 4417500.00) GC
173. 26.60088 (04122924) AT (533500.00, 4417000.00) GC
213. 24.75221 (04111124) AT (533000.00, 4410000.00) GC
174. 26.56008 (04102124) AT (533000.00, 4416000.00) GC
214. 24.69329c(04122724) AT (533000.00, 4415500.00) GC
175. 26.53437 (04112824) AT (534000.00, 4417500.00) GC
215. 24.64953 (04121024) AT (533000.00, 4416000.00) GC
176. 26.52141 (04012524) AT (532000.00, 4417500.00) GC
216. 24.62296 (04061124) AT (533500.00, 4416000.00) GC
177. 26.51128 (04052324) AT (533500.00, 4416000.00) GC

217. 24.60491 (04100324) AT (533000.00, 4416500.00) GC
178. 26.40621c(04020224) AT (533000.00, 4417500.00) GC
218. 24.59570 (04082224) AT (533500.00, 4416000.00) GC
179. 26.32043 (04092824) AT (534000.00, 4417500.00) GC
219. 24.57104 (04102524) AT (533000.00, 4415500.00) GC
180. 26.29487 (04112924) AT (534500.00, 4417500.00) GC
220. 24.43603 (04102424) AT (533000.00, 4416000.00) GC
181. 26.29179 (04020424) AT (532500.00, 4416500.00) GC
221. 24.39893 (04102824) AT (533500.00, 4416000.00) GC
182. 26.24769 (04011824) AT (534000.00, 4417500.00) GC
222. 24.37708 (04121224) AT (532500.00, 4417500.00) GC
183. 26.23134 (04030724) AT (533500.00, 4416000.00) GC
223. 24.35418 (04121024) AT (533500.00, 4416000.00) GC
184. 26.20405 (04091324) AT (534000.00, 4416500.00) GC
224. 24.34340 (04110224) AT (531500.00, 4414000.00) GC
185. 26.18806 (04031124) AT (532000.00, 4414500.00) GC
225. 24.31484 (04121024) AT (532500.00, 4415500.00) GC
186. 26.11012 (04021624) AT (532500.00, 4417500.00) GC
226. 24.30268 (04122824) AT (534000.00, 4417500.00) GC
187. 26.02666 (04092924) AT (533000.00, 4415500.00) GC
227. 24.28558 (04021624) AT (532000.00, 4417500.00) GC
188. 26.01387 (04122824) AT (533500.00, 4417000.00) GC
228. 24.25542 (04062924) AT (534000.00, 4417000.00) GC
189. 25.77107 (04011124) AT (533500.00, 4417000.00) GC
229. 24.24807 (04043024) AT (533500.00, 4416000.00) GC
190. 25.75810 (04012524) AT (533000.00, 4417500.00) GC
230. 24.23732 (04101424) AT (533500.00, 4416000.00) GC
191. 25.71038 (04102524) AT (531500.00, 4414500.00) GC
231. 24.14077 (04040924) AT (533500.00, 4416000.00) GC
192. 25.67764 (04031224) AT (532500.00, 4415000.00) GC
232. 24.07626 (04011524) AT (533000.00, 4418500.00) GC
193. 25.59757 (04121824) AT (533500.00, 4416000.00) GC

233. 24.06729 (04102124) AT (533500.00, 4416000.00) GC
194. 25.50050 (04072124) AT (534000.00, 4417500.00) GC
234. 24.00749 (04082324) AT (533500.00, 4416000.00) GC
195. 25.42555 (04011824) AT (533000.00, 4423500.00) GC
235. 23.95456 (04120824) AT (533500.00, 4417000.00) GC
196. 25.39969 (04121024) AT (532000.00, 4415000.00) GC
236. 23.93443 (04110524) AT (533500.00, 4416000.00) GC
197. 25.37271 (04012424) AT (533000.00, 4418500.00) GC
237. 23.89013 (04020424) AT (533500.00, 4416500.00) GC
198. 25.32743 (04112924) AT (532500.00, 4417500.00) GC
238. 23.82050 (04091324) AT (531500.00, 4414500.00) GC
199. 25.23620 (04020524) AT (533500.00, 4417500.00) GC
239. 23.78040 (04093024) AT (533500.00, 4416000.00) GC
200. 25.19910 (04092724) AT (534000.00, 4416500.00) GC
240. 23.76512 (04102024) AT (532000.00, 4416500.00) GC

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/26/11
***
*** 14:35:06

PAGE 117

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT.,

** CONC OF NOX IN

MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK
241.	23.72339	(04081424)	AT	(533500.00, 4416000.00)	GC	
281.	22.81102	(04110924)	AT	(533500.00, 4416000.00)	GC	
242.	23.71970	(04031124)	AT	(532500.00, 4415500.00)	GC	
282.	22.78859c	(04121924)	AT	(532500.00, 4416000.00)	GC	
243.	23.71447	(04082624)	AT	(533500.00, 4416000.00)	GC	
283.	22.78028	(04091924)	AT	(534000.00, 4417500.00)	GC	
244.	23.69478	(04092724)	AT	(531000.00, 4413500.00)	GC	
284.	22.77581	(04121224)	AT	(533000.00, 4417500.00)	GC	
245.	23.69185	(04091124)	AT	(533500.00, 4416000.00)	GC	
285.	22.77308	(04101524)	AT	(534500.00, 4417000.00)	GC	
246.	23.67881	(04020424)	AT	(532000.00, 4416500.00)	GC	
286.	22.68855c	(04110124)	AT	(533000.00, 4416000.00)	GC	
247.	23.66319	(04110624)	AT	(534500.00, 4417500.00)	GC	
287.	22.68519	(04030924)	AT	(531500.00, 4416000.00)	GC	
248.	23.59470	(04042924)	AT	(533500.00, 4416000.00)	GC	
288.	22.63167	(04041024)	AT	(531500.00, 4416000.00)	GC	
249.	23.57034	(04092124)	AT	(534000.00, 4416500.00)	GC	
289.	22.62198	(04041324)	AT	(531500.00, 4416500.00)	GC	
250.	23.56629c	(04042524)	AT	(533000.00, 4415500.00)	GC	
290.	22.61422	(04082524)	AT	(533500.00, 4416000.00)	GC	
251.	23.55284	(04110224)	AT	(531500.00, 4414500.00)	GC	
291.	22.59571	(04102124)	AT	(532000.00, 4415000.00)	GC	
252.	23.53760	(04121624)	AT	(533000.00, 4415500.00)	GC	
292.	22.57712	(04030224)	AT	(532500.00, 4417000.00)	GC	
253.	23.51515	(04041224)	AT	(531500.00, 4414500.00)	GC	
293.	22.53620	(04092224)	AT	(532500.00, 4415000.00)	GC	

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  254.      23.50573 (04061524) AT ( 531500.00, 4416000.00)  GC
294.      22.52639 (04071324) AT ( 533000.00, 4416500.00)  GC
  255.      23.49131c(04010324) AT ( 532500.00, 4417500.00)  GC
295.      22.52544 (04092924) AT ( 529000.00, 4413000.00)  GC
  256.      23.41359 (04092124) AT ( 531500.00, 4414500.00)  GC
296.      22.50763 (04111324) AT ( 528000.00, 4411500.00)  GC
  257.      23.40574 (04121624) AT ( 531500.00, 4416000.00)  GC
297.      22.49150 (04011724) AT ( 531500.00, 4416000.00)  GC
  258.      23.39098 (04101924) AT ( 533500.00, 4416000.00)  GC
298.      22.46371 (04092724) AT ( 533000.00, 4415500.00)  GC
  259.      23.38247 (04092424) AT ( 533500.00, 4416000.00)  GC
299.      22.43261 (04102424) AT ( 532000.00, 4415000.00)  GC
  260.      23.37459 (04121624) AT ( 534000.00, 4417000.00)  GC
300.      22.39903 (04102124) AT ( 532500.00, 4415000.00)  GC
  261.      23.36851 (04102724) AT ( 531500.00, 4416000.00)  GC
301.      22.33695 (04092224) AT ( 533000.00, 4416000.00)  GC
  262.      23.27171 (04123124) AT ( 533000.00, 4417000.00)  GC
302.      22.25966 (04110524) AT ( 533500.00, 4417500.00)  GC
  263.      23.25227 (04083124) AT ( 531500.00, 4414000.00)  GC
303.      22.23356 (04122224) AT ( 532000.00, 4416500.00)  GC
  264.      23.20020 (04102224) AT ( 531500.00, 4414500.00)  GC
304.      22.22849 (04091424) AT ( 533000.00, 4415500.00)  GC
  265.      23.14133 (04122224) AT ( 532500.00, 4416000.00)  GC
305.      22.22495 (04120124) AT ( 534000.00, 4417500.00)  GC
  266.      23.12364 (04092924) AT ( 531500.00, 4415000.00)  GC
306.      22.21735 (04122824) AT ( 533000.00, 4417000.00)  GC
  267.      23.09719 (04021824) AT ( 532500.00, 4416500.00)  GC
307.      22.21161 (04030924) AT ( 533000.00, 4415500.00)  GC
  268.      23.06689 (04031124) AT ( 533500.00, 4416000.00)  GC
308.      22.20664 (04121224) AT ( 532000.00, 4417500.00)  GC
  269.      23.05919 (04072424) AT ( 533500.00, 4416000.00)  GC
309.      22.18358 (04020124) AT ( 534000.00, 4417500.00)  GC
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  270.      23.05132 (04111424) AT ( 531500.00, 4414500.00)  GC
310.      22.17709 (04103024) AT ( 531500.00, 4414000.00)  GC
  271.      23.04793 (04103124) AT ( 533000.00, 4416500.00)  GC
311.      22.14609 (04122824) AT ( 532500.00, 4416500.00)  GC
  272.      23.02880 (04103124) AT ( 532500.00, 4416500.00)  GC
312.      22.10171 (04040424) AT ( 534000.00, 4417500.00)  GC
  273.      23.02274 (04122224) AT ( 533500.00, 4416500.00)  GC
313.      22.06162 (04071324) AT ( 532500.00, 4416500.00)  GC
  274.      23.01061 (04122824) AT ( 533500.00, 4417500.00)  GC
314.      22.04130 (04102124) AT ( 532500.00, 4415500.00)  GC
  275.      22.98675 (04110524) AT ( 531500.00, 4416000.00)  GC
315.      22.01338c(04020224) AT ( 532000.00, 4417500.00)  GC
  276.      22.98035 (04091324) AT ( 531500.00, 4414000.00)  GC
316.      21.88168 (04102024) AT ( 531500.00, 4416000.00)  GC
  277.      22.94344 (04111324) AT ( 534000.00, 4416500.00)  GC
317.      21.86024 (04030924) AT ( 533000.00, 4416500.00)  GC
  278.      22.94215 (04020424) AT ( 533000.00, 4417000.00)  GC
318.      21.84873 (04031124) AT ( 532000.00, 4415000.00)  GC
  279.      22.90845 (04040724) AT ( 531500.00, 4416000.00)  GC
319.      21.80885 (04083024) AT ( 531500.00, 4414500.00)  GC
  280.      22.85976 (04052224) AT ( 534500.00, 4417000.00)  GC
320.      21.76518 (04102424) AT ( 533500.00, 4416500.00)  GC
 *** AERMOD - VERSION 09292 ***     ***  NO TITLE SPECIFIED
                                    ***         10/26/11
                                   ***
                                   ***         14:35:06

                                                PAGE 118

 **MODELOPTs:  RegDFAULT CONC
  ELEV
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*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE		RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
321.	21.70480	(04101524)	AT (534000.00, 4416500.00)	GC	361.	20.76095	(04110524)	AT (533500.00, 4417000.00)	GC
322.	21.69035	(04092224)	AT (532000.00, 4415000.00)	GC	362.	20.75715	(04030924)	AT (532500.00, 4416500.00)	GC
323.	21.67708c	(04031924)	AT (533500.00, 4417500.00)	GC	363.	20.72482c	(04121924)	AT (533000.00, 4417000.00)	GC
324.	21.67419	(04092824)	AT (534000.00, 4417000.00)	GC	364.	20.70853	(04121324)	AT (533000.00, 4417500.00)	GC
325.	21.46340	(04030624)	AT (534000.00, 4417500.00)	GC	365.	20.69562	(04123124)	AT (531500.00, 4416500.00)	GC
326.	21.43474	(04031224)	AT (532500.00, 4415500.00)	GC	366.	20.66962	(04111324)	AT (534500.00, 4417000.00)	GC
327.	21.42090	(04103124)	AT (531500.00, 4416000.00)	GC	367.	20.66791	(04110924)	AT (533000.00, 4416500.00)	GC
328.	21.40099	(04082724)	AT (533500.00, 4413500.00)	GC	368.	20.63788	(04121024)	AT (531500.00, 4414500.00)	GC
329.	21.39878	(04031624)	AT (531500.00, 4416000.00)	GC	369.	20.63372	(04111024)	AT (533000.00, 4410000.00)	GC
330.	21.37674c	(04110124)	AT (534000.00, 4416500.00)	GC					

370. 20.61941 (04080824) AT (533500.00, 4416000.00) GC
331. 21.33158 (04041224) AT (533000.00, 4415500.00) GC
371. 20.61483 (04102924) AT (531500.00, 4414500.00) GC
332. 21.30737 (04032324) AT (534000.00, 4417500.00) GC
372. 20.61441 (04080224) AT (533500.00, 4416000.00) GC
333. 21.27081 (04020424) AT (528500.00, 4414500.00) GC
373. 20.52308 (04030824) AT (533500.00, 4416000.00) GC
334. 21.26602 (04051824) AT (533500.00, 4416000.00) GC
374. 20.51429 (04123024) AT (533000.00, 4415500.00) GC
335. 21.21023 (04013124) AT (532500.00, 4415500.00) GC
375. 20.50676 (04013124) AT (533000.00, 4415500.00) GC
336. 21.17947c(04110124) AT (534500.00, 4417000.00) GC
376. 20.49379 (04121024) AT (532500.00, 4415000.00) GC
337. 21.15075 (04082124) AT (532500.00, 4416500.00) GC
377. 20.44210c(04110124) AT (531500.00, 4414000.00) GC
338. 21.13835 (04092624) AT (531500.00, 4414500.00) GC
378. 20.41718 (04121624) AT (531500.00, 4414000.00) GC
339. 21.11659 (04111224) AT (531500.00, 4414500.00) GC
379. 20.40979 (04102324) AT (533000.00, 4416000.00) GC
340. 21.07849 (04041724) AT (533500.00, 4416000.00) GC
380. 20.38647 (04091424) AT (534000.00, 4416500.00) GC
341. 21.06632 (04082224) AT (534000.00, 4417500.00) GC
381. 20.36855 (04060524) AT (531500.00, 4416000.00) GC
342. 21.04823 (04082124) AT (532000.00, 4416500.00) GC
382. 20.33760 (04092224) AT (532500.00, 4415500.00) GC
343. 20.99149 (04021824) AT (533500.00, 4416500.00) GC
383. 20.33705 (04100324) AT (532500.00, 4416500.00) GC
344. 20.98264 (04071324) AT (533500.00, 4416500.00) GC
384. 20.33595 (04101424) AT (533000.00, 4416000.00) GC
345. 20.97801 (04021624) AT (533000.00, 4417500.00) GC
385. 20.31064 (04121724) AT (531500.00, 4416000.00) GC
346. 20.95887 (04052224) AT (531500.00, 4414500.00) GC

386. 20.28604 (04121324) AT (532500.00, 4417500.00) GC
347. 20.95381 (04101524) AT (532000.00, 4415000.00) GC
387. 20.28577 (04102924) AT (533000.00, 4415500.00) GC
348. 20.95353 (04011924) AT (532500.00, 4417500.00) GC
388. 20.26783 (04082124) AT (533000.00, 4416500.00) GC
349. 20.94584 (04100324) AT (533500.00, 4417000.00) GC
389. 20.26313 (04101924) AT (533000.00, 4415500.00) GC
350. 20.92040 (04102724) AT (532000.00, 4416500.00) GC
390. 20.23505 (04030224) AT (532000.00, 4416000.00) GC
351. 20.88634 (04111324) AT (532000.00, 4414500.00) GC
391. 20.21373 (04011024) AT (533500.00, 4416000.00) GC
352. 20.88505 (04072524) AT (533500.00, 4416000.00) GC
392. 20.21180 (04102124) AT (532000.00, 4414500.00) GC
353. 20.88399 (04091424) AT (531500.00, 4414500.00) GC
393. 20.20905c(04052124) AT (533000.00, 4415500.00) GC
354. 20.87836 (04092224) AT (532000.00, 4414500.00) GC
394. 20.14217 (04092224) AT (533500.00, 4416500.00) GC
355. 20.87404 (04031524) AT (533500.00, 4416000.00) GC
395. 20.12216 (04111124) AT (533500.00, 4413500.00) GC
356. 20.86704 (04021824) AT (532500.00, 4416000.00) GC
396. 20.10385 (04112724) AT (534000.00, 4417500.00) GC
357. 20.81042 (04042024) AT (532000.00, 4417500.00) GC
397. 20.08657 (04090824) AT (531500.00, 4414000.00) GC
358. 20.80996c(04010324) AT (533000.00, 4417500.00) GC
398. 20.08282 (04051924) AT (533000.00, 4415500.00) GC
359. 20.78512 (04110924) AT (532500.00, 4416500.00) GC
399. 20.03082 (04030924) AT (533500.00, 4416000.00) GC
360. 20.77227 (04103024) AT (531500.00, 4416000.00) GC
400. 20.01275 (04042024) AT (533000.00, 4417000.00) GC

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/26/11
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE		RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
401.	19.97374	(04102924)	AT (531000.00, 4413500.00)	GC	441.	19.05731	(04102424)	AT (532500.00, 4415500.00)	GC
402.	19.95209	(04121724)	AT (534000.00, 4417000.00)	GC	442.	19.02201	(04051724)	AT (533000.00, 4417500.00)	GC
403.	19.95149	(04092624)	AT (534000.00, 4416500.00)	GC	443.	19.01399	(04102124)	AT (533500.00, 4416500.00)	GC
404.	19.91026	(04090724)	AT (533500.00, 4416000.00)	GC	444.	18.94757	(04020524)	AT (532000.00, 4417500.00)	GC
405.	19.90736	(04072624)	AT (531500.00, 4416000.00)	GC	445.	18.94676	(04111324)	AT (529000.00, 4412500.00)	GC
406.	19.90580	(04093024)	AT (531500.00, 4414000.00)	GC	446.	18.94337	(04110724)	AT (531500.00, 4414500.00)	GC

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  407.      19.88726 (04103124) AT ( 532000.00, 4416000.00)  GC
447.      18.93458 (04091324) AT ( 534500.00, 4417000.00)  GC
  408.      19.88237 (04101424) AT ( 533000.00, 4415500.00)  GC
448.      18.88740 (04121024) AT ( 533500.00, 4416500.00)  GC
  409.      19.87608 (04100224) AT ( 531500.00, 4414500.00)  GC
449.      18.88003 (04011024) AT ( 532500.00, 4416500.00)  GC
  410.      19.83184 (04123124) AT ( 532000.00, 4416000.00)  GC
450.      18.87196 (04071324) AT ( 532000.00, 4416500.00)  GC
  411.      19.79159 (04081324) AT ( 531500.00, 4416000.00)  GC
451.      18.87133 (04030224) AT ( 532500.00, 4417500.00)  GC
  412.      19.74351 (04030824) AT ( 528500.00, 4414500.00)  GC
452.      18.86429 (04012624) AT ( 533000.00, 4417000.00)  GC
  413.      19.68290 (04060424) AT ( 533500.00, 4416000.00)  GC
453.      18.84583 (04052424) AT ( 534000.00, 4417500.00)  GC
  414.      19.67810 (04122824) AT ( 533000.00, 4417500.00)  GC
454.      18.79221 (04072324) AT ( 534000.00, 4417500.00)  GC
  415.      19.64112 (04031524) AT ( 531500.00, 4416000.00)  GC
455.      18.78677 (04101424) AT ( 531500.00, 4414500.00)  GC
  416.      19.56323 (04080424) AT ( 531500.00, 4414500.00)  GC
456.      18.77535 (04013124) AT ( 532000.00, 4415000.00)  GC
  417.      19.56069 (04061324) AT ( 531500.00, 4414000.00)  GC
457.      18.76481 (04030924) AT ( 532000.00, 4416500.00)  GC
  418.      19.54884 (04040924) AT ( 534000.00, 4417500.00)  GC
458.      18.76174 (04013124) AT ( 532500.00, 4415000.00)  GC
  419.      19.53235 (04111424) AT ( 533000.00, 4416000.00)  GC
459.      18.70927c(04121924) AT ( 533500.00, 4416500.00)  GC
  420.      19.47597 (04080524) AT ( 533500.00, 4417000.00)  GC
460.      18.67812 (04110724) AT ( 531500.00, 4414000.00)  GC
  421.      19.45617 (04120624) AT ( 533000.00, 4415500.00)  GC
461.      18.66903 (04091624) AT ( 534000.00, 4416500.00)  GC
  422.      19.44938 (04090924) AT ( 531500.00, 4414500.00)  GC
462.      18.66746 (04090224) AT ( 531500.00, 4414500.00)  GC
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  423.      19.44168c(04110124) AT ( 532000.00, 4415000.00)  GC
463.      18.59885 (04111624) AT ( 534000.00, 4417500.00)  GC
  424.      19.37848 (04103124) AT ( 532000.00, 4416500.00)  GC
464.      18.52552 (04093024) AT ( 533000.00, 4415500.00)  GC
  425.      19.33257 (04120324) AT ( 533000.00, 4417500.00)  GC
465.      18.52140 (04092924) AT ( 529000.00, 4412500.00)  GC
  426.      19.31699 (04092324) AT ( 534000.00, 4417500.00)  GC
466.      18.51792 (04102524) AT ( 531000.00, 4413500.00)  GC
  427.      19.31354 (04121724) AT ( 534000.00, 4417500.00)  GC
467.      18.48270 (04092924) AT ( 532000.00, 4415000.00)  GC
  428.      19.30643 (04101624) AT ( 531500.00, 4414000.00)  GC
468.      18.48220c(04100124) AT ( 541500.00, 4419500.00)  GC
  429.      19.30201 (04091924) AT ( 531500.00, 4414000.00)  GC
469.      18.47866 (04041824) AT ( 533500.00, 4416000.00)  GC
  430.      19.26578 (04091424) AT ( 531500.00, 4414000.00)  GC
470.      18.47355 (04083024) AT ( 531500.00, 4416500.00)  GC
  431.      19.25984 (04101924) AT ( 531500.00, 4414000.00)  GC
471.      18.46481 (04090124) AT ( 534000.00, 4417000.00)  GC
  432.      19.24170 (04092924) AT ( 531500.00, 4414000.00)  GC
472.      18.40218 (04080124) AT ( 534500.00, 4417000.00)  GC
  433.      19.23802 (04120624) AT ( 533000.00, 4416000.00)  GC
473.      18.37234 (04091624) AT ( 531000.00, 4413500.00)  GC
  434.      19.22696 (04073124) AT ( 534000.00, 4417000.00)  GC
474.      18.35665 (04031224) AT ( 532000.00, 4415000.00)  GC
  435.      19.21666 (04033124) AT ( 534000.00, 4417000.00)  GC
475.      18.35106 (04012524) AT ( 533500.00, 4418000.00)  GC
  436.      19.17977 (04031124) AT ( 532000.00, 4414000.00)  GC
476.      18.32193 (04110624) AT ( 531500.00, 4414000.00)  GC
  437.      19.17853 (04082224) AT ( 532500.00, 4417500.00)  GC
477.      18.31420 (04122924) AT ( 533000.00, 4416500.00)  GC
  438.      19.15089 (04100624) AT ( 534000.00, 4417500.00)  GC
478.      18.31124 (04030924) AT ( 532000.00, 4416000.00)  GC
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439. 19.14367 (04092924) AT (528500.00, 4412500.00) GC
479. 18.30816 (04122824) AT (531500.00, 4416000.00) GC
440. 19.07507 (04092724) AT (528000.00, 4411000.00) GC
480. 18.29397 (04101124) AT (533500.00, 4416000.00) GC
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED ***
*** 10/26/11
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*** 14:35:06

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
481.	18.28997c	(04010324) AT	(532000.00, 4417500.00) GC	491.	18.16234	(04050524) AT	(533500.00, 4416000.00) GC
482.	18.26794	(04072124) AT	(534500.00, 4417500.00) GC	492.	18.13080	(04050124) AT	(533500.00, 4416000.00) GC
483.	18.23657	(04092024) AT	(534000.00, 4416500.00) GC				

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493.      18.11072 (04030224) AT ( 532000.00, 4417500.00)  GC
  484.      18.23198 (04080824) AT ( 534500.00, 4417000.00)  GC
494.      18.09439 (04111324) AT ( 528000.00, 4412000.00)  GC
  485.      18.21504 (04103124) AT ( 533500.00, 4416500.00)  GC
495.      18.08589 (04102524) AT ( 534000.00, 4416500.00)  GC
  486.      18.21313 (04020424) AT ( 534000.00, 4417000.00)  GC
496.      18.08233 (04110924) AT ( 533000.00, 4417000.00)  GC
  487.      18.20853 (04052324) AT ( 534000.00, 4416500.00)  GC
497.      18.07281 (04071024) AT ( 533500.00, 4416000.00)  GC
  488.      18.20641 (04063024) AT ( 533500.00, 4416000.00)  GC
498.      18.07038 (04103024) AT ( 531500.00, 4414500.00)  GC
  489.      18.20370 (04080924) AT ( 533500.00, 4416000.00)  GC
499.      18.03643 (04011024) AT ( 531500.00, 4416500.00)  GC
  490.      18.17958 (04062624) AT ( 534000.00, 4417500.00)  GC
500.      18.03529 (04031024) AT ( 533500.00, 4418000.00)  GC

  *** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/26/11
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                                  ***         14:35:06

                                              PAGE 121
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                   *** THE MAXIMUM  500  24-HR AVERAGE
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CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE		RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
1.	113.62964	(04110624)	AT (534000.00, 4417500.00)	GC	41.	41.99117	(04061324)	AT (533500.00, 4416000.00)	GC
2.	78.98216	(04112924)	AT (534000.00, 4417500.00)	GC	42.	41.62100	(04042024)	AT (534000.00, 4417500.00)	GC
3.	73.50918	(04092724)	AT (533500.00, 4416000.00)	GC	43.	41.43750	(04121324)	AT (534000.00, 4417500.00)	GC
4.	71.58853	(04021724)	AT (534000.00, 4417500.00)	GC	44.	41.35551c	(04020224)	AT (533500.00, 4417500.00)	GC
5.	63.68280	(04111324)	AT (533500.00, 4416000.00)	GC	45.	40.80549	(04012624)	AT (532500.00, 4417500.00)	GC
6.	61.41862	(04012624)	AT (533500.00, 4417500.00)	GC	46.	40.78263	(04122224)	AT (533000.00, 4416500.00)	GC
7.	60.26098	(04110624)	AT (533500.00, 4417500.00)	GC	47.	40.48821	(04041324)	AT (533500.00, 4417000.00)	GC
8.	59.86621	(04091324)	AT (533500.00, 4416000.00)	GC	48.	40.32614	(04111424)	AT (533500.00, 4416000.00)	GC
9.	58.62116	(04091624)	AT (533500.00, 4416000.00)	GC	49.	39.77304	(04103024)	AT (533500.00, 4416000.00)	GC
10.	56.93222	(04102924)	AT (533500.00, 4416000.00)	GC	50.	39.66799	(04080324)	AT (534000.00, 4417500.00)	GC
11.	56.67096	(04012624)	AT (534000.00, 4417500.00)	GC					

51. 39.32231 (04092924) AT (534500.00, 4417000.00) GC
12. 56.40750 (04012524) AT (534000.00, 4417500.00) GC
52. 39.02877 (04111324) AT (533000.00, 4415500.00) GC
13. 55.85826 (04021624) AT (534000.00, 4417500.00) GC
53. 38.85038 (04021624) AT (533500.00, 4417500.00) GC
14. 55.38970 (04092924) AT (533500.00, 4416000.00) GC
54. 37.81622 (04112924) AT (533500.00, 4417500.00) GC
15. 54.76151 (04012624) AT (533000.00, 4417500.00) GC
55. 37.71860 (04102224) AT (533500.00, 4416000.00) GC
16. 53.83714c(04110124) AT (533500.00, 4416000.00) GC
56. 37.65292 (04092924) AT (531500.00, 4414500.00) GC
17. 53.78850 (04092024) AT (533500.00, 4416000.00) GC
57. 37.60362 (04111224) AT (533500.00, 4416000.00) GC
18. 53.77791 (04102524) AT (533500.00, 4416000.00) GC
58. 37.38754c(04010324) AT (534000.00, 4417500.00) GC
19. 51.74018 (04121224) AT (534000.00, 4417500.00) GC
59. 36.54904 (04020424) AT (533500.00, 4417000.00) GC
20. 49.57445 (04110624) AT (532000.00, 4417500.00) GC
60. 36.51834 (04030824) AT (531500.00, 4416000.00) GC
21. 48.67901 (04083124) AT (533500.00, 4416000.00) GC
61. 36.50898c(04110124) AT (531500.00, 4414500.00) GC
22. 48.56678 (04102424) AT (533500.00, 4416000.00) GC
62. 36.28042 (04121224) AT (533500.00, 4417500.00) GC
23. 48.08588c(04020224) AT (534000.00, 4417500.00) GC
63. 36.02953 (04020424) AT (531500.00, 4416000.00) GC
24. 46.78769 (04091424) AT (533500.00, 4416000.00) GC
64. 35.97999 (04030224) AT (533000.00, 4417000.00) GC
25. 46.72942 (04123124) AT (533500.00, 4417000.00) GC
65. 35.61260 (04083024) AT (533500.00, 4416000.00) GC
26. 46.69410 (04090824) AT (533500.00, 4416000.00) GC
66. 35.26552 (04090924) AT (533500.00, 4416000.00) GC
27. 46.30743 (04012524) AT (533500.00, 4417500.00) GC

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67.      35.18324 (04041124) AT ( 534000.00, 4417500.00)  GC
   28.      46.14395 (04030224) AT ( 533500.00, 4417000.00)  GC
68.      35.17045 (04122224) AT ( 532500.00, 4416500.00)  GC
   29.      45.49599 (04110224) AT ( 533500.00, 4416000.00)  GC
69.      34.94085 (04122224) AT ( 533500.00, 4417000.00)  GC
   30.      45.10410 (04111324) AT ( 531500.00, 4414500.00)  GC
70.      34.93471 (04011024) AT ( 533500.00, 4417000.00)  GC
   31.      45.03838 (04092124) AT ( 533500.00, 4416000.00)  GC
71.      34.91320c(04010324) AT ( 533500.00, 4417500.00)  GC
   32.      44.19750 (04092624) AT ( 533500.00, 4416000.00)  GC
72.      34.84235 (04031124) AT ( 533000.00, 4415500.00)  GC
   33.      43.59855 (04020524) AT ( 534000.00, 4417500.00)  GC
73.      34.61198 (04031224) AT ( 533000.00, 4415500.00)  GC
   34.      43.36820 (04030224) AT ( 534000.00, 4417500.00)  GC
74.      34.61035 (04100224) AT ( 533500.00, 4416000.00)  GC
   35.      43.33269 (04042024) AT ( 533500.00, 4417500.00)  GC
75.      34.55959 (04092724) AT ( 531500.00, 4414000.00)  GC
   36.      42.78477 (04052224) AT ( 533500.00, 4416000.00)  GC
76.      34.51548 (04082124) AT ( 533500.00, 4417000.00)  GC
   37.      42.43137 (04021724) AT ( 533500.00, 4417500.00)  GC
77.      34.49985 (04102024) AT ( 533500.00, 4417000.00)  GC
   38.      42.28169 (04101524) AT ( 533500.00, 4416000.00)  GC
78.      34.16199 (04110524) AT ( 534000.00, 4417500.00)  GC
   39.      42.09164 (04110624) AT ( 532500.00, 4417500.00)  GC
79.      34.15058 (04110724) AT ( 533500.00, 4416000.00)  GC
   40.      41.99935 (04042024) AT ( 533000.00, 4417500.00)  GC
80.      34.10746 (04012424) AT ( 534000.00, 4417500.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                  ***       14:35:06
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
81.	34.07207	(04030224)	AT	(532500.00, 4416500.00)	GC	121.	30.10782	(04102424)	AT	(531500.00, 4414500.00)	GC
82.	33.85983	(04103124)	AT	(533500.00, 4416000.00)	GC	122.	30.09138	(04021724)	AT	(532000.00, 4417500.00)	GC
83.	33.72566c	(04042524)	AT	(533500.00, 4416000.00)	GC	123.	30.05798	(04092924)	AT	(534000.00, 4416500.00)	GC
84.	33.26800	(04030224)	AT	(533000.00, 4416500.00)	GC	124.	30.04356	(04123024)	AT	(533500.00, 4416000.00)	GC
85.	33.18567	(04072924)	AT	(534000.00, 4417500.00)	GC	125.	29.94107	(04110924)	AT	(533500.00, 4417000.00)	GC
86.	32.78583	(04032124)	AT	(534000.00, 4417500.00)	GC	126.	29.91075	(04123124)	AT	(533000.00, 4416500.00)	GC
87.	32.76535	(04090224)	AT	(533500.00, 4416000.00)	GC	127.	29.89496	(04121324)	AT	(533500.00, 4417500.00)	GC

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   88.      32.73073 (04110624) AT ( 533500.00, 4416000.00)  GC
128.      29.75633 (04060724) AT ( 533500.00, 4416000.00)  GC
   89.      32.60388 (04102424) AT ( 533000.00, 4415500.00)  GC
129.      29.52487 (04042024) AT ( 532500.00, 4417500.00)  GC
   90.      32.50074 (04092724) AT ( 531500.00, 4414500.00)  GC
130.      29.30748 (04030124) AT ( 531500.00, 4416000.00)  GC
   91.      32.46551 (04102924) AT ( 531500.00, 4414000.00)  GC
131.      29.22465 (04122224) AT ( 532000.00, 4416000.00)  GC
   92.      32.38048c(04121924) AT ( 533000.00, 4416500.00)  GC
132.      29.15387 (04123124) AT ( 532500.00, 4416500.00)  GC
   93.      32.24025 (04072724) AT ( 533500.00, 4416000.00)  GC
133.      29.14661 (04111324) AT ( 532000.00, 4415000.00)  GC
   94.      31.98815 (04071324) AT ( 533500.00, 4417000.00)  GC
134.      29.11591 (04030924) AT ( 533500.00, 4417000.00)  GC
   95.      31.97063 (04102524) AT ( 531500.00, 4414000.00)  GC
135.      28.97111 (04092924) AT ( 533000.00, 4416000.00)  GC
   96.      31.74789 (04101224) AT ( 534000.00, 4417500.00)  GC
136.      28.91155 (04101624) AT ( 533500.00, 4416000.00)  GC
   97.      31.69095 (04092824) AT ( 531500.00, 4416000.00)  GC
137.      28.85353 (04030224) AT ( 533500.00, 4417500.00)  GC
   98.      31.68583 (04101724) AT ( 533500.00, 4416000.00)  GC
138.      28.83467 (04092224) AT ( 533000.00, 4415500.00)  GC
   99.      31.57226 (04012524) AT ( 532500.00, 4417500.00)  GC
139.      28.79812 (04021724) AT ( 532500.00, 4417500.00)  GC
  100.      31.54285 (04041224) AT ( 533500.00, 4416000.00)  GC
140.      28.78658c(04042524) AT ( 531500.00, 4414000.00)  GC
  101.      31.48248 (04011924) AT ( 533500.00, 4417500.00)  GC
141.      28.76598 (04092124) AT ( 534500.00, 4417000.00)  GC
  102.      31.19166 (04123124) AT ( 532000.00, 4416500.00)  GC
142.      28.72031 (04123124) AT ( 533500.00, 4413500.00)  GC
  103.      31.14391 (04103124) AT ( 533500.00, 4417000.00)  GC
143.      28.54952 (04102124) AT ( 533000.00, 4415500.00)  GC
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  104.      31.11736 (04082224) AT ( 533000.00, 4417500.00)  GC
144.      28.51729 (04030324) AT ( 531500.00, 4416000.00)  GC
  105.      30.93807 (04091924) AT ( 533500.00, 4416000.00)  GC
145.      28.19232 (04082224) AT ( 533500.00, 4417500.00)  GC
  106.      30.93174 (04101524) AT ( 531500.00, 4414500.00)  GC
146.      28.05120 (04042724) AT ( 534000.00, 4417500.00)  GC
  107.      30.89525 (04102324) AT ( 533500.00, 4416000.00)  GC
147.      27.99499 (04091624) AT ( 531500.00, 4414500.00)  GC
  108.      30.83646 (04071124) AT ( 534000.00, 4417500.00)  GC
148.      27.95916 (04090124) AT ( 531500.00, 4416000.00)  GC
  109.      30.72478 (04111324) AT ( 533000.00, 4416000.00)  GC
149.      27.94909 (04101524) AT ( 533000.00, 4416000.00)  GC
  110.      30.70069 (04011924) AT ( 534000.00, 4417500.00)  GC
150.      27.93566 (04092024) AT ( 531500.00, 4414500.00)  GC
  111.      30.69659 (04031124) AT ( 532500.00, 4415000.00)  GC
151.      27.93485 (04021824) AT ( 533000.00, 4416500.00)  GC
  112.      30.68292 (04102724) AT ( 533500.00, 4417000.00)  GC
152.      27.93288 (04021824) AT ( 533500.00, 4417000.00)  GC
  113.      30.65535 (04042624) AT ( 533500.00, 4416000.00)  GC
153.      27.87637 (04082824) AT ( 533500.00, 4416000.00)  GC
  114.      30.59208c(04102624) AT ( 531500.00, 4416000.00)  GC
154.      27.81436 (04032324) AT ( 533500.00, 4416000.00)  GC
  115.      30.53143 (04080424) AT ( 533500.00, 4416000.00)  GC
155.      27.79541 (04060924) AT ( 534000.00, 4417500.00)  GC
  116.      30.52685 (04112324) AT ( 534000.00, 4417500.00)  GC
156.      27.67416 (04012624) AT ( 532000.00, 4417500.00)  GC
  117.      30.51785 (04112924) AT ( 532000.00, 4417500.00)  GC
157.      27.56169c(04020224) AT ( 532500.00, 4417500.00)  GC
  118.      30.30812 (04071224) AT ( 533500.00, 4416000.00)  GC
158.      27.44684 (04092024) AT ( 531500.00, 4414000.00)  GC
  119.      30.17297 (04121624) AT ( 533500.00, 4416000.00)  GC
159.      27.42217 (04041324) AT ( 532000.00, 4416500.00)  GC
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  120.   30.14863c(04110124) AT (533000.00, 4415500.00) GC
160.   27.40367 (04102424) AT (531500.00, 4414000.00) GC
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/26/11
                                   ***
                                   ***   14:35:06

                                              PAGE 123
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                  *** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 3ALT-KUM ***
                                       INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   , ON.ISIT., CALIK1   , CALIK2   , CALIK3   ,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE
 -
- -
  161.   27.38563c(04122424) AT (531500.00, 4416000.00) GC
201.   25.48277 (04011824) AT (533000.00, 4423500.00) GC
  162.   27.34809c(04121924) AT (532500.00, 4416500.00) GC
202.   25.37861 (04012424) AT (533000.00, 4418500.00) GC
  163.   27.34618 (04101624) AT (533000.00, 4415500.00) GC
203.   25.32882 (04102224) AT (533000.00, 4416000.00) GC
  164.   27.19183 (04030224) AT (532000.00, 4416500.00) GC

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204.      25.28654 (04092724) AT ( 534000.00, 4416500.00)  GC
  165.      27.16434 (04020424) AT ( 533000.00, 4416500.00)  GC
205.      25.27190 (04020524) AT ( 533500.00, 4417500.00)  GC
  166.      27.16092 (04102324) AT ( 534500.00, 4417000.00)  GC
206.      25.26299 (04091624) AT ( 531500.00, 4414000.00)  GC
  167.      27.12317 (04111324) AT ( 531500.00, 4414000.00)  GC
207.      25.23768 (04101524) AT ( 533000.00, 4415500.00)  GC
  168.      27.08930c(04121924) AT ( 533500.00, 4417000.00)  GC
208.      25.11494 (04031224) AT ( 532000.00, 4414500.00)  GC
  169.      26.99353 (04062524) AT ( 534000.00, 4417500.00)  GC
209.      25.04302 (04122824) AT ( 533000.00, 4416500.00)  GC
  170.      26.94732c(04031924) AT ( 533000.00, 4417500.00)  GC
210.      25.03340 (04083124) AT ( 531500.00, 4414500.00)  GC
  171.      26.94300 (04121024) AT ( 533000.00, 4415500.00)  GC
211.      24.96661 (04102324) AT ( 531500.00, 4414500.00)  GC
  172.      26.78880 (04020424) AT ( 532000.00, 4416000.00)  GC
212.      24.95145 (04052224) AT ( 534000.00, 4416500.00)  GC
  173.      26.74823 (04122924) AT ( 533500.00, 4417000.00)  GC
213.      24.89450 (04031124) AT ( 532500.00, 4415500.00)  GC
  174.      26.70131 (04102124) AT ( 533000.00, 4416000.00)  GC
214.      24.89346 (04100324) AT ( 533000.00, 4416500.00)  GC
  175.      26.59213c(04020224) AT ( 533000.00, 4417500.00)  GC
215.      24.86272 (04111124) AT ( 533000.00, 4410000.00)  GC
  176.      26.56835 (04052324) AT ( 533500.00, 4416000.00)  GC
216.      24.82495 (04061224) AT ( 533500.00, 4416000.00)  GC
  177.      26.53822 (04112824) AT ( 534000.00, 4417500.00)  GC
217.      24.81641 (04121024) AT ( 532500.00, 4415500.00)  GC
  178.      26.53693 (04012524) AT ( 532000.00, 4417500.00)  GC
218.      24.81246 (04080324) AT ( 533500.00, 4417500.00)  GC
  179.      26.46091 (04092824) AT ( 534000.00, 4417500.00)  GC
219.      24.79135 (04102524) AT ( 533000.00, 4415500.00)  GC
  180.      26.46014 (04091324) AT ( 534000.00, 4416500.00)  GC
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220. 24.77508 (04061124) AT (533500.00, 4416000.00) GC
181. 26.40047 (04020424) AT (532500.00, 4416500.00) GC
221. 24.71784 (04121024) AT (533000.00, 4416000.00) GC
182. 26.36861 (04112924) AT (534500.00, 4417500.00) GC
222. 24.71489 (04082224) AT (533500.00, 4416000.00) GC
183. 26.28821 (04030724) AT (533500.00, 4416000.00) GC
223. 24.54596 (04103124) AT (533000.00, 4416500.00) GC
184. 26.28728 (04031124) AT (532000.00, 4414500.00) GC
224. 24.54344 (04102424) AT (533000.00, 4416000.00) GC
185. 26.28530 (04011824) AT (534000.00, 4417500.00) GC
225. 24.47883 (04062924) AT (534000.00, 4417000.00) GC
186. 26.23846 (04122224) AT (533000.00, 4417000.00) GC
226. 24.46134 (04121224) AT (532500.00, 4417500.00) GC
187. 26.14420 (04122824) AT (533500.00, 4417000.00) GC
227. 24.45541 (04110224) AT (531500.00, 4414000.00) GC
188. 26.14285 (04092924) AT (533000.00, 4415500.00) GC
228. 24.43520 (04102824) AT (533500.00, 4416000.00) GC
189. 26.12017 (04031224) AT (532500.00, 4415000.00) GC
229. 24.42911 (04121024) AT (533500.00, 4416000.00) GC
190. 26.11288 (04021624) AT (532500.00, 4417500.00) GC
230. 24.42831 (04122824) AT (534000.00, 4417500.00) GC
191. 25.92040 (04121824) AT (533500.00, 4416000.00) GC
231. 24.38781 (04101424) AT (533500.00, 4416000.00) GC
192. 25.87629 (04102524) AT (531500.00, 4414500.00) GC
232. 24.35194 (04043024) AT (533500.00, 4416000.00) GC
193. 25.82728 (04011124) AT (533500.00, 4417000.00) GC
233. 24.28806 (04021624) AT (532000.00, 4417500.00) GC
194. 25.80039 (04072124) AT (534000.00, 4417500.00) GC
234. 24.19443 (04040924) AT (533500.00, 4416000.00) GC
195. 25.76505 (04012524) AT (533000.00, 4417500.00) GC
235. 24.18210 (04102124) AT (533500.00, 4416000.00) GC
196. 25.71853c(04122724) AT (533000.00, 4415500.00) GC

236. 24.09663 (04091324) AT (531500.00, 4414500.00) GC
197. 25.68621 (04011024) AT (532000.00, 4416500.00) GC
237. 24.09625 (04011524) AT (533000.00, 4418500.00) GC
198. 25.58083 (04112924) AT (532500.00, 4417500.00) GC
238. 24.06537 (04120824) AT (533500.00, 4417000.00) GC
199. 25.49769 (04121024) AT (532000.00, 4415000.00) GC
239. 24.05443 (04082324) AT (533500.00, 4416000.00) GC
200. 25.48747 (04103124) AT (532500.00, 4416500.00) GC
240. 24.04812c(04010324) AT (532500.00, 4417500.00) GC
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/26/11
*** 14:35:06

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE

```
  241.      24.00445 (04082624) AT ( 533500.00, 4416000.00)  GC
281.      23.07029 (04031124) AT ( 533500.00, 4416000.00)  GC
  242.      23.98768 (04110524) AT ( 533500.00, 4416000.00)  GC
282.      23.06225c(04121924) AT ( 532500.00, 4416000.00)  GC
  243.      23.97764 (04122224) AT ( 532500.00, 4416000.00)  GC
283.      23.03557 (04110524) AT ( 531500.00, 4416000.00)  GC
  244.      23.97413 (04020424) AT ( 533500.00, 4416500.00)  GC
284.      22.96353 (04052224) AT ( 534500.00, 4417000.00)  GC
  245.      23.93340 (04030924) AT ( 533000.00, 4416500.00)  GC
285.      22.95245 (04110924) AT ( 533500.00, 4416000.00)  GC
  246.      23.89312 (04102024) AT ( 532000.00, 4416500.00)  GC
286.      22.92810 (04122224) AT ( 532000.00, 4416500.00)  GC
  247.      23.82713 (04081424) AT ( 533500.00, 4416000.00)  GC
287.      22.92195 (04040724) AT ( 531500.00, 4416000.00)  GC
  248.      23.81169 (04110624) AT ( 534500.00, 4417500.00)  GC
288.      22.91138 (04102124) AT ( 532500.00, 4415000.00)  GC
  249.      23.80639 (04093024) AT ( 533500.00, 4416000.00)  GC
289.      22.90424 (04092224) AT ( 532500.00, 4415000.00)  GC
  250.      23.77832 (04020424) AT ( 532000.00, 4416500.00)  GC
290.      22.89648 (04041324) AT ( 531500.00, 4416500.00)  GC
  251.      23.76067 (04092724) AT ( 531000.00, 4413500.00)  GC
291.      22.86275 (04121224) AT ( 533000.00, 4417500.00)  GC
  252.      23.75606 (04091124) AT ( 533500.00, 4416000.00)  GC
292.      22.86170 (04102124) AT ( 532000.00, 4415000.00)  GC
  253.      23.73178c(04042524) AT ( 533000.00, 4415500.00)  GC
293.      22.84753 (04082524) AT ( 533500.00, 4416000.00)  GC
  254.      23.67510 (04110224) AT ( 531500.00, 4414500.00)  GC
294.      22.83474 (04101524) AT ( 534500.00, 4417000.00)  GC
  255.      23.67437 (04042924) AT ( 533500.00, 4416000.00)  GC
295.      22.77849c(04110124) AT ( 533000.00, 4416000.00)  GC
  256.      23.67213 (04092124) AT ( 534000.00, 4416500.00)  GC
296.      22.77755 (04030924) AT ( 531500.00, 4416000.00)  GC
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  257.      23.66987 (04061524) AT ( 531500.00, 4416000.00)  GC
297.      22.72490 (04031224) AT ( 532500.00, 4415500.00)  GC
  258.      23.62665 (04121624) AT ( 533000.00, 4415500.00)  GC
298.      22.67304 (04071324) AT ( 533000.00, 4416500.00)  GC
  259.      23.58997 (04102124) AT ( 532500.00, 4415500.00)  GC
299.      22.66985 (04011724) AT ( 531500.00, 4416000.00)  GC
  260.      23.57755 (04122224) AT ( 533500.00, 4416500.00)  GC
300.      22.66699 (04111324) AT ( 528000.00, 4411500.00)  GC
  261.      23.55721 (04041224) AT ( 531500.00, 4414500.00)  GC
301.      22.65954 (04122824) AT ( 533000.00, 4417000.00)  GC
  262.      23.49198 (04092124) AT ( 531500.00, 4414500.00)  GC
302.      22.65860 (04041024) AT ( 531500.00, 4416000.00)  GC
  263.      23.48933 (04121624) AT ( 531500.00, 4416000.00)  GC
303.      22.63859 (04102424) AT ( 532000.00, 4415000.00)  GC
  264.      23.48238 (04101924) AT ( 533500.00, 4416000.00)  GC
304.      22.62134 (04030224) AT ( 532500.00, 4417000.00)  GC
  265.      23.45093 (04121624) AT ( 534000.00, 4417000.00)  GC
305.      22.59203 (04092724) AT ( 533000.00, 4415500.00)  GC
  266.      23.43127 (04123124) AT ( 533000.00, 4417000.00)  GC
306.      22.58592 (04092924) AT ( 529000.00, 4413000.00)  GC
  267.      23.42264 (04102724) AT ( 531500.00, 4416000.00)  GC
307.      22.54854 (04110924) AT ( 532500.00, 4416500.00)  GC
  268.      23.40944 (04092424) AT ( 533500.00, 4416000.00)  GC
308.      22.52026 (04020124) AT ( 534000.00, 4417500.00)  GC
  269.      23.38982 (04021824) AT ( 532500.00, 4416500.00)  GC
309.      22.47358 (04082124) AT ( 532500.00, 4416500.00)  GC
  270.      23.32820 (04102224) AT ( 531500.00, 4414500.00)  GC
310.      22.45341 (04091424) AT ( 533000.00, 4415500.00)  GC
  271.      23.29850 (04083124) AT ( 531500.00, 4414000.00)  GC
311.      22.44026 (04122824) AT ( 532500.00, 4416500.00)  GC
  272.      23.25169 (04111424) AT ( 531500.00, 4414500.00)  GC
312.      22.40165 (04092224) AT ( 533000.00, 4416000.00)  GC
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  273.      23.21958 (04091324) AT ( 531500.00, 4414000.00)  GC
313.      22.36272 (04110524) AT ( 533500.00, 4417500.00)  GC
  274.      23.20617 (04072424) AT ( 533500.00, 4416000.00)  GC
314.      22.31305 (04030924) AT ( 533000.00, 4415500.00)  GC
  275.      23.19986 (04092924) AT ( 531500.00, 4415000.00)  GC
315.      22.29473 (04121224) AT ( 532000.00, 4417500.00)  GC
  276.      23.14753 (04111324) AT ( 534000.00, 4416500.00)  GC
316.      22.27154 (04040424) AT ( 534000.00, 4417500.00)  GC
  277.      23.14038 (04122824) AT ( 533500.00, 4417500.00)  GC
317.      22.25807 (04120124) AT ( 534000.00, 4417500.00)  GC
  278.      23.13638 (04030924) AT ( 532500.00, 4416500.00)  GC
318.      22.21587 (04103024) AT ( 531500.00, 4414000.00)  GC
  279.      23.09852 (04091924) AT ( 534000.00, 4417500.00)  GC
319.      22.21079 (04071324) AT ( 532500.00, 4416500.00)  GC
  280.      23.07099 (04020424) AT ( 533000.00, 4417000.00)  GC
320.      22.03299c(04020224) AT ( 532000.00, 4417500.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                  ***        14:35:06

                                             PAGE 125
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                *** THE MAXIMUM  500  24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  3ALT-KUM ***
                                  INCLUDING SOURCE(S):    BACA1A   ,
BACA1B   , ON.ISIT., CALIK1   , CALIK2   , CALIK3   ,
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** CONC OF NOX IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
321.	22.00115	(04102024)	AT (531500.00, 4416000.00) GC				
361.	20.98910	(04092224)	AT (532000.00, 4414500.00) GC				
322.	21.95446	(04031124)	AT (532000.00, 4415000.00) GC				
362.	20.98454	(04021624)	AT (533000.00, 4417500.00) GC				
323.	21.90683	(04102424)	AT (533500.00, 4416500.00) GC				
363.	20.98003	(04102724)	AT (532000.00, 4416500.00) GC				
324.	21.88238	(04083024)	AT (531500.00, 4414500.00) GC				
364.	20.95588	(04072524)	AT (533500.00, 4416000.00) GC				
325.	21.87948c	(04031924)	AT (533500.00, 4417500.00) GC				
365.	20.93496	(04100324)	AT (532500.00, 4416500.00) GC				
326.	21.84310	(04013124)	AT (532500.00, 4415500.00) GC				
366.	20.88540	(04110524)	AT (533500.00, 4417000.00) GC				
327.	21.80733	(04092224)	AT (532000.00, 4415000.00) GC				
367.	20.88418	(04111324)	AT (534500.00, 4417000.00) GC				
328.	21.78009	(04092824)	AT (534000.00, 4417000.00) GC				
368.	20.88294	(04013124)	AT (533000.00, 4415500.00) GC				
329.	21.77745	(04103124)	AT (533000.00, 4417000.00) GC				
369.	20.83113	(04042024)	AT (532000.00, 4417500.00) GC				
330.	21.76165	(04101524)	AT (534000.00, 4416500.00) GC				
370.	20.82729	(04123124)	AT (531500.00, 4416500.00) GC				
331.	21.75081	(04110924)	AT (533000.00, 4416500.00) GC				
371.	20.81982	(04103024)	AT (531500.00, 4416000.00) GC				
332.	21.64086c	(04010324)	AT (533000.00, 4417500.00) GC				
372.	20.78798	(04080224)	AT (533500.00, 4416000.00) GC				
333.	21.61598	(04082124)	AT (533000.00, 4416500.00) GC				

373. 20.77429 (04080824) AT (533500.00, 4416000.00) GC
334. 21.53851 (04030624) AT (534000.00, 4417500.00) GC
374. 20.71915 (04121324) AT (533000.00, 4417500.00) GC
335. 21.48580c(04121924) AT (533000.00, 4417000.00) GC
375. 20.68928 (04121024) AT (531500.00, 4414500.00) GC
336. 21.47483 (04103124) AT (531500.00, 4416000.00) GC
376. 20.68392 (04121024) AT (532500.00, 4415000.00) GC
337. 21.45848c(04110124) AT (534000.00, 4416500.00) GC
377. 20.66742 (04111024) AT (533000.00, 4410000.00) GC
338. 21.44335 (04031624) AT (531500.00, 4416000.00) GC
378. 20.65691 (04030824) AT (533500.00, 4416000.00) GC
339. 21.44329 (04082724) AT (533500.00, 4413500.00) GC
379. 20.62989 (04102924) AT (531500.00, 4414500.00) GC
340. 21.38902 (04041224) AT (533000.00, 4415500.00) GC
380. 20.62704 (04102424) AT (532500.00, 4415500.00) GC
341. 21.33814 (04020424) AT (528500.00, 4414500.00) GC
381. 20.60224 (04123024) AT (533000.00, 4415500.00) GC
342. 21.32007 (04032324) AT (534000.00, 4417500.00) GC
382. 20.59292 (04091424) AT (534000.00, 4416500.00) GC
343. 21.30795 (04082124) AT (532000.00, 4416500.00) GC
383. 20.51827 (04102324) AT (533000.00, 4416000.00) GC
344. 21.28520 (04051824) AT (533500.00, 4416000.00) GC
384. 20.51537 (04101424) AT (533000.00, 4416000.00) GC
345. 21.27486 (04111224) AT (531500.00, 4414500.00) GC
385. 20.50456c(04110124) AT (531500.00, 4414000.00) GC
346. 21.26693c(04110124) AT (534500.00, 4417000.00) GC
386. 20.48458 (04110924) AT (533000.00, 4417000.00) GC
347. 21.21917 (04092224) AT (532500.00, 4415500.00) GC
387. 20.46672 (04121624) AT (531500.00, 4414000.00) GC
348. 21.21736 (04082224) AT (534000.00, 4417500.00) GC
388. 20.41229 (04102124) AT (532000.00, 4414500.00) GC
349. 21.21594 (04092624) AT (531500.00, 4414500.00) GC

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389.      20.40479 (04060524) AT ( 531500.00, 4416000.00)  GC
  350.      21.16227 (04041724) AT ( 533500.00, 4416000.00)  GC
390.      20.40125 (04101924) AT ( 533000.00, 4415500.00)  GC
  351.      21.11945 (04111324) AT ( 532000.00, 4414500.00)  GC
391.      20.37268 (04103124) AT ( 532000.00, 4416000.00)  GC
  352.      21.09104 (04021824) AT ( 532500.00, 4416000.00)  GC
392.      20.36944 (04011024) AT ( 533500.00, 4416000.00)  GC
  353.      21.08686 (04011924) AT ( 532500.00, 4417500.00)  GC
393.      20.35323c(04052124) AT ( 533000.00, 4415500.00)  GC
  354.      21.05794 (04091424) AT ( 531500.00, 4414500.00)  GC
394.      20.33595 (04102924) AT ( 533000.00, 4415500.00)  GC
  355.      21.04891 (04100324) AT ( 533500.00, 4417000.00)  GC
395.      20.33463 (04121724) AT ( 531500.00, 4416000.00)  GC
  356.      21.04214 (04031524) AT ( 533500.00, 4416000.00)  GC
396.      20.32977 (04011024) AT ( 532500.00, 4416500.00)  GC
  357.      21.03369 (04021824) AT ( 533500.00, 4416500.00)  GC
397.      20.29229 (04121324) AT ( 532500.00, 4417500.00)  GC
  358.      21.03199 (04101524) AT ( 532000.00, 4415000.00)  GC
398.      20.26766 (04030224) AT ( 532000.00, 4416000.00)  GC
  359.      21.03194 (04052224) AT ( 531500.00, 4414500.00)  GC
399.      20.25503 (04051924) AT ( 533000.00, 4415500.00)  GC
  360.      21.00239 (04071324) AT ( 533500.00, 4416500.00)  GC
400.      20.23783 (04111124) AT ( 533500.00, 4413500.00)  GC
 *** AERMOD - VERSION 09292 ***     ***  NO TITLE SPECIFIED
                                    ***         10/26/11
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                                   ***        14:35:06

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 **MODELOPTs:  RegDFAULT CONC
  ELEV
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*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)		OF TYPE
401.	20.22886	(04092224)	AT	(533500.00,	4416500.00)	GC
441.	19.34244	(04111324)	AT	(532500.00,	4415500.00)	GC
402.	20.19829	(04090824)	AT	(531500.00,	4414000.00)	GC
442.	19.33613	(04101924)	AT	(531500.00,	4414000.00)	GC
403.	20.11085	(04112724)	AT	(534000.00,	4417500.00)	GC
443.	19.33330	(04121724)	AT	(534000.00,	4417500.00)	GC
404.	20.10829	(04030924)	AT	(533500.00,	4416000.00)	GC
444.	19.33005	(04092324)	AT	(534000.00,	4417500.00)	GC
405.	20.06668	(04092624)	AT	(534000.00,	4416500.00)	GC
445.	19.31478	(04092924)	AT	(531500.00,	4414000.00)	GC
406.	20.05402	(04090724)	AT	(533500.00,	4416000.00)	GC
446.	19.27532	(04031124)	AT	(532000.00,	4414000.00)	GC
407.	20.04801	(04042024)	AT	(533000.00,	4417000.00)	GC
447.	19.24343	(04013124)	AT	(532000.00,	4415000.00)	GC
408.	20.04151	(04101424)	AT	(533000.00,	4415500.00)	GC
448.	19.20218	(04091324)	AT	(534500.00,	4417000.00)	GC
409.	20.01942	(04122824)	AT	(533000.00,	4417500.00)	GC
449.	19.20141	(04092924)	AT	(528500.00,	4412500.00)	GC

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  410.      20.01450 (04100224) AT ( 531500.00, 4414500.00)  GC
450.      19.19590 (04102124) AT ( 533500.00, 4416500.00)  GC
  411.      19.98473 (04102924) AT ( 531000.00, 4413500.00)  GC
451.      19.17329 (04013124) AT ( 532500.00, 4415000.00)  GC
  412.      19.95929 (04121724) AT ( 534000.00, 4417000.00)  GC
452.      19.15948 (04030924) AT ( 532000.00, 4416500.00)  GC
  413.      19.95039 (04123124) AT ( 532000.00, 4416000.00)  GC
453.      19.13319 (04092724) AT ( 528000.00, 4411000.00)  GC
  414.      19.94367 (04072624) AT ( 531500.00, 4416000.00)  GC
454.      19.10316 (04111324) AT ( 529000.00, 4412500.00)  GC
  415.      19.93909 (04103124) AT ( 532000.00, 4416500.00)  GC
455.      19.07706 (04110724) AT ( 531500.00, 4414500.00)  GC
  416.      19.93665 (04030824) AT ( 528500.00, 4414500.00)  GC
456.      18.98116 (04012624) AT ( 533000.00, 4417000.00)  GC
  417.      19.93642 (04081324) AT ( 531500.00, 4416000.00)  GC
457.      18.98039 (04020524) AT ( 532000.00, 4417500.00)  GC
  418.      19.92706 (04093024) AT ( 531500.00, 4414000.00)  GC
458.      18.97176 (04121024) AT ( 533500.00, 4416500.00)  GC
  419.      19.78327 (04060424) AT ( 533500.00, 4416000.00)  GC
459.      18.94230 (04101424) AT ( 531500.00, 4414500.00)  GC
  420.      19.77682 (04031524) AT ( 531500.00, 4416000.00)  GC
460.      18.92640 (04030224) AT ( 532500.00, 4417500.00)  GC
  421.      19.76248 (04111424) AT ( 533000.00, 4416000.00)  GC
461.      18.89952 (04071324) AT ( 532000.00, 4416500.00)  GC
  422.      19.68883 (04033124) AT ( 534000.00, 4417000.00)  GC
462.      18.88017 (04052424) AT ( 534000.00, 4417500.00)  GC
  423.      19.64560 (04051724) AT ( 533000.00, 4417500.00)  GC
463.      18.83693 (04072324) AT ( 534000.00, 4417500.00)  GC
  424.      19.63219 (04061324) AT ( 531500.00, 4414000.00)  GC
464.      18.83400 (04091624) AT ( 534000.00, 4416500.00)  GC
  425.      19.63075 (04073124) AT ( 534000.00, 4417000.00)  GC
465.      18.82203c(04010324) AT ( 532000.00, 4417500.00)  GC
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  426.      19.61605 (04040924) AT ( 534000.00, 4417500.00)  GC
466.      18.81194 (04110724) AT ( 531500.00, 4414000.00)  GC
  427.      19.61086 (04120624) AT ( 533000.00, 4415500.00)  GC
467.      18.81136c(04121924) AT ( 533500.00, 4416500.00)  GC
  428.      19.60023 (04080424) AT ( 531500.00, 4414500.00)  GC
468.      18.79014 (04030924) AT ( 532000.00, 4416000.00)  GC
  429.      19.59897c(04110124) AT ( 532000.00, 4415000.00)  GC
469.      18.76998 (04090224) AT ( 531500.00, 4414500.00)  GC
  430.      19.56325 (04082124) AT ( 533000.00, 4417000.00)  GC
470.      18.67342 (04041824) AT ( 533500.00, 4416000.00)  GC
  431.      19.55849 (04030924) AT ( 533000.00, 4417000.00)  GC
471.      18.66297 (04102524) AT ( 531000.00, 4413500.00)  GC
  432.      19.52139 (04080524) AT ( 533500.00, 4417000.00)  GC
472.      18.64873 (04092924) AT ( 532000.00, 4415000.00)  GC
  433.      19.51786 (04091924) AT ( 531500.00, 4414000.00)  GC
473.      18.60205 (04111624) AT ( 534000.00, 4417500.00)  GC
  434.      19.49819 (04100624) AT ( 534000.00, 4417500.00)  GC
474.      18.59914 (04093024) AT ( 533000.00, 4415500.00)  GC
  435.      19.49251 (04090924) AT ( 531500.00, 4414500.00)  GC
475.      18.58573 (04080124) AT ( 534500.00, 4417000.00)  GC
  436.      19.43063 (04091424) AT ( 531500.00, 4414000.00)  GC
476.      18.58096 (04092924) AT ( 529000.00, 4412500.00)  GC
  437.      19.40554 (04082224) AT ( 532500.00, 4417500.00)  GC
477.      18.55816 (04072124) AT ( 534500.00, 4417500.00)  GC
  438.      19.39078 (04120324) AT ( 533000.00, 4417500.00)  GC
478.      18.55807 (04083024) AT ( 531500.00, 4416500.00)  GC
  439.      19.37863 (04120624) AT ( 533000.00, 4416000.00)  GC
479.      18.52808c(04100124) AT ( 541500.00, 4419500.00)  GC
  440.      19.36795 (04101624) AT ( 531500.00, 4414000.00)  GC
480.      18.51092 (04031224) AT ( 532000.00, 4415000.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE		RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
481.	18.50526	(04090124)	(534000.00, 4417000.00)	GC	491.	18.33899	(04111324)	(528000.00, 4412000.00)	GC
482.	18.49875	(04091624)	(531000.00, 4413500.00)	GC	492.	18.33605	(04011024)	(531500.00, 4416500.00)	GC
483.	18.48134	(04122924)	(533000.00, 4416500.00)	GC	493.	18.32699	(04101124)	(533500.00, 4416000.00)	GC
484.	18.42142	(04110624)	(531500.00, 4414000.00)	GC	494.	18.30746	(04020424)	(534000.00, 4417000.00)	GC
485.	18.40922	(04122824)	(531500.00, 4416000.00)	GC	495.	18.27845	(04102524)	(534000.00, 4416500.00)	GC
486.	18.40532	(04080824)	(534500.00, 4417000.00)	GC					

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496.      18.27615 (04103124) AT ( 533500.00, 4416500.00)  GC
  487.      18.37656 (04062624) AT ( 534000.00, 4417500.00)  GC
497.      18.26993 (04052324) AT ( 534000.00, 4416500.00)  GC
  488.      18.36115 (04040924) AT ( 533500.00, 4417000.00)  GC
498.      18.25626 (04063024) AT ( 533500.00, 4416000.00)  GC
  489.      18.35794 (04012524) AT ( 533500.00, 4418000.00)  GC
499.      18.24761 (04082624) AT ( 534000.00, 4417000.00)  GC
  490.      18.35039 (04092024) AT ( 534000.00, 4416500.00)  GC
500.      18.24055 (04080924) AT ( 533500.00, 4416000.00)  GC

  *** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
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 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                *** THE MAXIMUM  500  24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  YOL-KUM  ***
                                  INCLUDING SOURCE(S):    BACA1A  ,
BACA1B  , ON.ISIT., CALIK1  , CALIK2  , CALIK3  , 9ZYI9002,
          9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008,
9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E,
          9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K,
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9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, . . . ,

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

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
1.	214.45413c	(04122024)	AT	(540000.00, 4413000.00)	GC	41.	133.81736c	(04120424)	AT	(540500.00, 4413000.00)	GC
2.	189.52503c	(04122024)	AT	(540500.00, 4413000.00)	GC	42.	133.79574	(04120624)	AT	(534500.00, 4421000.00)	GC
3.	181.14631c	(04011224)	AT	(540000.00, 4413000.00)	GC	43.	133.69389c	(04121924)	AT	(532000.00, 4419500.00)	GC
4.	170.15225c	(04011324)	AT	(540000.00, 4413000.00)	GC	44.	133.38055	(04030224)	AT	(534500.00, 4421000.00)	GC
5.	170.01962	(04122124)	AT	(540000.00, 4413000.00)	GC	45.	133.14203	(04122524)	AT	(534500.00, 4421000.00)	GC
6.	169.54601	(04122224)	AT	(534500.00, 4421000.00)	GC	46.	132.57615	(04122824)	AT	(534500.00, 4421000.00)	GC
7.	167.44516	(04122224)	AT	(532000.00, 4419500.00)	GC	47.	132.10075	(04121224)	AT	(540500.00, 4413000.00)	GC
8.	162.89087	(04121224)	AT	(540000.00, 4413000.00)	GC	48.	131.62597	(04122624)	AT	(534500.00, 4421000.00)	GC
9.	160.99497	(04111324)	AT	(534500.00, 4421000.00)	GC	49.	131.16136c	(04121924)	AT	(534500.00, 4421000.00)	GC
10.	158.76687c	(04122424)	AT	(534500.00, 4421000.00)	GC	50.	130.68513	(04022324)	AT	(534500.00, 4421000.00)	GC
11.	158.52033c	(04011224)	AT	(534500.00, 4421000.00)	GC	51.	130.58779	(04102124)	AT	(534500.00, 4421000.00)	GC
12.	158.30772	(04102424)	AT	(534500.00, 4421000.00)	GC						

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52.     130.54946 (04110724) AT ( 534500.00, 4421000.00)  GC
   13.     156.31872 (04121224) AT ( 534500.00, 4421000.00)  GC
53.     130.38297 (04012724) AT ( 540000.00, 4413000.00)  GC
   14.     155.87057c(04011224) AT ( 540500.00, 4413000.00)  GC
54.     129.42807 (04121824) AT ( 534500.00, 4421000.00)  GC
   15.     155.63643 (04122124) AT ( 534500.00, 4421000.00)  GC
55.     129.30034c(04122724) AT ( 534500.00, 4421000.00)  GC
   16.     153.49521 (04012624) AT ( 534500.00, 4421000.00)  GC
56.     129.11782 (04121024) AT ( 534500.00, 4421000.00)  GC
   17.     153.41352c(04120424) AT ( 540000.00, 4413000.00)  GC
57.     128.92309 (04120924) AT ( 534500.00, 4421000.00)  GC
   18.     149.49665c(04011324) AT ( 540500.00, 4413000.00)  GC
58.     128.89970 (04101924) AT ( 534500.00, 4421000.00)  GC
   19.     148.66005c(04122024) AT ( 534500.00, 4421000.00)  GC
59.     128.87515 (04102424) AT ( 532000.00, 4419500.00)  GC
   20.     148.03184 (04122124) AT ( 540500.00, 4413000.00)  GC
60.     128.22239 (04030924) AT ( 532000.00, 4419500.00)  GC
   21.     147.71071 (04011124) AT ( 540000.00, 4413000.00)  GC
61.     127.29981 (04092924) AT ( 534500.00, 4421000.00)  GC
   22.     145.83228 (04030924) AT ( 534500.00, 4421000.00)  GC
62.     126.96457 (04101524) AT ( 534500.00, 4421000.00)  GC
   23.     145.59475c(04110124) AT ( 534500.00, 4421000.00)  GC
63.     125.79154 (04020324) AT ( 540000.00, 4413000.00)  GC
   24.     140.34487 (04103024) AT ( 534500.00, 4421000.00)  GC
64.     125.58696 (04110524) AT ( 534500.00, 4421000.00)  GC
   25.     140.14853 (04020424) AT ( 532000.00, 4419500.00)  GC
65.     125.56545 (04011124) AT ( 534500.00, 4421000.00)  GC
   26.     139.58535 (04112524) AT ( 540000.00, 4413000.00)  GC
66.     125.23198 (04020424) AT ( 534500.00, 4421000.00)  GC
   27.     139.46564 (04122524) AT ( 540000.00, 4413000.00)  GC
67.     125.17220 (04122824) AT ( 532000.00, 4419500.00)  GC
   28.     139.46538 (04123124) AT ( 532000.00, 4419500.00)  GC
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68. 124.89157c(04010324) AT (534500.00, 4421000.00) GC
29. 138.86843 (04010224) AT (534500.00, 4421000.00) GC
69. 124.66808 (04011124) AT (540500.00, 4413000.00) GC
30. 136.87056c(04120424) AT (534500.00, 4421000.00) GC
70. 123.58422 (04103124) AT (532000.00, 4419500.00) GC
31. 136.71377 (04120124) AT (540000.00, 4413000.00) GC
71. 122.92412 (04092724) AT (534500.00, 4421000.00) GC
32. 136.10514 (04121624) AT (534500.00, 4421000.00) GC
72. 122.25853 (04031224) AT (534500.00, 4421000.00) GC
33. 135.76494c(04011324) AT (534500.00, 4421000.00) GC
73. 121.78832 (04021824) AT (532000.00, 4419500.00) GC
34. 134.81773 (04012624) AT (539500.00, 4413000.00) GC
74. 121.13252 (04022524) AT (540000.00, 4413000.00) GC
35. 134.75062 (04020324) AT (534500.00, 4421000.00) GC
75. 120.76017c(04020224) AT (534500.00, 4421000.00) GC
36. 134.63880c(04122424) AT (532000.00, 4419500.00) GC
76. 120.24254 (04112524) AT (540500.00, 4413000.00) GC
37. 134.44969 (04012624) AT (540000.00, 4413000.00) GC
77. 119.90465 (04100824) AT (540000.00, 4413000.00) GC
38. 134.13564 (04122624) AT (540000.00, 4413000.00) GC
78. 119.57445 (04042024) AT (534500.00, 4421000.00) GC
39. 133.92307 (04021824) AT (534500.00, 4421000.00) GC
79. 119.50653 (04103024) AT (532000.00, 4419500.00) GC
40. 133.82678 (04122324) AT (540000.00, 4413000.00) GC
80. 118.53452 (04122524) AT (540500.00, 4413000.00) GC

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/26/11
***
*** 14:35:06

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**MODELOPTs: RegDFAULT CONC

ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: YOL-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 , 9ZYI9002, 9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008, 9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E, 9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K, 9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, . . . ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
81.	118.47834	(04030224)	AT (532000.00, 4419500.00) GC	121.	108.37805	(04102824)	AT (534500.00, 4421000.00) GC
82.	118.15062	(04112524)	AT (534500.00, 4421000.00) GC	122.	108.04003	(04120624)	AT (532000.00, 4419500.00) GC
83.	118.08162	(04032124)	AT (540000.00, 4413000.00) GC	123.	107.71483	(04093024)	AT (540000.00, 4413000.00) GC
84.	118.06013	(04022324)	AT (540000.00, 4413000.00) GC	124.	107.57662	(04012724)	AT (534500.00, 4421000.00) GC
85.	118.03561	(04100924)	AT (540000.00, 4413000.00) GC	125.	107.47694	(04111924)	AT (534500.00, 4421000.00) GC
86.	118.03128	(04111824)	AT (534500.00, 4421000.00) GC	126.	107.20377	(04011824)	AT (534500.00, 4421000.00) GC

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   87.     117.70139 (04103124) AT ( 534500.00, 4421000.00)  GC
127.     107.20311 (04110924) AT ( 532000.00, 4419500.00)  GC
   88.     117.09925 (04031124) AT ( 534500.00, 4421000.00)  GC
128.     107.07312 (04101924) AT ( 532000.00, 4419500.00)  GC
   89.     116.84279 (04093024) AT ( 534500.00, 4421000.00)  GC
129.     106.84940c(04122024) AT ( 531000.00, 4419000.00)  GC
   90.     116.80979c(04102624) AT ( 532000.00, 4419500.00)  GC
130.     106.73941 (04110524) AT ( 532000.00, 4419500.00)  GC
   91.     116.59431 (04120524) AT ( 534500.00, 4421000.00)  GC
131.     106.08940 (04011024) AT ( 534500.00, 4421000.00)  GC
   92.     116.44597 (04110624) AT ( 534500.00, 4421000.00)  GC
132.     106.08261 (04111224) AT ( 534500.00, 4421000.00)  GC
   93.     116.40389 (04092224) AT ( 534500.00, 4421000.00)  GC
133.     105.96472c(04042524) AT ( 534500.00, 4421000.00)  GC
   94.     116.20458c(04122424) AT ( 540000.00, 4413000.00)  GC
134.     105.78250 (04111824) AT ( 540000.00, 4413000.00)  GC
   95.     115.97137 (04110924) AT ( 534500.00, 4421000.00)  GC
135.     105.70772 (04120924) AT ( 540000.00, 4413000.00)  GC
   96.     114.90177 (04120124) AT ( 540500.00, 4413000.00)  GC
136.     105.28028 (04030324) AT ( 534500.00, 4421000.00)  GC
   97.     114.75047c(04110124) AT ( 532000.00, 4419500.00)  GC
137.     104.87376 (04100824) AT ( 540500.00, 4413000.00)  GC
   98.     114.70720 (04030824) AT ( 534500.00, 4421000.00)  GC
138.     104.85683 (04111124) AT ( 532000.00, 4419500.00)  GC
   99.     114.37685 (04101624) AT ( 534500.00, 4421000.00)  GC
139.     104.82303c(04011224) AT ( 531500.00, 4419500.00)  GC
  100.     114.28614 (04030824) AT ( 532000.00, 4419500.00)  GC
140.     104.62796 (04101124) AT ( 534500.00, 4421000.00)  GC
  101.     114.13379 (04120524) AT ( 540000.00, 4413000.00)  GC
141.     104.60041 (04102224) AT ( 534500.00, 4421000.00)  GC
  102.     114.10781 (04122124) AT ( 532000.00, 4419500.00)  GC
142.     104.51196 (04010224) AT ( 540000.00, 4413000.00)  GC
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  103.     113.79267 (04122224) AT ( 540000.00, 4413000.00)  GC
143.     104.40704 (04120824) AT ( 532000.00, 4419500.00)  GC
  104.     113.68936 (04110624) AT ( 534000.00, 4417500.00)  GC
144.     104.25859 (04021924) AT ( 540000.00, 4413000.00)  GC
  105.     113.66576 (04120824) AT ( 534500.00, 4421000.00)  GC
145.     104.25008 (04031024) AT ( 534500.00, 4421000.00)  GC
  106.     113.62353 (04041224) AT ( 534500.00, 4421000.00)  GC
146.     104.03284 (04102024) AT ( 534500.00, 4421000.00)  GC
  107.     113.58682 (04122324) AT ( 540500.00, 4413000.00)  GC
147.     103.98371 (04012724) AT ( 540500.00, 4413000.00)  GC
  108.     113.47464 (04011424) AT ( 540000.00, 4413000.00)  GC
148.     103.80353 (04120124) AT ( 534500.00, 4421000.00)  GC
  109.     113.44273 (04111324) AT ( 532000.00, 4419500.00)  GC
149.     103.56047 (04031524) AT ( 534500.00, 4421000.00)  GC
  110.     113.23360 (04122624) AT ( 540500.00, 4413000.00)  GC
150.     103.47294c(04010324) AT ( 540000.00, 4413000.00)  GC
  111.     113.19398 (04122924) AT ( 534500.00, 4421000.00)  GC
151.     103.35271 (04102924) AT ( 534500.00, 4421000.00)  GC
  112.     111.87114c(04122024) AT ( 532000.00, 4419500.00)  GC
152.     103.13629 (04100924) AT ( 540500.00, 4413000.00)  GC
  113.     111.86346 (04123124) AT ( 534500.00, 4421000.00)  GC
153.     103.02360 (04121324) AT ( 534500.00, 4421000.00)  GC
  114.     111.77121 (04040624) AT ( 540000.00, 4413000.00)  GC
154.     102.80819 (04101024) AT ( 540000.00, 4413000.00)  GC
  115.     110.23496c(04011224) AT ( 535000.00, 4421500.00)  GC
155.     102.78030 (04120524) AT ( 532000.00, 4419500.00)  GC
  116.     110.02246 (04021124) AT ( 540000.00, 4413000.00)  GC
156.     102.47773 (04021724) AT ( 534500.00, 4421000.00)  GC
  117.     109.79722 (04100924) AT ( 534500.00, 4421000.00)  GC
157.     102.40587 (04011024) AT ( 532000.00, 4419500.00)  GC
  118.     109.42650 (04121624) AT ( 532000.00, 4419500.00)  GC
158.     102.36324 (04110724) AT ( 532000.00, 4419500.00)  GC
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  119.   109.01248 (04123024) AT (534500.00, 4421000.00) GC
159.   102.32097 (04101524) AT (532000.00, 4419500.00) GC
  120.   108.72621 (04122524) AT (532000.00, 4419500.00) GC
160.   102.07384 (04091424) AT (534500.00, 4421000.00) GC
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/26/11
                                   ***
                                   ***   14:35:06

                                              PAGE 130
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                  *** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: YOL-KUM ***
                                     INCLUDING SOURCE(S):   BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 , 9ZYI9002,
          9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008,
9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E,
          9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K,
9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, . . . ,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE
 -
- -
  161.   101.92453 (04030224) AT (540000.00, 4413000.00) GC

201. 97.00662 (04040924) AT (534500.00, 4421000.00) GC
162. 101.90824 (04022524) AT (534500.00, 4421000.00) GC
202. 96.64303 (04122124) AT (535000.00, 4421500.00) GC
163. 101.89435c(04031924) AT (534500.00, 4421000.00) GC
203. 96.34852 (04122224) AT (540500.00, 4413000.00) GC
164. 101.68772 (04022524) AT (540500.00, 4413000.00) GC
204. 96.28089c(04122024) AT (541000.00, 4413000.00) GC
165. 101.63019 (04041024) AT (534500.00, 4421000.00) GC
205. 96.24934 (04010124) AT (534500.00, 4421000.00) GC
166. 101.30350c(04122024) AT (536000.00, 4421000.00) GC
206. 95.53566 (04111124) AT (531000.00, 4419000.00) GC
167. 101.10937 (04111424) AT (534500.00, 4421000.00) GC
207. 95.43204 (04122124) AT (531500.00, 4419500.00) GC
168. 101.00794 (04020324) AT (540500.00, 4413000.00) GC
208. 95.22891 (04092024) AT (534500.00, 4421000.00) GC
169. 100.91910c(04122024) AT (535000.00, 4421500.00) GC
209. 95.18196 (04091624) AT (534500.00, 4421000.00) GC
170. 100.86367 (04102724) AT (532000.00, 4419500.00) GC
210. 95.11410c(04100124) AT (540000.00, 4413000.00) GC
171. 100.77714 (04040824) AT (540000.00, 4413000.00) GC
211. 94.99298 (04111124) AT (537000.00, 4418000.00) GC
172. 100.72441 (04050324) AT (540000.00, 4413000.00) GC
212. 94.98777c(04020224) AT (540000.00, 4413000.00) GC
173. 100.62027 (04022324) AT (540500.00, 4413000.00) GC
213. 94.91459 (04031224) AT (532000.00, 4419500.00) GC
174. 100.43064c(04011224) AT (532000.00, 4419500.00) GC
214. 94.65582 (04122824) AT (540000.00, 4413000.00) GC
175. 100.35329c(04122424) AT (540500.00, 4413000.00) GC
215. 94.47173 (04011124) AT (531500.00, 4419500.00) GC
176. 100.12299 (04050924) AT (540000.00, 4413000.00) GC
216. 94.31461c(04122024) AT (533000.00, 4420000.00) GC
177. 100.04957 (04011424) AT (534500.00, 4421000.00) GC

217. 93.73196 (04050924) AT (534500.00, 4421000.00) GC
178. 99.98188 (04122324) AT (534500.00, 4421000.00) GC
218. 93.68011 (04093024) AT (540500.00, 4413000.00) GC
179. 99.93512 (04032124) AT (540500.00, 4413000.00) GC
219. 93.62090 (04011824) AT (540000.00, 4413000.00) GC
180. 99.78752 (04042024) AT (540000.00, 4413000.00) GC
220. 93.61494 (04110724) AT (540000.00, 4413000.00) GC
181. 99.72510 (04042424) AT (540000.00, 4413000.00) GC
221. 93.61226 (04121224) AT (539500.00, 4413000.00) GC
182. 99.69573 (04050324) AT (534500.00, 4421000.00) GC
222. 93.58699 (04041324) AT (532000.00, 4419500.00) GC
183. 99.52301 (04111224) AT (532000.00, 4419500.00) GC
223. 93.50859 (04051824) AT (534500.00, 4421000.00) GC
184. 99.46233 (04030124) AT (534500.00, 4421000.00) GC
224. 93.17687c(04102624) AT (534500.00, 4421000.00) GC
185. 99.36197 (04102124) AT (532000.00, 4419500.00) GC
225. 93.15648 (04030324) AT (532000.00, 4419500.00) GC
186. 99.22335 (04102024) AT (532000.00, 4419500.00) GC
226. 93.12126 (04101424) AT (534500.00, 4421000.00) GC
187. 99.12053 (04042424) AT (534500.00, 4421000.00) GC
227. 93.03269 (04092224) AT (532000.00, 4419500.00) GC
188. 99.02279 (04121024) AT (532000.00, 4419500.00) GC
228. 92.95680 (04021124) AT (540500.00, 4413000.00) GC
189. 98.92343 (04031524) AT (532000.00, 4419500.00) GC
229. 92.82905 (04011124) AT (535000.00, 4421500.00) GC
190. 98.87203 (04040624) AT (540500.00, 4413000.00) GC
230. 92.75087 (04110824) AT (532000.00, 4419500.00) GC
191. 98.83796 (04121224) AT (537000.00, 4418000.00) GC
231. 92.71189c(04121924) AT (540000.00, 4413000.00) GC
192. 98.78187 (04111024) AT (532000.00, 4419500.00) GC
232. 92.70087 (04030124) AT (532000.00, 4419500.00) GC
193. 98.43247 (04102824) AT (532000.00, 4419500.00) GC

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233.      92.36062c(04042524) AT ( 532000.00, 4419500.00)  GC
  194.      98.37597 (04122924) AT ( 532000.00, 4419500.00)  GC
234.      92.26994 (04120124) AT ( 531500.00, 4419500.00)  GC
  195.      98.09628 (04102524) AT ( 534500.00, 4421000.00)  GC
235.      92.19255 (04121124) AT ( 534500.00, 4421000.00)  GC
  196.      98.01246 (04011424) AT ( 540500.00, 4413000.00)  GC
236.      92.16025c(04122724) AT ( 532000.00, 4419500.00)  GC
  197.      97.51559 (04032124) AT ( 534500.00, 4421000.00)  GC
237.      92.02131 (04092724) AT ( 532000.00, 4419500.00)  GC
  198.      97.16732 (04092924) AT ( 532000.00, 4419500.00)  GC
238.      91.74163 (04071324) AT ( 540000.00, 4413000.00)  GC
  199.      97.09011 (04120524) AT ( 540500.00, 4413000.00)  GC
239.      91.73377 (04013124) AT ( 534500.00, 4421000.00)  GC
  200.      97.00851 (04012624) AT ( 540500.00, 4413000.00)  GC
240.      91.67539 (04100724) AT ( 534500.00, 4421000.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                  ***        14:35:06

                                             PAGE 131
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                  *** THE MAXIMUM  500  24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  YOL-KUM  ***
                                    INCLUDING SOURCE(S):    BACA1A   ,
BACA1B   , ON.ISIT., CALIK1   , CALIK2   , CALIK3   , 9ZYI9002,
         9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008,
9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E,
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9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K,
9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, . . . ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
241.	91.53235	(04102724)	(534500.00, 4421000.00)	GC
281.	87.15003	(04012624)	(533000.00, 4420000.00)	GC
242.	91.49116	(04091524)	(532000.00, 4419500.00)	GC
282.	86.92002	(04122224)	(531500.00, 4419500.00)	GC
243.	91.37140	(04083024)	(534500.00, 4421000.00)	GC
283.	86.83860	(04110724)	(537000.00, 4418000.00)	GC
244.	91.35759	(04071324)	(534500.00, 4421000.00)	GC
284.	86.83295	(04123124)	(531000.00, 4419000.00)	GC
245.	91.33517	(04090824)	(534500.00, 4421000.00)	GC
285.	86.80172c	(04122024)	(537000.00, 4418000.00)	GC
246.	91.31977	(04021924)	(540500.00, 4413000.00)	GC
286.	86.70725	(04041124)	(534500.00, 4421000.00)	GC
247.	91.01192	(04120124)	(531000.00, 4419000.00)	GC
287.	86.61146	(04122924)	(540000.00, 4413000.00)	GC
248.	90.91296	(04091924)	(534500.00, 4421000.00)	GC
288.	86.56704c	(04122024)	(537000.00, 4419500.00)	GC
249.	90.58706	(04012524)	(539500.00, 4413000.00)	GC
289.	86.47319	(04112524)	(532000.00, 4419500.00)	GC
250.	90.48560	(04042124)	(540000.00, 4413000.00)	GC
290.	86.40872	(04042424)	(540500.00, 4413000.00)	GC
251.	90.34662	(04040724)	(534500.00, 4421000.00)	GC
291.	86.26828	(04111124)	(540000.00, 4413000.00)	GC

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  252.      90.25353c(04122024) AT ( 531500.00, 4419500.00)  GC
292.      86.17733 (04121324) AT ( 540000.00, 4413000.00)  GC
  253.      90.08804 (04092624) AT ( 534500.00, 4421000.00)  GC
293.      86.14528 (04042124) AT ( 534500.00, 4421000.00)  GC
  254.      89.78403 (04102324) AT ( 534500.00, 4421000.00)  GC
294.      86.01484 (04123124) AT ( 537000.00, 4418000.00)  GC
  255.      89.74568 (04110224) AT ( 534500.00, 4421000.00)  GC
295.      86.01185 (04010224) AT ( 540500.00, 4413000.00)  GC
  256.      89.63507 (04111824) AT ( 540500.00, 4413000.00)  GC
296.      85.98988 (04042024) AT ( 539500.00, 4413000.00)  GC
  257.      89.58178 (04122124) AT ( 537000.00, 4419500.00)  GC
297.      85.79528c(04121924) AT ( 537000.00, 4418000.00)  GC
  258.      89.58114 (04092124) AT ( 534500.00, 4421000.00)  GC
298.      85.65162 (04101924) AT ( 540000.00, 4413000.00)  GC
  259.      89.48483 (04012124) AT ( 534500.00, 4421000.00)  GC
299.      85.43044 (04111924) AT ( 540000.00, 4413000.00)  GC
  260.      89.42875c(04011324) AT ( 532000.00, 4419500.00)  GC
300.      85.41632 (04020424) AT ( 531500.00, 4419500.00)  GC
  261.      89.42697 (04021924) AT ( 534500.00, 4421000.00)  GC
301.      85.38350 (04122124) AT ( 533000.00, 4420000.00)  GC
  262.      89.25746 (04122224) AT ( 537000.00, 4418000.00)  GC
302.      85.29412 (04060724) AT ( 534500.00, 4421000.00)  GC
  263.      89.19038 (04040624) AT ( 534500.00, 4421000.00)  GC
303.      85.19788c(04011324) AT ( 541000.00, 4413000.00)  GC
  264.      89.18664 (04032224) AT ( 534500.00, 4421000.00)  GC
304.      85.13198c(04011324) AT ( 537000.00, 4419500.00)  GC
  265.      89.14237 (04121224) AT ( 535000.00, 4421500.00)  GC
305.      85.09850 (04122124) AT ( 531000.00, 4419000.00)  GC
  266.      89.03353 (04101624) AT ( 532000.00, 4419500.00)  GC
306.      85.08721 (04060424) AT ( 534500.00, 4421000.00)  GC
  267.      88.87593 (04031024) AT ( 540000.00, 4413000.00)  GC
307.      85.05823 (04082124) AT ( 532000.00, 4419500.00)  GC
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  268.      88.40899 (04021824) AT ( 540000.00, 4413000.00)  GC
308.      84.98745 (04121124) AT ( 540000.00, 4413000.00)  GC
  269.      88.39357 (04040824) AT ( 540500.00, 4413000.00)  GC
309.      84.94214 (04020324) AT ( 537000.00, 4418000.00)  GC
  270.      88.34579c(04011224) AT ( 533000.00, 4420000.00)  GC
310.      84.92998 (04031024) AT ( 532000.00, 4419500.00)  GC
  271.      88.25317 (04012624) AT ( 537000.00, 4418000.00)  GC
311.      84.92932 (04092624) AT ( 532000.00, 4419500.00)  GC
  272.      88.07023c(04011224) AT ( 531000.00, 4419000.00)  GC
312.      84.89066 (04031124) AT ( 532000.00, 4419500.00)  GC
  273.      88.06106 (04011124) AT ( 532000.00, 4419500.00)  GC
313.      84.85081 (04050324) AT ( 540500.00, 4413000.00)  GC
  274.      88.04059 (04030224) AT ( 531500.00, 4419500.00)  GC
314.      84.77390 (04041324) AT ( 534500.00, 4421000.00)  GC
  275.      87.97081 (04012124) AT ( 540000.00, 4413000.00)  GC
315.      84.72308 (04101024) AT ( 540500.00, 4413000.00)  GC
  276.      87.59873 (04071324) AT ( 532000.00, 4419500.00)  GC
316.      84.51673 (04091524) AT ( 534500.00, 4421000.00)  GC
  277.      87.24159 (04120324) AT ( 534500.00, 4421000.00)  GC
317.      84.44856c(04011324) AT ( 536000.00, 4421000.00)  GC
  278.      87.23331 (04050924) AT ( 540500.00, 4413000.00)  GC
318.      84.42732 (04111124) AT ( 534500.00, 4421000.00)  GC
  279.      87.21309c(04011224) AT ( 541000.00, 4413000.00)  GC
319.      84.37506c(04010324) AT ( 540500.00, 4413000.00)  GC
  280.      87.21308 (04012524) AT ( 534500.00, 4421000.00)  GC
320.      84.25468 (04101124) AT ( 540000.00, 4413000.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                  ***        14:35:06

                                             PAGE 132
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**MODELOPTs: RegDFAULT CONC
 ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: YOL-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 , 9ZYI9002, 9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008, 9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E, 9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K, 9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, . . . ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
321.	83.93020	(04121824)	AT (540000.00, 4413000.00) GC	361.	81.56500	(04102324)	AT (532000.00, 4419500.00) GC
322.	83.91326	(04122224)	AT (531000.00, 4419000.00) GC	362.	81.46742	(04121224)	AT (537000.00, 4418500.00) GC
323.	83.85318	(04121224)	AT (532000.00, 4419500.00) GC	363.	81.41219c	(04011324)	AT (531000.00, 4419000.00) GC
324.	83.82540	(04093024)	AT (532000.00, 4419500.00) GC	364.	81.31792	(04031124)	AT (540000.00, 4413000.00) GC
325.	83.74600c	(04122024)	AT (534000.00, 4420500.00) GC	365.	81.26389	(04111124)	AT (534000.00, 4420000.00) GC
326.	83.68214	(04102224)	AT (532000.00, 4419500.00) GC				

366. 81.18809 (04101424) AT (532000.00, 4419500.00) GC
327. 83.67093 (04120924) AT (540500.00, 4413000.00) GC
367. 81.01951 (04082224) AT (534500.00, 4421000.00) GC
328. 83.66433 (04100824) AT (531000.00, 4419000.00) GC
368. 80.99410 (04110924) AT (540000.00, 4413000.00) GC
329. 83.44652 (04092424) AT (534500.00, 4421000.00) GC
369. 80.95015 (04101624) AT (540000.00, 4413000.00) GC
330. 83.38373 (04123124) AT (531500.00, 4419500.00) GC
370. 80.84325 (04092324) AT (540000.00, 4413000.00) GC
331. 83.15102 (04111424) AT (532000.00, 4419500.00) GC
371. 80.79400 (04110824) AT (534500.00, 4421000.00) GC
332. 83.13329 (04010624) AT (540000.00, 4413000.00) GC
372. 80.62763 (04010424) AT (540000.00, 4413000.00) GC
333. 83.07176 (04030224) AT (540500.00, 4413000.00) GC
373. 80.54779 (04101024) AT (534500.00, 4421000.00) GC
334. 83.05548c(04120424) AT (537000.00, 4418000.00) GC
374. 80.47785 (04012924) AT (540000.00, 4413000.00) GC
335. 83.02501 (04101824) AT (534500.00, 4421000.00) GC
375. 80.37784c(04011224) AT (534000.00, 4420500.00) GC
336. 82.99171 (04040924) AT (532000.00, 4419500.00) GC
376. 79.96045c(04011224) AT (536000.00, 4421000.00) GC
337. 82.96196c(04121924) AT (531000.00, 4419000.00) GC
377. 79.90567c(04020224) AT (539500.00, 4413000.00) GC
338. 82.94729c(04052124) AT (534500.00, 4421000.00) GC
378. 79.90458 (04050924) AT (532000.00, 4419500.00) GC
339. 82.93678 (04051724) AT (534500.00, 4421000.00) GC
379. 79.70120 (04041024) AT (532000.00, 4419500.00) GC
340. 82.91134 (04051924) AT (534500.00, 4421000.00) GC
380. 79.69649 (04030224) AT (533000.00, 4420000.00) GC
341. 82.88641 (04121224) AT (533000.00, 4420000.00) GC
381. 79.68214 (04032324) AT (534500.00, 4421000.00) GC
342. 82.75579 (04113024) AT (534500.00, 4421000.00) GC

382. 79.65045 (04110724) AT (540500.00, 4413000.00) GC
343. 82.60522 (04100824) AT (534500.00, 4421000.00) GC
383. 79.62164 (04102124) AT (540000.00, 4413000.00) GC
344. 82.60010 (04022324) AT (532000.00, 4419500.00) GC
384. 79.53269 (04122224) AT (533000.00, 4420000.00) GC
345. 82.59173c(04100124) AT (540500.00, 4413000.00) GC
385. 79.51031 (04122124) AT (534000.00, 4420500.00) GC
346. 82.57267 (04092024) AT (532000.00, 4419500.00) GC
386. 79.45647 (04122324) AT (531500.00, 4419500.00) GC
347. 82.50507c(04011324) AT (535000.00, 4421500.00) GC
387. 79.42969 (04011724) AT (534500.00, 4421000.00) GC
348. 82.27110 (04080424) AT (534500.00, 4421000.00) GC
388. 79.12694 (04082124) AT (534500.00, 4421000.00) GC
349. 82.25072 (04122324) AT (531000.00, 4419000.00) GC
389. 79.09784 (04112924) AT (534000.00, 4417500.00) GC
350. 82.23058 (04101724) AT (534500.00, 4421000.00) GC
390. 79.06264 (04110224) AT (532000.00, 4419500.00) GC
351. 81.92388c(04122424) AT (531500.00, 4419500.00) GC
391. 79.03751 (04071324) AT (540500.00, 4413000.00) GC
352. 81.85065 (04120224) AT (540000.00, 4413000.00) GC
392. 78.96471 (04092824) AT (534500.00, 4421000.00) GC
353. 81.70867 (04031624) AT (534500.00, 4421000.00) GC
393. 78.93405c(04031924) AT (540000.00, 4413000.00) GC
354. 81.69397 (04062424) AT (534500.00, 4421000.00) GC
394. 78.75470 (04083124) AT (534500.00, 4421000.00) GC
355. 81.68000 (04122124) AT (541000.00, 4413000.00) GC
395. 78.75245 (04091324) AT (534500.00, 4421000.00) GC
356. 81.67874 (04083024) AT (532000.00, 4419500.00) GC
396. 78.54846 (04011824) AT (540500.00, 4413000.00) GC
357. 81.66033 (04020324) AT (532000.00, 4419500.00) GC
397. 78.54830 (04111824) AT (532000.00, 4419500.00) GC
358. 81.63090 (04050424) AT (534500.00, 4421000.00) GC

398. 78.54455 (04050824) AT (540000.00, 4413000.00) GC
  359. 81.60021c(04122424) AT (537000.00, 4418000.00) GC
399. 78.51524 (04120124) AT (532000.00, 4419500.00) GC
  360. 81.59745c(04011224) AT (537000.00, 4419500.00) GC
400. 78.50279 (04092524) AT (540000.00, 4413000.00) GC
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/26/11
***
*** 14:35:06

 **MODELOPTs: RegDFAULT CONC
  ELEV

*** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: YOL-KUM ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 , 9ZYI9002,
9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008,
9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E,
9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K,
9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, . . . ,

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

 RANK CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE RANK
  CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE
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  401.      78.47676 (04022524) AT ( 532000.00, 4419500.00)  GC
441.      75.57241 (04111124) AT ( 537000.00, 4418500.00)  GC
  402.      78.44240 (04040624) AT ( 536000.00, 4421000.00)  GC
442.      75.31711 (04010124) AT ( 532000.00, 4419500.00)  GC
  403.      78.44013 (04120224) AT ( 534500.00, 4421000.00)  GC
443.      75.27753 (04081324) AT ( 534500.00, 4421000.00)  GC
  404.      78.42136 (04122224) AT ( 534000.00, 4420500.00)  GC
444.      75.26336 (04011124) AT ( 533000.00, 4420000.00)  GC
  405.      78.34006c(04120424) AT ( 535000.00, 4421500.00)  GC
445.      75.18241 (04021824) AT ( 540500.00, 4413000.00)  GC
  406.      78.30962 (04121224) AT ( 537000.00, 4419500.00)  GC
446.      75.08259 (04040124) AT ( 534500.00, 4421000.00)  GC
  407.      78.29631 (04022424) AT ( 534500.00, 4421000.00)  GC
447.      75.08142 (04091624) AT ( 532000.00, 4419500.00)  GC
  408.      78.25049 (04111224) AT ( 537000.00, 4418000.00)  GC
448.      75.03774 (04080924) AT ( 534500.00, 4421000.00)  GC
  409.      78.12583 (04100924) AT ( 532000.00, 4419500.00)  GC
449.      74.84531 (04123124) AT ( 540000.00, 4413000.00)  GC
  410.      77.69479 (04102524) AT ( 532000.00, 4419500.00)  GC
450.      74.77651c(04122424) AT ( 533000.00, 4420000.00)  GC
  411.      77.66246 (04032024) AT ( 534500.00, 4421000.00)  GC
451.      74.76153 (04122224) AT ( 537000.00, 4418500.00)  GC
  412.      77.54367 (04091424) AT ( 532000.00, 4419500.00)  GC
452.      74.70090 (04012524) AT ( 540000.00, 4413000.00)  GC
  413.      77.44285 (04092124) AT ( 532000.00, 4419500.00)  GC
453.      74.67737 (04100824) AT ( 531500.00, 4419500.00)  GC
  414.      77.39147 (04092824) AT ( 532000.00, 4419500.00)  GC
454.      74.62944 (04121124) AT ( 532000.00, 4419500.00)  GC
  415.      77.36944 (04010224) AT ( 532000.00, 4419500.00)  GC
455.      74.53385c(04120424) AT ( 532000.00, 4419500.00)  GC
  416.      77.24114c(04121924) AT ( 540500.00, 4413000.00)  GC
456.      74.47834 (04052424) AT ( 534500.00, 4421000.00)  GC
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  417.      77.04997 (04111024) AT ( 537000.00, 4418000.00)  GC
457.      74.46641 (04111324) AT ( 532500.00, 4419500.00)  GC
  418.      77.04753 (04111024) AT ( 531000.00, 4419000.00)  GC
458.      74.40348c(04122424) AT ( 534000.00, 4420500.00)  GC
  419.      76.97169 (04021124) AT ( 531000.00, 4419000.00)  GC
459.      74.35586c(04122024) AT ( 537000.00, 4418500.00)  GC
  420.      76.85467 (04111024) AT ( 534500.00, 4421000.00)  GC
460.      74.28302 (04091924) AT ( 532000.00, 4419500.00)  GC
  421.      76.80479 (04042024) AT ( 540500.00, 4413000.00)  GC
461.      74.16230 (04093024) AT ( 531000.00, 4419000.00)  GC
  422.      76.75655 (04122824) AT ( 537000.00, 4418000.00)  GC
462.      74.11517 (04012824) AT ( 540000.00, 4413000.00)  GC
  423.      76.73455 (04111524) AT ( 534500.00, 4421000.00)  GC
463.      74.10758 (04060524) AT ( 532000.00, 4419500.00)  GC
  424.      76.70927 (04122824) AT ( 540500.00, 4413000.00)  GC
464.      74.07241 (04100324) AT ( 532000.00, 4419500.00)  GC
  425.      76.67565 (04040824) AT ( 534500.00, 4421000.00)  GC
465.      74.00627 (04100724) AT ( 532000.00, 4419500.00)  GC
  426.      76.62165 (04090124) AT ( 532000.00, 4419500.00)  GC
466.      73.99927 (04111924) AT ( 540500.00, 4413000.00)  GC
  427.      76.54594 (04050224) AT ( 534500.00, 4421000.00)  GC
467.      73.98498c(04011224) AT ( 537000.00, 4418000.00)  GC
  428.      76.51063c(04122724) AT ( 540000.00, 4413000.00)  GC
468.      73.90984 (04082324) AT ( 534500.00, 4421000.00)  GC
  429.      76.50955c(04122024) AT ( 535500.00, 4421500.00)  GC
469.      73.83897 (04120924) AT ( 532000.00, 4419500.00)  GC
  430.      76.44537 (04121224) AT ( 534000.00, 4420500.00)  GC
470.      73.80309 (04060924) AT ( 540000.00, 4413000.00)  GC
  431.      76.41846 (04090824) AT ( 532000.00, 4419500.00)  GC
471.      73.73966 (04012624) AT ( 532000.00, 4419500.00)  GC
  432.      76.39319 (04031624) AT ( 532000.00, 4419500.00)  GC
472.      73.71519 (04102924) AT ( 532000.00, 4419500.00)  GC
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  433.      76.39028 (04060424) AT ( 532000.00, 4419500.00)  GC
473.      73.67922c(04120424) AT ( 536000.00, 4421000.00)  GC
  434.      76.31954 (04122124) AT ( 537000.00, 4418000.00)  GC
474.      73.61005 (04011524) AT ( 540000.00, 4413000.00)  GC
  435.      76.27309 (04092324) AT ( 534500.00, 4421000.00)  GC
475.      73.58881 (04111624) AT ( 534500.00, 4421000.00)  GC
  436.      76.11819 (04122124) AT ( 536000.00, 4421000.00)  GC
476.      73.58847c(04102624) AT ( 531000.00, 4419000.00)  GC
  437.      76.03560 (04012624) AT ( 531000.00, 4419500.00)  GC
477.      73.56113 (04041024) AT ( 540000.00, 4413000.00)  GC
  438.      75.79826 (04081424) AT ( 534500.00, 4421000.00)  GC
478.      73.55429 (04121124) AT ( 540500.00, 4413000.00)  GC
  439.      75.69296 (04123024) AT ( 532000.00, 4419500.00)  GC
479.      73.54302 (04092724) AT ( 533500.00, 4416000.00)  GC
  440.      75.68181 (04010124) AT ( 540000.00, 4413000.00)  GC
480.      73.45591 (04102024) AT ( 540000.00, 4413000.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                  ***        14:35:06

                                             PAGE 134
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                *** THE MAXIMUM  500  24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  YOL-KUM  ***
                                  INCLUDING SOURCE(S):    BACA1A  ,
BACA1B  , ON.ISIT., CALIK1  , CALIK2  , CALIK3  , 9ZYI9002,
         9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008,
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9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E,
9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K,
9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, . . . ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE		RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
481.	73.43813	(04012624)	(537000.00, 4418500.00)	GC	491.	72.73422	(04042024)	(532000.00, 4419500.00)	GC
482.	73.23488	(04082724)	(532000.00, 4419500.00)	GC	492.	72.72980	(04102424)	(532500.00, 4419500.00)	GC
483.	73.09897	(04121824)	(532000.00, 4419500.00)	GC	493.	72.64334	(04100324)	(534500.00, 4421000.00)	GC
484.	73.07217	(04122924)	(540500.00, 4413000.00)	GC	494.	72.60203	(04112524)	(531500.00, 4419500.00)	GC
485.	73.05332	(04111524)	(540000.00, 4413000.00)	GC	495.	72.40578	(04120324)	(540000.00, 4413000.00)	GC
486.	73.02046	(04060924)	(534500.00, 4421000.00)	GC	496.	72.37394	(04012624)	(534000.00, 4420500.00)	GC
487.	72.94560	(04122824)	(531500.00, 4419500.00)	GC	497.	72.35592	(04101024)	(532000.00, 4419500.00)	GC
488.	72.86411	(04111124)	(540500.00, 4413000.00)	GC	498.	72.34231	(04111224)	(531000.00, 4419000.00)	GC
489.	72.77385	(04020324)	(533000.00, 4420000.00)	GC	499.	72.31276c	(04011324)	(533000.00, 4420000.00)	GC
490.	72.75240	(04080524)	(532000.00, 4419500.00)	GC	500.	72.31153	(04121824)	(540500.00, 4413000.00)	GC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
*** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/26/11
***
*** 14:35:06

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: YOL ***
INCLUDING SOURCE(S): 9ZYI9002, 9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008, 9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E, 9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K, 9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, 9ZYI900Q, 9ZYI900R, 9ZYI900S, 9ZYI900T, 9ZYI900U, 9ZYI900V, . . . ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
1.	214.16735c	(04122024) AT	(540000.00, 4413000.00) GC				

41. 133.63622c(04120424) AT (540500.00, 4413000.00) GC
2. 189.24840c(04122024) AT (540500.00, 4413000.00) GC
42. 133.38444 (04120624) AT (534500.00, 4421000.00) GC
3. 180.77149c(04011224) AT (540000.00, 4413000.00) GC
43. 133.22383c(04121924) AT (532000.00, 4419500.00) GC
4. 170.12700c(04011324) AT (540000.00, 4413000.00) GC
44. 133.09651 (04030224) AT (534500.00, 4421000.00) GC
5. 169.85839 (04122124) AT (540000.00, 4413000.00) GC
45. 132.72049 (04122524) AT (534500.00, 4421000.00) GC
6. 168.93619 (04122224) AT (534500.00, 4421000.00) GC
46. 132.13057 (04122824) AT (534500.00, 4421000.00) GC
7. 166.74031 (04122224) AT (532000.00, 4419500.00) GC
47. 131.98527 (04121224) AT (540500.00, 4413000.00) GC
8. 162.77298 (04121224) AT (540000.00, 4413000.00) GC
48. 131.60307 (04122624) AT (534500.00, 4421000.00) GC
9. 160.46542 (04111324) AT (534500.00, 4421000.00) GC
49. 130.48753c(04121924) AT (534500.00, 4421000.00) GC
10. 158.41315c(04122424) AT (534500.00, 4421000.00) GC
50. 130.42947 (04102124) AT (534500.00, 4421000.00) GC
11. 157.73812 (04102424) AT (534500.00, 4421000.00) GC
51. 130.18509 (04110724) AT (534500.00, 4421000.00) GC
12. 157.30634c(04011224) AT (534500.00, 4421000.00) GC
52. 130.17108 (04012724) AT (540000.00, 4413000.00) GC
13. 155.50227c(04011224) AT (540500.00, 4413000.00) GC
53. 129.64354 (04022324) AT (534500.00, 4421000.00) GC
14. 155.39739 (04121224) AT (534500.00, 4421000.00) GC
54. 128.66154 (04101924) AT (534500.00, 4421000.00) GC
15. 155.10733 (04122124) AT (534500.00, 4421000.00) GC
55. 128.65065c(04122724) AT (534500.00, 4421000.00) GC
16. 153.22536c(04120424) AT (540000.00, 4413000.00) GC
56. 128.62564 (04121824) AT (534500.00, 4421000.00) GC
17. 152.80089 (04012624) AT (534500.00, 4421000.00) GC

57. 128.52717 (04102424) AT (532000.00, 4419500.00) GC
18. 149.47138c(04011324) AT (540500.00, 4413000.00) GC
58. 128.50423 (04121024) AT (534500.00, 4421000.00) GC
19. 147.87676 (04122124) AT (540500.00, 4413000.00) GC
59. 128.19892 (04120924) AT (534500.00, 4421000.00) GC
20. 147.86478c(04122024) AT (534500.00, 4421000.00) GC
60. 127.67064 (04030924) AT (532000.00, 4419500.00) GC
21. 147.55929 (04011124) AT (540000.00, 4413000.00) GC
61. 127.16205 (04092924) AT (534500.00, 4421000.00) GC
22. 145.11903c(04110124) AT (534500.00, 4421000.00) GC
62. 126.76773 (04101524) AT (534500.00, 4421000.00) GC
23. 145.01032 (04030924) AT (534500.00, 4421000.00) GC
63. 125.74713 (04020324) AT (540000.00, 4413000.00) GC
24. 140.15336 (04103024) AT (534500.00, 4421000.00) GC
64. 125.25405 (04110524) AT (534500.00, 4421000.00) GC
25. 140.01932 (04020424) AT (532000.00, 4419500.00) GC
65. 124.82915 (04020424) AT (534500.00, 4421000.00) GC
26. 139.48910 (04112524) AT (540000.00, 4413000.00) GC
66. 124.64847 (04122824) AT (532000.00, 4419500.00) GC
27. 139.34574 (04122524) AT (540000.00, 4413000.00) GC
67. 124.51346 (04011124) AT (540500.00, 4413000.00) GC
28. 139.14904 (04123124) AT (532000.00, 4419500.00) GC
68. 124.47064 (04011124) AT (534500.00, 4421000.00) GC
29. 137.97255 (04010224) AT (534500.00, 4421000.00) GC
69. 123.90929c(04010324) AT (534500.00, 4421000.00) GC
30. 136.63752 (04120124) AT (540000.00, 4413000.00) GC
70. 123.41468 (04103124) AT (532000.00, 4419500.00) GC
31. 136.37705c(04120424) AT (534500.00, 4421000.00) GC
71. 122.66059 (04092724) AT (534500.00, 4421000.00) GC
32. 135.72800c(04011324) AT (534500.00, 4421000.00) GC
72. 121.90881 (04031224) AT (534500.00, 4421000.00) GC
33. 135.41685 (04121624) AT (534500.00, 4421000.00) GC

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73.     121.59360 (04021824) AT ( 532000.00, 4419500.00)  GC
   34.     134.59674 (04012624) AT ( 539500.00, 4413000.00)  GC
74.     121.08357 (04022524) AT ( 540000.00, 4413000.00)  GC
   35.     134.23410 (04012624) AT ( 540000.00, 4413000.00)  GC
75.     120.14739 (04112524) AT ( 540500.00, 4413000.00)  GC
   36.     134.20988 (04020324) AT ( 534500.00, 4421000.00)  GC
76.     119.87469 (04100824) AT ( 540000.00, 4413000.00)  GC
   37.     134.14775c(04122424) AT ( 532000.00, 4419500.00)  GC
77.     119.85609c(04020224) AT ( 534500.00, 4421000.00)  GC
   38.     134.07647 (04122624) AT ( 540000.00, 4413000.00)  GC
78.     119.28782 (04042024) AT ( 534500.00, 4421000.00)  GC
   39.     133.80050 (04021824) AT ( 534500.00, 4421000.00)  GC
79.     119.27801 (04103024) AT ( 532000.00, 4419500.00)  GC
   40.     133.72668 (04122324) AT ( 540000.00, 4413000.00)  GC
80.     118.41281 (04122524) AT ( 540500.00, 4413000.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                   ***        14:35:06

                                              PAGE 136
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                  *** THE MAXIMUM  500  24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  YOL      ***
                                    INCLUDING SOURCE(S):    9ZYI9002,
9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008,
          9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E,
9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K,
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9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, 9ZYI900Q,
9ZYI900R, 9ZYI900S, 9ZYI900T, 9ZYI900U, 9ZYI900V, . . . ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
81.	118.28701	(04030224)	(532000.00, 4419500.00)	GC
121.	107.66440	(04093024)	(540000.00, 4413000.00)	GC
82.	118.05793	(04032124)	(540000.00, 4413000.00)	GC
122.	107.32131	(04120624)	(532000.00, 4419500.00)	GC
83.	118.03452	(04022324)	(540000.00, 4413000.00)	GC
123.	107.15059	(04111924)	(534500.00, 4421000.00)	GC
84.	117.96127	(04100924)	(540000.00, 4413000.00)	GC
124.	106.91587	(04101924)	(532000.00, 4419500.00)	GC
85.	117.88725	(04112524)	(534500.00, 4421000.00)	GC
125.	106.82963	(04110924)	(532000.00, 4419500.00)	GC
86.	117.82012	(04111824)	(534500.00, 4421000.00)	GC
126.	106.65456	(04012724)	(534500.00, 4421000.00)	GC
87.	117.49092	(04103124)	(534500.00, 4421000.00)	GC
127.	106.41797	(04110524)	(532000.00, 4419500.00)	GC
88.	117.07958	(04031124)	(534500.00, 4421000.00)	GC
128.	106.30458c	(04122024)	(531000.00, 4419000.00)	GC
89.	116.66889	(04093024)	(534500.00, 4421000.00)	GC
129.	106.27922	(04011824)	(534500.00, 4421000.00)	GC
90.	116.62839c	(04102624)	(532000.00, 4419500.00)	GC
130.	105.76788	(04111224)	(534500.00, 4421000.00)	GC
91.	116.44753	(04120524)	(534500.00, 4421000.00)	GC
131.	105.67264	(04120924)	(540000.00, 4413000.00)	GC

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   92.     116.14024c(04122424) AT ( 540000.00, 4413000.00)  GC
132.     105.53828 (04111824) AT ( 540000.00, 4413000.00)  GC
   93.     116.08308 (04092224) AT ( 534500.00, 4421000.00)  GC
133.     105.45113c(04042524) AT ( 534500.00, 4421000.00)  GC
   94.     115.93104 (04110624) AT ( 534500.00, 4421000.00)  GC
134.     105.28920 (04011024) AT ( 534500.00, 4421000.00)  GC
   95.     115.45162 (04110924) AT ( 534500.00, 4421000.00)  GC
135.     104.84448 (04100824) AT ( 540500.00, 4413000.00)  GC
   96.     114.82688 (04120124) AT ( 540500.00, 4413000.00)  GC
136.     104.69532 (04030324) AT ( 534500.00, 4421000.00)  GC
   97.     114.35814c(04110124) AT ( 532000.00, 4419500.00)  GC
137.     104.57943 (04111124) AT ( 532000.00, 4419500.00)  GC
   98.     114.18035 (04101624) AT ( 534500.00, 4421000.00)  GC
138.     104.29144 (04010224) AT ( 540000.00, 4413000.00)  GC
   99.     114.03708 (04120524) AT ( 540000.00, 4413000.00)  GC
139.     104.25818 (04102224) AT ( 534500.00, 4421000.00)  GC
  100.     113.90424 (04030824) AT ( 534500.00, 4421000.00)  GC
140.     104.14187 (04021924) AT ( 540000.00, 4413000.00)  GC
  101.     113.70193 (04030824) AT ( 532000.00, 4419500.00)  GC
141.     104.11209 (04031024) AT ( 534500.00, 4421000.00)  GC
  102.     113.70155 (04122124) AT ( 532000.00, 4419500.00)  GC
142.     103.81873 (04120824) AT ( 532000.00, 4419500.00)  GC
  103.     113.60404 (04122224) AT ( 540000.00, 4413000.00)  GC
143.     103.78947 (04101124) AT ( 534500.00, 4421000.00)  GC
  104.     113.48902 (04122324) AT ( 540500.00, 4413000.00)  GC
144.     103.78188c(04011224) AT ( 531500.00, 4419500.00)  GC
  105.     113.45925 (04011424) AT ( 540000.00, 4413000.00)  GC
145.     103.77667 (04012724) AT ( 540500.00, 4413000.00)  GC
  106.     113.17324 (04122624) AT ( 540500.00, 4413000.00)  GC
146.     103.67969 (04102024) AT ( 534500.00, 4421000.00)  GC
  107.     113.14562 (04120824) AT ( 534500.00, 4421000.00)  GC
147.     103.60973 (04120124) AT ( 534500.00, 4421000.00)  GC
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  108.     113.09536 (04041224) AT ( 534500.00, 4421000.00)  GC
148.     103.24148c(04010324) AT ( 540000.00, 4413000.00)  GC
  109.     112.96781 (04111324) AT ( 532000.00, 4419500.00)  GC
149.     103.06266 (04100924) AT ( 540500.00, 4413000.00)  GC
  110.     112.43006 (04122924) AT ( 534500.00, 4421000.00)  GC
150.     103.02522 (04031524) AT ( 534500.00, 4421000.00)  GC
  111.     111.75345 (04040624) AT ( 540000.00, 4413000.00)  GC
151.     102.78899 (04102924) AT ( 534500.00, 4421000.00)  GC
  112.     111.32401 (04123124) AT ( 534500.00, 4421000.00)  GC
152.     102.73797 (04101024) AT ( 540000.00, 4413000.00)  GC
  113.     111.20831c(04122024) AT ( 532000.00, 4419500.00)  GC
153.     102.67298 (04121324) AT ( 534500.00, 4421000.00)  GC
  114.     109.88254 (04021124) AT ( 540000.00, 4413000.00)  GC
154.     102.67100 (04120524) AT ( 532000.00, 4419500.00)  GC
  115.     109.57265 (04100924) AT ( 534500.00, 4421000.00)  GC
155.     102.15397 (04101524) AT ( 532000.00, 4419500.00)  GC
  116.     109.17295 (04121624) AT ( 532000.00, 4419500.00)  GC
156.     102.07264 (04110724) AT ( 532000.00, 4419500.00)  GC
  117.     109.14518c(04011224) AT ( 535000.00, 4421500.00)  GC
157.     101.97065 (04021724) AT ( 534500.00, 4421000.00)  GC
  118.     108.57381 (04123024) AT ( 534500.00, 4421000.00)  GC
158.     101.84825 (04030224) AT ( 540000.00, 4413000.00)  GC
  119.     108.42924 (04122524) AT ( 532000.00, 4419500.00)  GC
159.     101.64064 (04022524) AT ( 540500.00, 4413000.00)  GC
  120.     108.14794 (04102824) AT ( 534500.00, 4421000.00)  GC
160.     101.57037 (04091424) AT ( 534500.00, 4421000.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                  ***        14:35:06

                                             PAGE 137
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**MODELOPTs: RegDFAULT CONC
 ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: YOL ***
INCLUDING SOURCE(S): 9ZYI9002, 9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008,
9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E, 9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K,
9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, 9ZYI900Q, 9ZYI900R, 9ZYI900S, 9ZYI900T, 9ZYI900U, 9ZYI900V, . . . ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
161.	101.49257c	(04031924)	AT (534500.00, 4421000.00) GC	201.	96.18091	(04122224)	AT (540500.00, 4413000.00) GC
162.	101.46026	(04011024)	AT (532000.00, 4419500.00) GC	202.	96.08423	(04122124)	AT (535000.00, 4421500.00) GC
163.	101.22241	(04022524)	AT (534500.00, 4421000.00) GC	203.	96.01370c	(04122024)	AT (541000.00, 4413000.00) GC
164.	101.06074	(04041024)	AT (534500.00, 4421000.00) GC	204.	95.28682	(04111124)	AT (531000.00, 4419000.00) GC
165.	100.96434	(04020324)	AT (540500.00, 4413000.00) GC	205.	95.21817	(04010124)	AT (534500.00, 4421000.00) GC
166.	100.76647	(04040824)	AT (540000.00, 4413000.00) GC				

206. 95.06549c(04100124) AT (540000.00, 4413000.00) GC
167. 100.69372 (04102724) AT (532000.00, 4419500.00) GC
207. 95.03951 (04122124) AT (531500.00, 4419500.00) GC
168. 100.67306 (04050324) AT (540000.00, 4413000.00) GC
208. 94.98032c(04020224) AT (540000.00, 4413000.00) GC
169. 100.60351 (04111424) AT (534500.00, 4421000.00) GC
209. 94.96564 (04092024) AT (534500.00, 4421000.00) GC
170. 100.59366 (04022324) AT (540500.00, 4413000.00) GC
210. 94.70001 (04091624) AT (534500.00, 4421000.00) GC
171. 100.30003c(04122024) AT (536000.00, 4421000.00) GC
211. 94.64895 (04031224) AT (532000.00, 4419500.00) GC
172. 100.29009c(04122424) AT (540500.00, 4413000.00) GC
212. 94.51597 (04122824) AT (540000.00, 4413000.00) GC
173. 100.09134 (04050924) AT (540000.00, 4413000.00) GC
213. 94.33088 (04111124) AT (537000.00, 4418000.00) GC
174. 100.08933c(04122024) AT (535000.00, 4421500.00) GC
214. 94.31272 (04011124) AT (531500.00, 4419500.00) GC
175. 100.01139 (04011424) AT (534500.00, 4421000.00) GC
215. 93.63232 (04093024) AT (540500.00, 4413000.00) GC
176. 99.91073 (04032124) AT (540500.00, 4413000.00) GC
216. 93.58871 (04050924) AT (534500.00, 4421000.00) GC
177. 99.72357 (04042024) AT (540000.00, 4413000.00) GC
217. 93.54410c(04122024) AT (533000.00, 4420000.00) GC
178. 99.66639 (04042424) AT (540000.00, 4413000.00) GC
218. 93.53555 (04011824) AT (540000.00, 4413000.00) GC
179. 99.38975 (04050324) AT (534500.00, 4421000.00) GC
219. 93.49143 (04121224) AT (539500.00, 4413000.00) GC
180. 99.29989 (04111224) AT (532000.00, 4419500.00) GC
220. 93.46643 (04110724) AT (540000.00, 4413000.00) GC
181. 99.27588c(04011224) AT (532000.00, 4419500.00) GC
221. 93.26443 (04041324) AT (532000.00, 4419500.00) GC
182. 99.27195 (04030124) AT (534500.00, 4421000.00) GC

222. 92.97739c(04102624) AT (534500.00, 4421000.00) GC
183. 99.27057 (04122324) AT (534500.00, 4421000.00) GC
223. 92.91932 (04051824) AT (534500.00, 4421000.00) GC
184. 99.22463 (04102124) AT (532000.00, 4419500.00) GC
224. 92.91672 (04030324) AT (532000.00, 4419500.00) GC
185. 98.99148 (04102024) AT (532000.00, 4419500.00) GC
225. 92.90150 (04092224) AT (532000.00, 4419500.00) GC
186. 98.85470 (04040624) AT (540500.00, 4413000.00) GC
226. 92.82256 (04101424) AT (534500.00, 4421000.00) GC
187. 98.70450 (04121024) AT (532000.00, 4419500.00) GC
227. 92.82009 (04021124) AT (540500.00, 4413000.00) GC
188. 98.63609 (04031524) AT (532000.00, 4419500.00) GC
228. 92.58361 (04030124) AT (532000.00, 4419500.00) GC
189. 98.61789 (04042424) AT (534500.00, 4421000.00) GC
229. 92.53760 (04110824) AT (532000.00, 4419500.00) GC
190. 98.48240 (04111024) AT (532000.00, 4419500.00) GC
230. 92.51767c(04121924) AT (540000.00, 4413000.00) GC
191. 98.39529 (04121224) AT (537000.00, 4418000.00) GC
231. 92.17766 (04120124) AT (531500.00, 4419500.00) GC
192. 98.27305 (04102824) AT (532000.00, 4419500.00) GC
232. 92.01913c(04042524) AT (532000.00, 4419500.00) GC
193. 97.99719 (04011424) AT (540500.00, 4413000.00) GC
233. 91.93977 (04121124) AT (534500.00, 4421000.00) GC
194. 97.88278 (04122924) AT (532000.00, 4419500.00) GC
234. 91.82212 (04092724) AT (532000.00, 4419500.00) GC
195. 97.59635 (04102524) AT (534500.00, 4421000.00) GC
235. 91.71105 (04071324) AT (540000.00, 4413000.00) GC
196. 97.06303 (04092924) AT (532000.00, 4419500.00) GC
236. 91.62560 (04011124) AT (535000.00, 4421500.00) GC
197. 96.99313 (04032124) AT (534500.00, 4421000.00) GC
237. 91.44844c(04122724) AT (532000.00, 4419500.00) GC
198. 96.98606 (04120524) AT (540500.00, 4413000.00) GC

238. 91.41284 (04100724) AT (534500.00, 4421000.00) GC
  199. 96.79821 (04012624) AT (540500.00, 4413000.00) GC
239. 91.33929 (04013124) AT (534500.00, 4421000.00) GC
  200. 96.72691 (04040924) AT (534500.00, 4421000.00) GC
240. 91.29475 (04102724) AT (534500.00, 4421000.00) GC
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/26/11
***
*** 14:35:06

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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: YOL ***
INCLUDING SOURCE(S): 9ZYI9002,
9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008,
9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E,
9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K,
9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, 9ZYI900Q,
9ZYI900R, 9ZYI900S, 9ZYI900T, 9ZYI900U, 9ZYI900V, . . . ,

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

RANK CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE RANK
CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE
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  241.      91.27525 (04071324) AT ( 534500.00, 4421000.00)  GC
281.      86.52513 (04123124) AT ( 531000.00, 4419000.00)  GC
  242.      91.20597 (04021924) AT ( 540500.00, 4413000.00)  GC
282.      86.43439 (04041124) AT ( 534500.00, 4421000.00)  GC
  243.      91.18931 (04091524) AT ( 532000.00, 4419500.00)  GC
283.      86.35111 (04042424) AT ( 540500.00, 4413000.00)  GC
  244.      91.06173 (04083024) AT ( 534500.00, 4421000.00)  GC
284.      86.31739 (04122924) AT ( 540000.00, 4413000.00)  GC
  245.      90.93525 (04090824) AT ( 534500.00, 4421000.00)  GC
285.      86.25930 (04110724) AT ( 537000.00, 4418000.00)  GC
  246.      90.92280 (04120124) AT ( 531000.00, 4419000.00)  GC
286.      86.23010 (04122224) AT ( 531500.00, 4419500.00)  GC
  247.      90.58249 (04012524) AT ( 539500.00, 4413000.00)  GC
287.      86.20750c(04122024) AT ( 537000.00, 4418000.00)  GC
  248.      90.53141 (04091924) AT ( 534500.00, 4421000.00)  GC
288.      86.16184 (04121324) AT ( 540000.00, 4413000.00)  GC
  249.      90.25523 (04040724) AT ( 534500.00, 4421000.00)  GC
289.      86.10221 (04111124) AT ( 540000.00, 4413000.00)  GC
  250.      90.20424 (04042124) AT ( 540000.00, 4413000.00)  GC
290.      85.92836 (04042024) AT ( 539500.00, 4413000.00)  GC
  251.      89.79776 (04092624) AT ( 534500.00, 4421000.00)  GC
291.      85.84784 (04112524) AT ( 532000.00, 4419500.00)  GC
  252.      89.63659c(04122024) AT ( 531500.00, 4419500.00)  GC
292.      85.79649 (04010224) AT ( 540500.00, 4413000.00)  GC
  253.      89.43886 (04110224) AT ( 534500.00, 4421000.00)  GC
293.      85.77081 (04042124) AT ( 534500.00, 4421000.00)  GC
  254.      89.41152 (04102324) AT ( 534500.00, 4421000.00)  GC
294.      85.72706c(04122024) AT ( 537000.00, 4419500.00)  GC
  255.      89.40308c(04011324) AT ( 532000.00, 4419500.00)  GC
295.      85.57845 (04101924) AT ( 540000.00, 4413000.00)  GC
  256.      89.39872 (04111824) AT ( 540500.00, 4413000.00)  GC
296.      85.35099 (04111924) AT ( 540000.00, 4413000.00)  GC
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  257.      89.33575 (04092124) AT ( 534500.00, 4421000.00)  GC
297.      85.34608 (04123124) AT ( 537000.00, 4418000.00)  GC
  258.      88.97851 (04122124) AT ( 537000.00, 4419500.00)  GC
298.      85.34356c(04121924) AT ( 537000.00, 4418000.00)  GC
  259.      88.88982 (04101624) AT ( 532000.00, 4419500.00)  GC
299.      85.30149 (04020424) AT ( 531500.00, 4419500.00)  GC
  260.      88.87675 (04012124) AT ( 534500.00, 4421000.00)  GC
300.      85.17228c(04011324) AT ( 541000.00, 4413000.00)  GC
  261.      88.86596 (04032224) AT ( 534500.00, 4421000.00)  GC
301.      85.06230 (04060724) AT ( 534500.00, 4421000.00)  GC
  262.      88.85494 (04021924) AT ( 534500.00, 4421000.00)  GC
302.      84.94408 (04122124) AT ( 533000.00, 4420000.00)  GC
  263.      88.79998 (04122224) AT ( 537000.00, 4418000.00)  GC
303.      84.90615 (04082124) AT ( 532000.00, 4419500.00)  GC
  264.      88.71317 (04031024) AT ( 540000.00, 4413000.00)  GC
304.      84.87460 (04031124) AT ( 532000.00, 4419500.00)  GC
  265.      88.38300 (04040824) AT ( 540500.00, 4413000.00)  GC
305.      84.85609 (04020324) AT ( 537000.00, 4418000.00)  GC
  266.      88.32901 (04121224) AT ( 535000.00, 4421500.00)  GC
306.      84.85386 (04121124) AT ( 540000.00, 4413000.00)  GC
  267.      88.25188 (04040624) AT ( 534500.00, 4421000.00)  GC
307.      84.84400 (04031024) AT ( 532000.00, 4419500.00)  GC
  268.      88.23823 (04021824) AT ( 540000.00, 4413000.00)  GC
308.      84.80092 (04050324) AT ( 540500.00, 4413000.00)  GC
  269.      87.91186 (04012624) AT ( 537000.00, 4418000.00)  GC
309.      84.77271 (04092624) AT ( 532000.00, 4419500.00)  GC
  270.      87.89751 (04011124) AT ( 532000.00, 4419500.00)  GC
310.      84.75388 (04060424) AT ( 534500.00, 4421000.00)  GC
  271.      87.89446 (04012124) AT ( 540000.00, 4413000.00)  GC
311.      84.70624 (04122124) AT ( 531000.00, 4419000.00)  GC
  272.      87.85472 (04030224) AT ( 531500.00, 4419500.00)  GC
312.      84.67809c(04011324) AT ( 537000.00, 4419500.00)  GC
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  273.   87.56912 (04071324) AT (532000.00, 4419500.00) GC
313.   84.66103 (04101024) AT (540500.00, 4413000.00) GC
  274.   87.20261 (04050924) AT (540500.00, 4413000.00) GC
314.   84.23324 (04041324) AT (534500.00, 4421000.00) GC
  275.   87.20188c(04011224) AT (531000.00, 4419000.00) GC
315.   84.20646 (04101124) AT (540000.00, 4413000.00) GC
  276.   87.01673 (04120324) AT (534500.00, 4421000.00) GC
316.   84.15020c(04010324) AT (540500.00, 4413000.00) GC
  277.   86.94382c(04011224) AT (533000.00, 4420000.00) GC
317.   84.13058 (04091524) AT (534500.00, 4421000.00) GC
  278.   86.91905 (04012524) AT (534500.00, 4421000.00) GC
318.   84.04821 (04111124) AT (534500.00, 4421000.00) GC
  279.   86.85130c(04011224) AT (541000.00, 4413000.00) GC
319.   83.93078c(04011324) AT (536000.00, 4421000.00) GC
  280.   86.54628 (04012624) AT (533000.00, 4420000.00) GC
320.   83.74512 (04093024) AT (532000.00, 4419500.00) GC
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/26/11
                                  ***
                                  ***   14:35:06

                                             PAGE 139
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: YOL   ***
                                  INCLUDING SOURCE(S):   9ZYI9002,
9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008,
          9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E,

9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K,
9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, 9ZYI900Q,
9ZYI900R, 9ZYI900S, 9ZYI900T, 9ZYI900U, 9ZYI900V, . . . ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
321.	83.63628	(04120924)	(540500.00, 4413000.00)	GC
361.	81.21668	(04102324)	(532000.00, 4419500.00)	GC
322.	83.62395	(04100824)	(531000.00, 4419000.00)	GC
362.	81.10381	(04121224)	(537000.00, 4418500.00)	GC
323.	83.61062	(04121824)	(540000.00, 4413000.00)	GC
363.	80.94866	(04101424)	(532000.00, 4419500.00)	GC
324.	83.55153	(04121224)	(532000.00, 4419500.00)	GC
364.	80.89667	(04101624)	(540000.00, 4413000.00)	GC
325.	83.39931	(04102224)	(532000.00, 4419500.00)	GC
365.	80.87302	(04110924)	(540000.00, 4413000.00)	GC
326.	83.26503	(04092424)	(534500.00, 4421000.00)	GC
366.	80.82295	(04111124)	(534000.00, 4420000.00)	GC
327.	83.08738	(04122224)	(531000.00, 4419000.00)	GC
367.	80.79935	(04092324)	(540000.00, 4413000.00)	GC
328.	83.07784	(04123124)	(531500.00, 4419500.00)	GC
368.	80.66179	(04082224)	(534500.00, 4421000.00)	GC
329.	83.06683	(04010624)	(540000.00, 4413000.00)	GC
369.	80.61739c	(04011224)	(537000.00, 4419500.00)	GC
330.	82.99794	(04030224)	(540500.00, 4413000.00)	GC
370.	80.53747	(04010424)	(540000.00, 4413000.00)	GC
331.	82.96680c	(04122024)	(534000.00, 4420500.00)	GC

371. 80.45721 (04012924) AT (540000.00, 4413000.00) GC
332. 82.87515 (04040924) AT (532000.00, 4419500.00) GC
372. 80.38677 (04110824) AT (534500.00, 4421000.00) GC
333. 82.81668c(04120424) AT (537000.00, 4418000.00) GC
373. 80.36691 (04101024) AT (534500.00, 4421000.00) GC
334. 82.78130 (04111424) AT (532000.00, 4419500.00) GC
374. 79.89798c(04020224) AT (539500.00, 4413000.00) GC
335. 82.74571c(04052124) AT (534500.00, 4421000.00) GC
375. 79.84507 (04050924) AT (532000.00, 4419500.00) GC
336. 82.74081 (04101824) AT (534500.00, 4421000.00) GC
376. 79.52884 (04102124) AT (540000.00, 4413000.00) GC
337. 82.71409 (04051924) AT (534500.00, 4421000.00) GC
377. 79.51407 (04110724) AT (540500.00, 4413000.00) GC
338. 82.55093c(04121924) AT (531000.00, 4419000.00) GC
378. 79.48174 (04041024) AT (532000.00, 4419500.00) GC
339. 82.55091 (04051724) AT (534500.00, 4421000.00) GC
379. 79.47419 (04030224) AT (533000.00, 4420000.00) GC
340. 82.54288c(04100124) AT (540500.00, 4413000.00) GC
380. 79.33084 (04122324) AT (531500.00, 4419500.00) GC
341. 82.49246 (04022324) AT (532000.00, 4419500.00) GC
381. 79.12928 (04032324) AT (534500.00, 4421000.00) GC
342. 82.44445 (04113024) AT (534500.00, 4421000.00) GC
382. 79.03105c(04011224) AT (534000.00, 4420500.00) GC
343. 82.40472c(04011324) AT (535000.00, 4421500.00) GC
383. 79.02519 (04122124) AT (534000.00, 4420500.00) GC
344. 82.34371 (04100824) AT (534500.00, 4421000.00) GC
384. 79.01562 (04071324) AT (540500.00, 4413000.00) GC
345. 82.32040 (04092024) AT (532000.00, 4419500.00) GC
385. 78.95304 (04082124) AT (534500.00, 4421000.00) GC
346. 82.30418 (04121224) AT (533000.00, 4420000.00) GC
386. 78.88841 (04122224) AT (533000.00, 4420000.00) GC
347. 82.11646 (04122324) AT (531000.00, 4419000.00) GC

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387.      78.87372c(04011224) AT ( 536000.00, 4421000.00)  GC
  348.      81.99749 (04080424) AT ( 534500.00, 4421000.00)  GC
388.      78.86804 (04110224) AT ( 532000.00, 4419500.00)  GC
  349.      81.84502 (04120224) AT ( 540000.00, 4413000.00)  GC
389.      78.79576c(04031924) AT ( 540000.00, 4413000.00)  GC
  350.      81.64766 (04101724) AT ( 534500.00, 4421000.00)  GC
390.      78.77908 (04092824) AT ( 534500.00, 4421000.00)  GC
  351.      81.53173 (04122124) AT ( 541000.00, 4413000.00)  GC
391.      78.71981 (04011724) AT ( 534500.00, 4421000.00)  GC
  352.      81.50349c(04122424) AT ( 531500.00, 4419500.00)  GC
392.      78.59253 (04083124) AT ( 534500.00, 4421000.00)  GC
  353.      81.50128 (04083024) AT ( 532000.00, 4419500.00)  GC
393.      78.48542 (04092524) AT ( 540000.00, 4413000.00)  GC
  354.      81.46688 (04062424) AT ( 534500.00, 4421000.00)  GC
394.      78.46452 (04011824) AT ( 540500.00, 4413000.00)  GC
  355.      81.45367 (04031624) AT ( 534500.00, 4421000.00)  GC
395.      78.46252 (04050824) AT ( 540000.00, 4413000.00)  GC
  356.      81.44182c(04122424) AT ( 537000.00, 4418000.00)  GC
396.      78.41835 (04120124) AT ( 532000.00, 4419500.00)  GC
  357.      81.43485 (04050424) AT ( 534500.00, 4421000.00)  GC
397.      78.41749 (04091324) AT ( 534500.00, 4421000.00)  GC
  358.      81.38659c(04011324) AT ( 531000.00, 4419000.00)  GC
398.      78.30171 (04022524) AT ( 532000.00, 4419500.00)  GC
  359.      81.30911 (04031124) AT ( 540000.00, 4413000.00)  GC
399.      78.27891 (04111824) AT ( 532000.00, 4419500.00)  GC
  360.      81.30310 (04020324) AT ( 532000.00, 4419500.00)  GC
400.      78.04943 (04121224) AT ( 537000.00, 4419500.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                  ***        14:35:06
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**MODELOPTs: RegDFAULT CONC
 ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: YOL ***
INCLUDING SOURCE(S): 9ZYI9002, 9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008,
9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E, 9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K,
9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, 9ZYI900Q, 9ZYI900R, 9ZYI900S, 9ZYI900T, 9ZYI900U, 9ZYI900V, . . . ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
401.	77.95956	(04100924)	(532000.00, 4419500.00)	GC
441.	74.96779	(04111124)	(537000.00, 4418500.00)	GC
402.	77.90400c	(04120424)	(535000.00, 4421500.00)	GC
442.	74.93707	(04012624)	(531000.00, 4419500.00)	GC
403.	77.77691	(04122224)	(534000.00, 4420500.00)	GC
443.	74.77369	(04010124)	(532000.00, 4419500.00)	GC
404.	77.75170	(04120224)	(534500.00, 4421000.00)	GC
444.	74.72372	(04091624)	(532000.00, 4419500.00)	GC
405.	77.56648	(04040624)	(536000.00, 4421000.00)	GC
445.	74.70557	(04080924)	(534500.00, 4421000.00)	GC

406. 77.40638 (04111224) AT (537000.00, 4418000.00) GC
446. 74.69641 (04012524) AT (540000.00, 4413000.00) GC
407. 77.38309 (04022424) AT (534500.00, 4421000.00) GC
447. 74.68728 (04123124) AT (540000.00, 4413000.00) GC
408. 77.26774 (04092124) AT (532000.00, 4419500.00) GC
448. 74.63415 (04100824) AT (531500.00, 4419500.00) GC
409. 77.23404 (04102524) AT (532000.00, 4419500.00) GC
449. 74.40279 (04121124) AT (532000.00, 4419500.00) GC
410. 77.22236 (04092824) AT (532000.00, 4419500.00) GC
450. 74.28921c(04120424) AT (532000.00, 4419500.00) GC
411. 77.16736 (04091424) AT (532000.00, 4419500.00) GC
451. 74.26367 (04122224) AT (537000.00, 4418500.00) GC
412. 77.15264 (04032024) AT (534500.00, 4421000.00) GC
452. 74.25892 (04040124) AT (534500.00, 4421000.00) GC
413. 77.05158c(04121924) AT (540500.00, 4413000.00) GC
453. 74.20779 (04052424) AT (534500.00, 4421000.00) GC
414. 76.93708 (04021124) AT (531000.00, 4419000.00) GC
454. 74.09770 (04093024) AT (531000.00, 4419000.00) GC
415. 76.77482 (04111024) AT (531000.00, 4419000.00) GC
455. 74.07626c(04122424) AT (533000.00, 4420000.00) GC
416. 76.73790 (04042024) AT (540500.00, 4413000.00) GC
456. 74.06183 (04012824) AT (540000.00, 4413000.00) GC
417. 76.69849 (04010224) AT (532000.00, 4419500.00) GC
457. 73.97181 (04111324) AT (532500.00, 4419500.00) GC
418. 76.56918 (04122824) AT (540500.00, 4413000.00) GC
458. 73.92166 (04111924) AT (540500.00, 4413000.00) GC
419. 76.50886 (04111024) AT (537000.00, 4418000.00) GC
459. 73.88144 (04060524) AT (532000.00, 4419500.00) GC
420. 76.48297 (04111024) AT (534500.00, 4421000.00) GC
460. 73.85967c(04122424) AT (534000.00, 4420500.00) GC
421. 76.48149 (04111524) AT (534500.00, 4421000.00) GC
461. 73.84078 (04100724) AT (532000.00, 4419500.00) GC

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  422.      76.44070 (04090124) AT ( 532000.00, 4419500.00)  GC
462.      73.83326 (04091924) AT ( 532000.00, 4419500.00)  GC
  423.      76.25498 (04050224) AT ( 534500.00, 4421000.00)  GC
463.      73.82873 (04100324) AT ( 532000.00, 4419500.00)  GC
  424.      76.17996 (04090824) AT ( 532000.00, 4419500.00)  GC
464.      73.79289 (04120924) AT ( 532000.00, 4419500.00)  GC
  425.      76.15391 (04122824) AT ( 537000.00, 4418000.00)  GC
465.      73.73093 (04082324) AT ( 534500.00, 4421000.00)  GC
  426.      76.15189 (04031624) AT ( 532000.00, 4419500.00)  GC
466.      73.72480c(04122024) AT ( 537000.00, 4418500.00)  GC
  427.      76.12561c(04122724) AT ( 540000.00, 4413000.00)  GC
467.      73.59263 (04060924) AT ( 540000.00, 4413000.00)  GC
  428.      76.10554 (04092324) AT ( 534500.00, 4421000.00)  GC
468.      73.58553 (04102924) AT ( 532000.00, 4419500.00)  GC
  429.      76.10041 (04060424) AT ( 532000.00, 4419500.00)  GC
469.      73.56694 (04011524) AT ( 540000.00, 4413000.00)  GC
  430.      75.98014 (04040824) AT ( 534500.00, 4421000.00)  GC
470.      73.51177 (04041024) AT ( 540000.00, 4413000.00)  GC
  431.      75.75792 (04122124) AT ( 537000.00, 4418000.00)  GC
471.      73.44178c(04102624) AT ( 531000.00, 4419000.00)  GC
  432.      75.60744 (04010124) AT ( 540000.00, 4413000.00)  GC
472.      73.42524 (04121124) AT ( 540500.00, 4413000.00)  GC
  433.      75.59069c(04122024) AT ( 535500.00, 4421500.00)  GC
473.      73.35283c(04011224) AT ( 537000.00, 4418000.00)  GC
  434.      75.54938 (04121224) AT ( 534000.00, 4420500.00)  GC
474.      73.33407 (04102024) AT ( 540000.00, 4413000.00)  GC
  435.      75.41867 (04122124) AT ( 536000.00, 4421000.00)  GC
475.      73.09465 (04111624) AT ( 534500.00, 4421000.00)  GC
  436.      75.38192 (04123024) AT ( 532000.00, 4419500.00)  GC
476.      73.08837 (04012624) AT ( 537000.00, 4418500.00)  GC
  437.      75.26253 (04081424) AT ( 534500.00, 4421000.00)  GC
477.      73.05333 (04082724) AT ( 532000.00, 4419500.00)  GC
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  438.   75.03077 (04021824) AT (540500.00, 4413000.00) GC
478.   72.84244c(04120424) AT (536000.00, 4421000.00) GC
  439.   75.01529 (04011124) AT (533000.00, 4420000.00) GC
479.   72.82232 (04012624) AT (532000.00, 4419500.00) GC
  440.   75.00214 (04081324) AT (534500.00, 4421000.00) GC
480.   72.80452 (04060924) AT (534500.00, 4421000.00) GC
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/26/11
                                  ***
                                  ***   14:35:06

                                             PAGE 141
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: YOL   ***
                                  INCLUDING SOURCE(S):   9ZYI9002,
9ZYI9003, 9ZYI9004, 9ZYI9005, 9ZYI9006, 9ZYI9007, 9ZYI9008,
          9ZYI9009, 9ZYI900A, 9ZYI900B, 9ZYI900C, 9ZYI900D, 9ZYI900E,
9ZYI900F, 9ZYI900G, 9ZYI900H, 9ZYI900I, 9ZYI900J, 9ZYI900K,
          9ZYI900L, 9ZYI900M, 9ZYI900N, 9ZYI900O, 9ZYI900P, 9ZYI900Q,
9ZYI900R, 9ZYI900S, 9ZYI900T, 9ZYI900U, 9ZYI900V, . . . ,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE
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  481.      72.77081 (04111524) AT ( 540000.00, 4413000.00)  GC
491.      72.28717c(04011324) AT ( 533000.00, 4420000.00)  GC
  482.      72.75140 (04122924) AT ( 540500.00, 4413000.00)  GC
492.      72.23203 (04100324) AT ( 534500.00, 4421000.00)  GC
  483.      72.71076 (04111124) AT ( 540500.00, 4413000.00)  GC
493.      72.14377 (04111224) AT ( 531000.00, 4419000.00)  GC
  484.      72.62414 (04042024) AT ( 532000.00, 4419500.00)  GC
494.      72.12707c(04011324) AT ( 537000.00, 4418000.00)  GC
  485.      72.50449 (04080524) AT ( 532000.00, 4419500.00)  GC
495.      72.06368 (04030924) AT ( 540000.00, 4413000.00)  GC
  486.      72.43682 (04122824) AT ( 531500.00, 4419500.00)  GC
496.      72.04979 (04081324) AT ( 532000.00, 4419500.00)  GC
  487.      72.39559 (04120324) AT ( 540000.00, 4413000.00)  GC
497.      72.01061 (04121824) AT ( 540500.00, 4413000.00)  GC
  488.      72.37596 (04102424) AT ( 532500.00, 4419500.00)  GC
498.      71.92088 (04041324) AT ( 531500.00, 4419500.00)  GC
  489.      72.37243 (04121824) AT ( 532000.00, 4419500.00)  GC
499.      71.91222 (04121224) AT ( 537000.00, 4419000.00)  GC
  490.      72.29110 (04101024) AT ( 532000.00, 4419500.00)  GC
500.      71.89932 (04112524) AT ( 531500.00, 4419500.00)  GC

  *** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                   ***       14:35:06

                                             PAGE 142
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**MODELOPTs: RegDFAULT CONC
 ELEV

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

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

GROUP ID		NETWORK AVERAGE CONC OF TYPE	GRID-ID	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)
1ALT	1ST HIGHEST VALUE IS	11.09340	AT	(533500.00, 4416000.00, 855.00, 855.00, 0.00)
	2ND HIGHEST VALUE IS	7.05547	AT	(534000.00, 4417500.00, 894.00, 894.00, 0.00)
	3RD HIGHEST VALUE IS	5.88577	AT	(531500.00, 4414500.00, 893.00, 893.00, 0.00)
	4TH HIGHEST VALUE IS	5.64487	AT	(534500.00, 4417000.00, 822.00, 822.00, 0.00)
	5TH HIGHEST VALUE IS	5.57229	AT	(533000.00, 4415500.00, 945.00, 945.00, 0.00)
	6TH HIGHEST VALUE IS	5.43506	AT	(531500.00, 4416000.00, 880.00, 880.00, 0.00)
	7TH HIGHEST VALUE IS	5.02553	AT	(534000.00,

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4416500.00,   815.00,   815.00,    0.00)  GC  PALZF000
         8TH HIGHEST VALUE IS       4.99659 AT (  533500.00,
4417000.00,   961.00,   961.00,    0.00)  GC  PALZF000
         9TH HIGHEST VALUE IS       4.94112 AT (  531500.00,
4414000.00,   872.00,   872.00,    0.00)  GC  PALZF000
        10TH HIGHEST VALUE IS       4.46566 AT (  533500.00,
4417500.00,   930.00,   930.00,    0.00)  GC  PALZF000

2ALT     1ST HIGHEST VALUE IS      11.09662 AT (  533500.00,
4416000.00,   855.00,   855.00,    0.00)  GC  PALZF000
         2ND HIGHEST VALUE IS       7.05845 AT (  534000.00,
4417500.00,   894.00,   894.00,    0.00)  GC  PALZF000
         3RD HIGHEST VALUE IS       5.88719 AT (  531500.00,
4414500.00,   893.00,   893.00,    0.00)  GC  PALZF000
         4TH HIGHEST VALUE IS       5.65884 AT (  534500.00,
4417000.00,   822.00,   822.00,    0.00)  GC  PALZF000
         5TH HIGHEST VALUE IS       5.57395 AT (  533000.00,
4415500.00,   945.00,   945.00,    0.00)  GC  PALZF000
         6TH HIGHEST VALUE IS       5.43641 AT (  531500.00,
4416000.00,   880.00,   880.00,    0.00)  GC  PALZF000
         7TH HIGHEST VALUE IS       5.03175 AT (  534000.00,
4416500.00,   815.00,   815.00,    0.00)  GC  PALZF000
         8TH HIGHEST VALUE IS       4.99952 AT (  533500.00,
4417000.00,   961.00,   961.00,    0.00)  GC  PALZF000
         9TH HIGHEST VALUE IS       4.94217 AT (  531500.00,
4414000.00,   872.00,   872.00,    0.00)  GC  PALZF000
        10TH HIGHEST VALUE IS       4.46722 AT (  533500.00,
4417500.00,   930.00,   930.00,    0.00)  GC  PALZF000

3ALT-KUM 1ST HIGHEST VALUE IS      11.18860 AT (  533500.00,
4416000.00,   855.00,   855.00,    0.00)  GC  PALZF000
         2ND HIGHEST VALUE IS       7.18959 AT (  534000.00,
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4417500.00,   894.00,   894.00,    0.00)  GC  PALZF000
         3RD HIGHEST VALUE IS       5.97284 AT (  531500.00,
4414500.00,   893.00,   893.00,    0.00)  GC  PALZF000
         4TH HIGHEST VALUE IS       5.76292 AT (  534500.00,
4417000.00,   822.00,   822.00,    0.00)  GC  PALZF000
         5TH HIGHEST VALUE IS       5.66341 AT (  533000.00,
4415500.00,   945.00,   945.00,    0.00)  GC  PALZF000
         6TH HIGHEST VALUE IS       5.55758 AT (  531500.00,
4416000.00,   880.00,   880.00,    0.00)  GC  PALZF000
         7TH HIGHEST VALUE IS       5.26994 AT (  533500.00,
4417000.00,   961.00,   961.00,    0.00)  GC  PALZF000
         8TH HIGHEST VALUE IS       5.12886 AT (  534000.00,
4416500.00,   815.00,   815.00,    0.00)  GC  PALZF000
         9TH HIGHEST VALUE IS       5.01746 AT (  531500.00,
4414000.00,   872.00,   872.00,    0.00)  GC  PALZF000
        10TH HIGHEST VALUE IS       4.65347 AT (  533500.00,
4417500.00,   930.00,   930.00,    0.00)  GC  PALZF000
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                   ***
                                   ***        14:35:06

                                              PAGE 143

 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                   *** THE SUMMARY OF MAXIMUM ANNUAL
RESULTS AVERAGED OVER   1 YEARS ***
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** CONC OF NOX IN MICROGRAMS/M**3 **

GROUP ID	NETWORK AVERAGE CONC OF TYPE	GRID-ID	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)
YOL-KUM	1ST HIGHEST VALUE IS	69.06102	AT (534500.00, 4421000.00, 694.00, 694.00, 0.00)
	2ND HIGHEST VALUE IS	54.52373	AT (532000.00, 4419500.00, 695.00, 695.00, 0.00)
	3RD HIGHEST VALUE IS	51.55061	AT (540000.00, 4413000.00, 764.00, 764.00, 0.00)
	4TH HIGHEST VALUE IS	41.71011	AT (540500.00, 4413000.00, 773.00, 773.00, 0.00)
	5TH HIGHEST VALUE IS	37.48297	AT (537000.00, 4418000.00, 706.00, 706.00, 0.00)
	6TH HIGHEST VALUE IS	34.64090	AT (531000.00, 4419000.00, 699.00, 699.00, 0.00)
	7TH HIGHEST VALUE IS	32.35840	AT (531500.00, 4419500.00, 701.00, 701.00, 0.00)
	8TH HIGHEST VALUE IS	30.89428	AT (534000.00, 4420500.00, 675.00, 675.00, 0.00)
	9TH HIGHEST VALUE IS	30.05937	AT (537000.00, 4418500.00, 694.00, 694.00, 0.00)
	10TH HIGHEST VALUE IS	28.54191	AT (533000.00, 4420000.00, 687.00, 687.00, 0.00)
YOL	1ST HIGHEST VALUE IS	68.72736	AT (534500.00,

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4421000.00,   694.00,   694.00,    0.00)  GC  PALZF000
         2ND HIGHEST VALUE IS      54.31993 AT (  532000.00,
4419500.00,   695.00,   695.00,    0.00)  GC  PALZF000
         3RD HIGHEST VALUE IS      51.44152 AT (  540000.00,
4413000.00,   764.00,   764.00,    0.00)  GC  PALZF000
         4TH HIGHEST VALUE IS      41.61093 AT (  540500.00,
4413000.00,   773.00,   773.00,    0.00)  GC  PALZF000
         5TH HIGHEST VALUE IS      36.77946 AT (  537000.00,
4418000.00,   706.00,   706.00,    0.00)  GC  PALZF000
         6TH HIGHEST VALUE IS      34.44773 AT (  531000.00,
4419000.00,   699.00,   699.00,    0.00)  GC  PALZF000
         7TH HIGHEST VALUE IS      32.16661 AT (  531500.00,
4419500.00,   701.00,   701.00,    0.00)  GC  PALZF000
         8TH HIGHEST VALUE IS      30.59522 AT (  534000.00,
4420500.00,   675.00,   675.00,    0.00)  GC  PALZF000
         9TH HIGHEST VALUE IS      29.42259 AT (  537000.00,
4418500.00,   694.00,   694.00,    0.00)  GC  PALZF000
        10TH HIGHEST VALUE IS      28.30677 AT (  533000.00,
4420000.00,   687.00,   687.00,    0.00)  GC  PALZF000


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/26/11
                                  ***
                                  ***        14:35:06

                                             PAGE 144
 **MODELOPTs:  RegDFAULT CONC
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ELEV

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

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

GROUP ID RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE	DATE NETWORK (YYMMDDHH) GRID-ID
1ALT HIGH 1ST HIGH VALUE IS 534000.00, 4417500.00, 894.00, 894.00, 0.00)	113.46652	ON 04110624: AT (GC PALZF000
2ALT HIGH 1ST HIGH VALUE IS 534000.00, 4417500.00, 894.00, 894.00, 0.00)	113.47134	ON 04110624: AT (GC PALZF000
3ALT-KUM HIGH 1ST HIGH VALUE IS 534000.00, 4417500.00, 894.00, 894.00, 0.00)	113.62964	ON 04110624: AT (GC PALZF000
YOL-KUM HIGH 1ST HIGH VALUE IS 540000.00, 4413000.00, 764.00, 764.00, 0.00)	214.45413c	ON 04122024: AT (GC PALZF000
YOL HIGH 1ST HIGH VALUE IS 540000.00, 4413000.00, 764.00, 764.00, 0.00)	214.16735c	ON 04122024: AT (GC PALZF000

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 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***         10/26/11
                                   ***
                                   ***        14:35:06

                                                PAGE 145
 **MODELOPTs:  RegDFAULT CONC
  ELEV


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of           20 Warning Message(s)
 A Total of           33 Informational Message(s)

 A Total of         8784 Hours Were Processed

 A Total of           33 Calm Hours Identified

 A Total of            0 Missing Hours Identified (  0.00 Percent)
```

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

******** WARNING MESSAGES ********
OU W565 2059 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 2060 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 2061 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 2062 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 2063 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 2064 PERPLT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 2065 PERPLT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 2066 PERPLT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 2067 PERPLT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 2068 PERPLT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 2069 OUPOST:Possible Conflict With Dynamically Allocated FUNIT POSTFILE
OU W565 2070 OUPOST:Possible Conflict With Dynamically Allocated FUNIT POSTFILE
OU W565 2071 OUPOST:Possible Conflict With Dynamically Allocated FUNIT POSTFILE
OU W565 2072 OUPOST:Possible Conflict With Dynamically Allocated FUNIT

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POSTFILE
 OU W565  2073 OUPOST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565  2074 PERPST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565  2075 PERPST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565  2076 PERPST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565  2077 PERPST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565  2078 PERPST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE

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

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** BREEZE AERMOD
** Trinity Consultants
** VERSION  7.2

CO STARTING
CO TITLEONE  NO TITLE SPECIFIED
CO MODELOPT  DFAULT  CONC
CO RUNORNOT  RUN
CO AVERTIME  1  8  24  ANNUAL
CO POLLUTID  NOX
CO FINISHED

SO STARTING
SO ELEVUNIT  METERS
SO LOCATION  BACA1A    POINT     535249  4417479  680
SO LOCATION  BACA1B    POINT     535283  4417499  680
SO LOCATION  ON.ISIT.  POINT     535127  4417541  680
SO LOCATION  CALIK1    POINT     539763.0  4423247.0  840
SO LOCATION  CALIK2    POINT     539774.0  4423312.0  841
SO LOCATION  CALIK3    POINT     539783.0  4423378.0  840
SO SRCPARAM  BACA1A    28.13  75  360.15  31.2  5.5
SO SRCPARAM  BACA1B    28.13  75  360.15  31.2  5.5
SO SRCPARAM  ON.ISIT.  0.06  15  453.15  5  0.75
SO SRCPARAM  CALIK1    15.32  80  365.49  18.85  7
SO SRCPARAM  CALIK2    15.32  80  365.49  18.85  7
SO SRCPARAM  CALIK3    15.32  80  365.49  18.85  7
SO SRCGROUP  1ALT  BACA1A  BACA1B
SO SRCGROUP  2ALT  BACA1A  BACA1B  ON.ISIT.
SO SRCGROUP  3ALT-KUM  BACA1A  BACA1B  ON.ISIT.  CALIK1  CALIK2  CALIK3
SO FINISHED

RE STARTING
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RE ELEVUNIT  METERS
RE GRIDCART PALZF000 STA
** GRDDESCR  calısma alanı
RE GRIDCART PALZF000 XYINC  528000  31  500  4410000  31  500
RE GRIDCART PALZF000 ELEV  1  813  937  963  1067  1033  940  902  853
830  838
RE GRIDCART PALZF000 ELEV  1  902  933  884  863  855  815  777  756
719  761
RE GRIDCART PALZF000 ELEV  1  736  734  705  680  677  679  710  745
738  732
RE GRIDCART PALZF000 ELEV  1  710
RE GRIDCART PALZF000 ELEV  2  765  818  872  970  953  951  920  863
822  855
RE GRIDCART PALZF000 ELEV  2  835  877  909  840  817  802  768  772
717  693
RE GRIDCART PALZF000 ELEV  2  697  683  680  680  685  697  703  742
753  740
RE GRIDCART PALZF000 ELEV  2  727
RE GRIDCART PALZF000 ELEV  3  868  793  857  887  877  954  908  881
874  799
RE GRIDCART PALZF000 ELEV  3  802  808  867  856  791  858  767  795
688  676
RE GRIDCART PALZF000 ELEV  3  680  687  708  706  737  740  741  732
775  753
RE GRIDCART PALZF000 ELEV  3  745
RE GRIDCART PALZF000 ELEV  4  909  790  778  785  863  940  937  921
871  818
RE GRIDCART PALZF000 ELEV  4  801  765  794  833  776  730  747  717
670  681
RE GRIDCART PALZF000 ELEV  4  694  704  718  718  735  775  792  746
779  766
RE GRIDCART PALZF000 ELEV  4  754
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RE GRIDCART PALZF000 ELEV  5  928  806  800  749  818  922  978  969
929  855
RE GRIDCART PALZF000 ELEV  5  806  770  742  728  728  710  744  674
689  701
RE GRIDCART PALZF000 ELEV  5  713  716  728  742  751  771  779  752
774  779
RE GRIDCART PALZF000 ELEV  5  773
RE GRIDCART PALZF000 ELEV  6  947  852  852  750  766  861  923  981
905  857
RE GRIDCART PALZF000 ELEV  6  817  790  780  750  740  703  683  677
708  722
RE GRIDCART PALZF000 ELEV  6  751  748  738  750  743  791  792  774
781  798
RE GRIDCART PALZF000 ELEV  6  797
RE GRIDCART PALZF000 ELEV  7  906  920  869  828  742  811  928  959
939  912
RE GRIDCART PALZF000 ELEV  7  852  823  806  742  722  692  875  696
769  756
RE GRIDCART PALZF000 ELEV  7  779  780  763  763  764  773  780  799
812  824
RE GRIDCART PALZF000 ELEV  7  835
RE GRIDCART PALZF000 ELEV  8  905  897  849  823  736  764  846  899
1007  977
RE GRIDCART PALZF000 ELEV  8  921  874  780  726  706  677  681  741
771  798
RE GRIDCART PALZF000 ELEV  8  765  766  770  778  778  790  806  820
851  853
RE GRIDCART PALZF000 ELEV  8  883
RE GRIDCART PALZF000 ELEV  9  875  953  879  797  754  745  806  872
972  976
RE GRIDCART PALZF000 ELEV  9  900  871  778  764  694  671  713  742
777  802
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RE GRIDCART PALZF000 ELEV  9  759  762  779  788  799  796  846  856
896  892
RE GRIDCART PALZF000 ELEV  9  916
RE GRIDCART PALZF000 ELEV  10  830  892  883  843  745  736  797  893
961  941
RE GRIDCART PALZF000 ELEV  10  868  797  766  767  701  668  690  704
716  733
RE GRIDCART PALZF000 ELEV  10  750  789  799  816  849  825  840  934
947  931
RE GRIDCART PALZF000 ELEV  10  978
RE GRIDCART PALZF000 ELEV  11  842  803  800  782  762  724  801  859
951  1001
RE GRIDCART PALZF000 ELEV  11  900  811  769  740  696  669  685  709
722  746
RE GRIDCART PALZF000 ELEV  11  765  800  835  880  871  857  845  893
945  981
RE GRIDCART PALZF000 ELEV  11  1001
RE GRIDCART PALZF000 ELEV  12  793  854  789  779  742  726  810  902
981  1013
RE GRIDCART PALZF000 ELEV  12  945  847  749  712  673  667  731  712
762  774
RE GRIDCART PALZF000 ELEV  12  783  856  934  920  909  919  868  889
1000
RE GRIDCART PALZF000 ELEV  12  1038  1054
RE GRIDCART PALZF000 ELEV  13  776  786  784  781  763  719  774  880
958  1014
RE GRIDCART PALZF000 ELEV  13  918  855  774  688  666  712  724  713
759  799
RE GRIDCART PALZF000 ELEV  13  823  847  940  937  982  966  919  943
919  1047
RE GRIDCART PALZF000 ELEV  13  1084
RE GRIDCART PALZF000 ELEV  14  767  752  751  746  732  716  803  870
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950  1000
RE GRIDCART PALZF000 ELEV  14  1008  934  815  733  685  665  676  701
753  816
RE GRIDCART PALZF000 ELEV  14  839  915  986  981  1047  975  998  987
951  968
RE GRIDCART PALZF000 ELEV  14  997
RE GRIDCART PALZF000 ELEV  15  771  752  740  729  717  711  807  902
897  960
RE GRIDCART PALZF000 ELEV  15  1014  961  815  822  758  672  667  691
745  801
RE GRIDCART PALZF000 ELEV  15  804  878  854  915  1009  999  1047  967
1027
RE GRIDCART PALZF000 ELEV  15  968  999
RE GRIDCART PALZF000 ELEV  16  755  739  731  723  709  707  774  814
903  929
RE GRIDCART PALZF000 ELEV  16  980  930  894  816  739  665  704  730
728  761
RE GRIDCART PALZF000 ELEV  16  782  857  810  845  905  933  973  1023
1022
RE GRIDCART PALZF000 ELEV  16  1017  984
RE GRIDCART PALZF000 ELEV  17  772  743  729  717  709  704  729  799
862  891
RE GRIDCART PALZF000 ELEV  17  946  914  812  758  697  663  694  732
706  751
RE GRIDCART PALZF000 ELEV  17  759  799  789  840  876  890  930  1022
1048
RE GRIDCART PALZF000 ELEV  17  1069  1051
RE GRIDCART PALZF000 ELEV  18  771  744  725  724  712  703  700  843
872  834
RE GRIDCART PALZF000 ELEV  18  859  866  829  757  732  689  667  674
694  730
RE GRIDCART PALZF000 ELEV  18  766  780  787  828  846  867  896  971
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1096
RE GRIDCART PALZF000 ELEV  18  1068  1110
RE GRIDCART PALZF000 ELEV  19  770  737  730  719  717  711  699  724
804  764
RE GRIDCART PALZF000 ELEV  19  845  829  770  816  786  749  668  670
685  740
RE GRIDCART PALZF000 ELEV  19  789  803  801  821  832  843  857  918
1025
RE GRIDCART PALZF000 ELEV  19  1048  1060
RE GRIDCART PALZF000 ELEV  20  776  741  733  727  735  733  702  701
695  704
RE GRIDCART PALZF000 ELEV  20  743  780  733  783  801  809  721  673
679  713
RE GRIDCART PALZF000 ELEV  20  788  778  783  817  808  826  873  982
959  958
RE GRIDCART PALZF000 ELEV  20  985
RE GRIDCART PALZF000 ELEV  21  771  739  738  742  753  760  729  725
780  730
RE GRIDCART PALZF000 ELEV  21  687  708  697  774  762  772  682  666
686  689
RE GRIDCART PALZF000 ELEV  21  735  741  766  791  786  818  855  936
1074
RE GRIDCART PALZF000 ELEV  21  1024  1042
RE GRIDCART PALZF000 ELEV  22  754  745  747  753  767  806  757  736
796  808
RE GRIDCART PALZF000 ELEV  22  725  682  675  735  779  701  663  679
700  712
RE GRIDCART PALZF000 ELEV  22  711  732  765  757  772  802  840  932
1047
RE GRIDCART PALZF000 ELEV  22  1080  1086
RE GRIDCART PALZF000 ELEV  23  755  759  762  767  777  807  774  752
828  776
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RE GRIDCART PALZF000 ELEV  23  725  714  672  694  762  661  674  717
712  705
RE GRIDCART PALZF000 ELEV  23  711  740  747  746  761  780  809  876
976  1068
RE GRIDCART PALZF000 ELEV  23  1124
RE GRIDCART PALZF000 ELEV  24  763  775  785  790  794  848  799  778
829  833
RE GRIDCART PALZF000 ELEV  24  768  734  694  677  665  662  735  764
751  729
RE GRIDCART PALZF000 ELEV  24  726  720  728  735  742  750  780  816
865  907
RE GRIDCART PALZF000 ELEV  24  1051
RE GRIDCART PALZF000 ELEV  25  794  789  812  817  810  877  832  815
811  869
RE GRIDCART PALZF000 ELEV  25  794  731  739  697  696  659  725  738
772  744
RE GRIDCART PALZF000 ELEV  25  751  740  767  767  762  765  774  772
822  872
RE GRIDCART PALZF000 ELEV  25  989
RE GRIDCART PALZF000 ELEV  26  813  813  843  847  827  904  893  884
845  863
RE GRIDCART PALZF000 ELEV  26  822  783  782  726  685  667  670  686
723  753
RE GRIDCART PALZF000 ELEV  26  777  775  776  792  789  784  800  793
793  825
RE GRIDCART PALZF000 ELEV  26  777
RE GRIDCART PALZF000 ELEV  27  847  848  862  880  845  925  970  959
883  884
RE GRIDCART PALZF000 ELEV  27  860  827  757  736  700  710  657  656
682  739
RE GRIDCART PALZF000 ELEV  27  833  820  815  812  826  814  810  817
811  805
```

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RE GRIDCART PALZF000 ELEV  27  845
RE GRIDCART PALZF000 ELEV  28  918  927  907  907  864  945  1016  983
943  913
RE GRIDCART PALZF000 ELEV  28  903  833  756  753  712  736  721  662
663  729
RE GRIDCART PALZF000 ELEV  28  838  881  826  817  861  860  845  843
846  859
RE GRIDCART PALZF000 ELEV  28  823
RE GRIDCART PALZF000 ELEV  29  970  998  952  928  895  952  1031  1037
991
RE GRIDCART PALZF000 ELEV  29  936  949  873  797  760  745  755  737
712  663
RE GRIDCART PALZF000 ELEV  29  699  823  799  800  798  814  833  897
880  876
RE GRIDCART PALZF000 ELEV  29  861  854
RE GRIDCART PALZF000 ELEV  30  1033  1040  980  945  930  927  1024
1057  1013
RE GRIDCART PALZF000 ELEV  30  977  978  878  812  786  798  775  714
680  658
RE GRIDCART PALZF000 ELEV  30  718  810  763  777  770  785  813  851
955  914
RE GRIDCART PALZF000 ELEV  30  901  887
RE GRIDCART PALZF000 ELEV  31  1098  1080  1013  1027  990  961  992
1100  1060
RE GRIDCART PALZF000 ELEV  31  1100  1013  942  870  807  829  756  726
676
RE GRIDCART PALZF000 ELEV  31  671  810  759  731  738  751  770  796
835  884
RE GRIDCART PALZF000 ELEV  31  992  962  931
RE GRIDCART PALZF000 HILL  1  813  937  963  1067  1033  940  902  853
830  838
RE GRIDCART PALZF000 HILL  1  902  933  884  863  855  815  777  756
```

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719  761
RE GRIDCART PALZF000 HILL  1  736  734  705  680  677  679  710  745
738  732
RE GRIDCART PALZF000 HILL  1  710
RE GRIDCART PALZF000 HILL  2  765  818  872  970  953  951  920  863
822  855
RE GRIDCART PALZF000 HILL  2  835  877  909  840  817  802  768  772
717  693
RE GRIDCART PALZF000 HILL  2  697  683  680  680  685  697  703  742
753  740
RE GRIDCART PALZF000 HILL  2  727
RE GRIDCART PALZF000 HILL  3  868  793  857  887  877  954  908  881
874  799
RE GRIDCART PALZF000 HILL  3  802  808  867  856  791  858  767  795
688  676
RE GRIDCART PALZF000 HILL  3  680  687  708  706  737  740  741  732
775  753
RE GRIDCART PALZF000 HILL  3  745
RE GRIDCART PALZF000 HILL  4  909  790  778  785  863  940  937  921
871  818
RE GRIDCART PALZF000 HILL  4  801  765  794  833  776  730  747  717
670  681
RE GRIDCART PALZF000 HILL  4  694  704  718  718  735  775  792  746
779  766
RE GRIDCART PALZF000 HILL  4  754
RE GRIDCART PALZF000 HILL  5  928  806  800  749  818  922  978  969
929  855
RE GRIDCART PALZF000 HILL  5  806  770  742  728  728  710  744  674
689  701
RE GRIDCART PALZF000 HILL  5  713  716  728  742  751  771  779  752
774  779
RE GRIDCART PALZF000 HILL  5  773
```

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RE GRIDCART PALZF000 HILL  6  947  852  852  750  766  861  923  981
905  857
RE GRIDCART PALZF000 HILL  6  817  790  780  750  740  703  683  677
708  722
RE GRIDCART PALZF000 HILL  6  751  748  738  750  743  791  792  774
781  798
RE GRIDCART PALZF000 HILL  6  797
RE GRIDCART PALZF000 HILL  7  906  920  869  828  742  811  928  959
939  912
RE GRIDCART PALZF000 HILL  7  852  823  806  742  722  692  875  696
769  756
RE GRIDCART PALZF000 HILL  7  779  780  763  763  764  773  780  799
812  824
RE GRIDCART PALZF000 HILL  7  835
RE GRIDCART PALZF000 HILL  8  905  897  849  823  736  764  846  899
1007  977
RE GRIDCART PALZF000 HILL  8  921  874  780  726  706  677  681  741
771  798
RE GRIDCART PALZF000 HILL  8  765  766  770  778  778  790  806  820
851  853
RE GRIDCART PALZF000 HILL  8  883
RE GRIDCART PALZF000 HILL  9  875  953  879  797  754  745  806  872
972  976
RE GRIDCART PALZF000 HILL  9  900  871  778  764  694  671  713  742
777  802
RE GRIDCART PALZF000 HILL  9  759  762  779  788  799  796  846  856
896  892
RE GRIDCART PALZF000 HILL  9  916
RE GRIDCART PALZF000 HILL  10  830  892  883  843  745  736  797  893
961  941
RE GRIDCART PALZF000 HILL  10  868  797  766  767  701  668  690  704
716  733
```

```
RE GRIDCART PALZF000 HILL  10  750  789  799  816  849  825  840  934
947  931
RE GRIDCART PALZF000 HILL  10  978
RE GRIDCART PALZF000 HILL  11  842  803  800  782  762  724  801  859
951  1001
RE GRIDCART PALZF000 HILL  11  900  811  769  740  696  669  685  709
722  746
RE GRIDCART PALZF000 HILL  11  765  800  835  880  871  857  845  893
945  981
RE GRIDCART PALZF000 HILL  11  1001
RE GRIDCART PALZF000 HILL  12  793  854  789  779  742  726  810  902
981  1013
RE GRIDCART PALZF000 HILL  12  945  847  749  712  673  667  731  712
762  774
RE GRIDCART PALZF000 HILL  12  783  856  934  920  909  919  868  889
1000
RE GRIDCART PALZF000 HILL  12  1038  1054
RE GRIDCART PALZF000 HILL  13  776  786  784  781  763  719  774  880
958  1014
RE GRIDCART PALZF000 HILL  13  918  855  774  688  666  712  724  713
759  799
RE GRIDCART PALZF000 HILL  13  823  847  940  937  982  966  919  943
919  1047
RE GRIDCART PALZF000 HILL  13  1084
RE GRIDCART PALZF000 HILL  14  767  752  751  746  732  716  803  870
950  1000
RE GRIDCART PALZF000 HILL  14  1008  934  815  733  685  665  676  701
753  816
RE GRIDCART PALZF000 HILL  14  839  915  986  981  1047  975  998  987
951  968
RE GRIDCART PALZF000 HILL  14  997
RE GRIDCART PALZF000 HILL  15  771  752  740  729  717  711  807  902
```

```
897  960
RE GRIDCART PALZF000 HILL  15  1014  961  815  822  758  672  667  691
745  801
RE GRIDCART PALZF000 HILL  15  804  878  854  915  1009  999  1047  967
1027
RE GRIDCART PALZF000 HILL  15  968  999
RE GRIDCART PALZF000 HILL  16  755  739  731  723  709  707  774  814
903  929
RE GRIDCART PALZF000 HILL  16  980  930  894  816  739  665  704  730
728  761
RE GRIDCART PALZF000 HILL  16  782  857  810  845  905  933  973  1023
1022
RE GRIDCART PALZF000 HILL  16  1017  984
RE GRIDCART PALZF000 HILL  17  772  743  729  717  709  704  729  799
862  891
RE GRIDCART PALZF000 HILL  17  946  914  812  758  697  663  694  732
706  751
RE GRIDCART PALZF000 HILL  17  759  799  789  840  876  890  930  1022
1048
RE GRIDCART PALZF000 HILL  17  1069  1051
RE GRIDCART PALZF000 HILL  18  771  744  725  724  712  703  700  843
872  834
RE GRIDCART PALZF000 HILL  18  859  866  829  757  732  689  667  674
694  730
RE GRIDCART PALZF000 HILL  18  766  780  787  828  846  867  896  971
1096
RE GRIDCART PALZF000 HILL  18  1068  1110
RE GRIDCART PALZF000 HILL  19  770  737  730  719  717  711  699  724
804  764
RE GRIDCART PALZF000 HILL  19  845  829  770  816  786  749  668  670
685  740
RE GRIDCART PALZF000 HILL  19  789  803  801  821  832  843  857  918
```

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1025
RE GRIDCART PALZF000 HILL  19  1048  1060
RE GRIDCART PALZF000 HILL  20  776  741  733  727  735  733  702  701
695  704
RE GRIDCART PALZF000 HILL  20  743  780  733  783  801  809  721  673
679  713
RE GRIDCART PALZF000 HILL  20  788  778  783  817  808  826  873  982
959  958
RE GRIDCART PALZF000 HILL  20  985
RE GRIDCART PALZF000 HILL  21  771  739  738  742  753  760  729  725
780  730
RE GRIDCART PALZF000 HILL  21  687  708  697  774  762  772  682  666
686  689
RE GRIDCART PALZF000 HILL  21  735  741  766  791  786  818  855  936
1074
RE GRIDCART PALZF000 HILL  21  1024  1042
RE GRIDCART PALZF000 HILL  22  754  745  747  753  767  806  757  736
796  808
RE GRIDCART PALZF000 HILL  22  725  682  675  735  779  701  663  679
700  712
RE GRIDCART PALZF000 HILL  22  711  732  765  757  772  802  840  932
1047
RE GRIDCART PALZF000 HILL  22  1080  1086
RE GRIDCART PALZF000 HILL  23  755  759  762  767  777  807  774  752
828  776
RE GRIDCART PALZF000 HILL  23  725  714  672  694  762  661  674  717
712  705
RE GRIDCART PALZF000 HILL  23  711  740  747  746  761  780  809  876
976  1068
RE GRIDCART PALZF000 HILL  23  1124
RE GRIDCART PALZF000 HILL  24  763  775  785  790  794  848  799  778
829  833
```

```
RE GRIDCART PALZF000 HILL  24  768  734  694  677  665  662  735  764
751  729
RE GRIDCART PALZF000 HILL  24  726  720  728  735  742  750  780  816
865  907
RE GRIDCART PALZF000 HILL  24  1051
RE GRIDCART PALZF000 HILL  25  794  789  812  817  810  877  832  815
811  869
RE GRIDCART PALZF000 HILL  25  794  731  739  697  696  659  725  738
772  744
RE GRIDCART PALZF000 HILL  25  751  740  767  767  762  765  774  772
822  872
RE GRIDCART PALZF000 HILL  25  989
RE GRIDCART PALZF000 HILL  26  813  813  843  847  827  904  893  884
845  863
RE GRIDCART PALZF000 HILL  26  822  783  782  726  685  667  670  686
723  753
RE GRIDCART PALZF000 HILL  26  777  775  776  792  789  784  800  793
793  825
RE GRIDCART PALZF000 HILL  26  777
RE GRIDCART PALZF000 HILL  27  847  848  862  880  845  925  970  959
883  884
RE GRIDCART PALZF000 HILL  27  860  827  757  736  700  710  657  656
682  739
RE GRIDCART PALZF000 HILL  27  833  820  815  812  826  814  810  817
811  805
RE GRIDCART PALZF000 HILL  27  845
RE GRIDCART PALZF000 HILL  28  918  927  907  907  864  945  1016  983
943  913
RE GRIDCART PALZF000 HILL  28  903  833  756  753  712  736  721  662
663  729
RE GRIDCART PALZF000 HILL  28  838  881  826  817  861  860  845  843
846  859
```

```
RE GRIDCART PALZF000 HILL  28  823
RE GRIDCART PALZF000 HILL  29  970  998  952  928  895  952  1031  1037
991
RE GRIDCART PALZF000 HILL  29  936  949  873  797  760  745  755  737
712  663
RE GRIDCART PALZF000 HILL  29  699  823  799  800  798  814  833  897
880  876
RE GRIDCART PALZF000 HILL  29  861  854
RE GRIDCART PALZF000 HILL  30  1033  1040  980  945  930  927  1024
1057  1013
RE GRIDCART PALZF000 HILL  30  977  978  878  812  786  798  775  714
680  658
RE GRIDCART PALZF000 HILL  30  718  810  763  777  770  785  813  851
955  914
RE GRIDCART PALZF000 HILL  30  901  887
RE GRIDCART PALZF000 HILL  31  1098  1080  1013  1027  990  961  992
1100  1060
RE GRIDCART PALZF000 HILL  31  1100  1013  942  870  807  829  756  726
676
RE GRIDCART PALZF000 HILL  31  671  810  759  731  738  751  770  796
835  884
RE GRIDCART PALZF000 HILL  31  992  962  931
RE GRIDCART PALZF000 END
RE DISCCART  537268  4419321  708  708
** RCPDESCR  Hacıbalı
RE DISCCART  533288  4420664  702  702
** RCPDESCR  Irmak
RE DISCCART  530873  4418253  707  707
** RCPDESCR  Irmak-KGA-SSW
RE DISCCART  532253  4419045  772  772
** RCPDESCR  Irmak-KGA-SW
RE DISCCART  534268  4421987  720  720
```

```
** RCPDESCR  Irmak-KGA-NE
RE DISCCART  536366  4419557  688  688
** RCPDESCR  Toplu Konut
RE DISCCART  534987  4418091  692  692
** RCPDESCR  Tarla Evi
RE DISCCART  530614  4415312  729  729
** RCPDESCR  Kılıçlar
RE DISCCART  538946  4413223  762  762
** RCPDESCR  Yahşihan
RE DISCCART  541693  4411996  758  758
** RCPDESCR  Kırıkkale
RE FINISHED

ME STARTING
ME SURFFILE  "C:\idk.nox.1\o.VERIM.SFC"
** SURFFILE  "C:\idk.nox.1\o.VERIM.SFC"
ME PROFFILE  "C:\idk.nox.1\o.VERIM.PFL"
** PROFFILE  "C:\idk.nox.1\o.VERIM.PFL"
ME SURFDATA  00017135  2004
ME UAIRDATA  00017130  2004
ME PROFBASE  750
ME FINISHED

OU STARTING
OU RECTABLE  1  FIRST
OU RECTABLE  8  FIRST
OU RECTABLE  24  FIRST
OU FILEFORM FIX
OU MAXTABLE  1  500
OU MAXTABLE  8  500
OU MAXTABLE  24  500
OU PLOTFILE  1  1ALT  FIRST  1ALT`1`FIRST.plt  10000
```

```
OU PLOTFILE  1  2ALT  FIRST  2ALT`1`FIRST.plt  10001
OU PLOTFILE  1  3ALT-KUM  FIRST  3ALT-KUM`1`FIRST.plt  10002
OU PLOTFILE  8  1ALT  FIRST  1ALT`8`FIRST.plt  10003
OU PLOTFILE  8  2ALT  FIRST  2ALT`8`FIRST.plt  10004
OU PLOTFILE  8  3ALT-KUM  FIRST  3ALT-KUM`8`FIRST.plt  10005
OU PLOTFILE  24  1ALT  FIRST  1ALT`24`FIRST.plt  10006
OU PLOTFILE  24  2ALT  FIRST  2ALT`24`FIRST.plt  10007
OU PLOTFILE  24  3ALT-KUM  FIRST  3ALT-KUM`24`FIRST.plt  10008
OU PLOTFILE  ANNUAL  1ALT  1ALT`ANNUAL.plt  10009
OU PLOTFILE  ANNUAL  2ALT  2ALT`ANNUAL.plt  10010
OU PLOTFILE  ANNUAL  3ALT-KUM  3ALT-KUM`ANNUAL.plt  10011
OU POSTFILE  1  1ALT  UNFORM  1ALT`1.bin  10012
OU POSTFILE  1  2ALT  UNFORM  2ALT`1.bin  10013
OU POSTFILE  1  3ALT-KUM  UNFORM  3ALT-KUM`1.bin  10014
OU POSTFILE  8  1ALT  UNFORM  1ALT`8.bin  10015
OU POSTFILE  8  2ALT  UNFORM  2ALT`8.bin  10016
OU POSTFILE  8  3ALT-KUM  UNFORM  3ALT-KUM`8.bin  10017
OU POSTFILE  24  1ALT  UNFORM  1ALT`24.bin  10018
OU POSTFILE  24  2ALT  UNFORM  2ALT`24.bin  10019
OU POSTFILE  24  3ALT-KUM  UNFORM  3ALT-KUM`24.bin  10020
OU POSTFILE  ANNUAL  1ALT  UNFORM  1ALT`ANNUAL.bin  10021
OU POSTFILE  ANNUAL  2ALT  UNFORM  2ALT`ANNUAL.bin  10022
OU POSTFILE  ANNUAL  3ALT-KUM  UNFORM  3ALT-KUM`ANNUAL.bin  10023
OU FINISHED


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of           24 Warning Message(s)
```

A Total of 0 Informational Message(s)

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

******** WARNING MESSAGES ********

```
 OU W565   326 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   327 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   328 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   329 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   330 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   331 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   332 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   333 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   334 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   335 PERPLT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   336 PERPLT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   337 PERPLT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
```

```
 OU W565   338 OUPOST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   339 OUPOST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   340 OUPOST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   341 OUPOST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   342 OUPOST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   343 OUPOST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   344 OUPOST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   345 OUPOST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   346 OUPOST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   347 PERPST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   348 PERPST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   349 PERPST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE

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

  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/24/11
                                   ***
```

**MODELOPTs: RegDFAULT CONC
ELEV

*** MODEL SETUP OPTIONS SUMMARY ***

- - - -

 **Model Calculates 3 Short Term Average(s) of: 1-HR   8-HR 24-HR
    and Calculates ANNUAL Averages

 **This Run Includes: 6 Source(s);   3 Source Group(s); and
971 Receptor(s)

 **The Model Assumes A Pollutant Type of: NOX

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

 **Output Options Selected:
         Model Outputs Tables of ANNUAL Averages by Receptor
         Model Outputs Tables of Highest Short Term Values by Receptor
(RECTABLE Keyword)
         Model Outputs Tables of Overall Maximum Short Term Values
(MAXTABLE Keyword)
         Model Outputs External File(s) of Concurrent Values for
Postprocessing (POSTFILE Keyword)
         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) =   750.00 ;
 Decay Coef. =   0.000   ; Rot. Angle =   0.0
                  Emission Units = GRAMS/SEC
   ; Emission Rate Unit Factor =   0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 4.0 MB of RAM.

*** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/24/11
***
*** 19:46:59

PAGE 2

**MODELOPTs: RegDFAULT CONC
ELEV

*** POINT SOURCE DATA
***

STACK SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)
BACA1A	0	0.28130E+02	NO	535249.0	4417479.0	NO	680.0	75.00	360.15	31.20	5.50
BACA1B	0	0.28130E+02	NO	535283.0	4417499.0	NO	680.0	75.00			

```
360.15    31.20     5.50    NO      NO    NO
   ON.ISIT.       0   0.60000E-01  535127.0 4417541.0   680.0    15.00
453.15     5.00     0.75    NO      NO    NO
   CALIK1         0   0.15320E+02  539763.0 4423247.0   840.0    80.00
365.49    18.85     7.00    NO      NO    NO
   CALIK2         0   0.15320E+02  539774.0 4423312.0   841.0    80.00
365.49    18.85     7.00    NO      NO    NO
   CALIK3         0   0.15320E+02  539783.0 4423378.0   840.0    80.00
365.49    18.85     7.00    NO      NO    NO
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/24/11
                                  ***
                                   ***        19:46:59

                                                PAGE   3
 **MODELOPTs:  RegDFAULT CONC
  ELEV



                                              *** SOURCE IDs DEFINING
SOURCE GROUPS ***

 GROUP ID                                                  SOURCE IDs


  1ALT      BACA1A  , BACA1B  ,


  2ALT      BACA1A  , BACA1B  , ON.ISIT.,
```

3ALT-KUM BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/24/11
***
*** 19:46:59

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**MODELOPTs: RegDFAULT CONC
ELEV

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

528000.0, 528500.0, 529000.0, 529500.0, 530000.0, 530500.0,
531000.0, 531500.0, 532000.0, 532500.0,
533000.0, 533500.0, 534000.0, 534500.0, 535000.0, 535500.0,
536000.0, 536500.0, 537000.0, 537500.0,
538000.0, 538500.0, 539000.0, 539500.0, 540000.0, 540500.0,
541000.0, 541500.0, 542000.0, 542500.0,
543000.0,

*** Y-COORDINATES OF GRID ***

(METERS)

4410000.0, 4410500.0, 4411000.0, 4411500.0, 4412000.0, 4412500.0,
4413000.0, 4413500.0, 4414000.0, 4414500.0,
4415000.0, 4415500.0, 4416000.0, 4416500.0, 4417000.0, 4417500.0,
4418000.0, 4418500.0, 4419000.0, 4419500.0,
4420000.0, 4420500.0, 4421000.0, 4421500.0, 4422000.0, 4422500.0,
4423000.0, 4423500.0, 4424000.0, 4424500.0,
4425000.0,

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/24/11
*** 19:46:59

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**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN
METERS *

Y-COORD | X-COORD
(METERS)
(METERS) | 528000.00 528500.00 529000.00 529500.00
530000.00 530500.00 531000.00 531500.00 532000.00
- - - -

```
 4425000.00 |       1098.00      1080.00      1013.00      1027.00
990.00       961.00       992.00      1100.00      1060.00
 4424500.00 |       1033.00      1040.00       980.00       945.00
930.00       927.00      1024.00      1057.00      1013.00
 4424000.00 |        970.00       998.00       952.00       928.00
895.00       952.00      1031.00      1037.00       991.00
 4423500.00 |        918.00       927.00       907.00       907.00
864.00       945.00      1016.00       983.00       943.00
 4423000.00 |        847.00       848.00       862.00       880.00
845.00       925.00       970.00       959.00       883.00
 4422500.00 |        813.00       813.00       843.00       847.00
827.00       904.00       893.00       884.00       845.00
 4422000.00 |        794.00       789.00       812.00       817.00
810.00       877.00       832.00       815.00       811.00
 4421500.00 |        763.00       775.00       785.00       790.00
794.00       848.00       799.00       778.00       829.00
 4421000.00 |        755.00       759.00       762.00       767.00
777.00       807.00       774.00       752.00       828.00
 4420500.00 |        754.00       745.00       747.00       753.00
767.00       806.00       757.00       736.00       796.00
 4420000.00 |        771.00       739.00       738.00       742.00
753.00       760.00       729.00       725.00       780.00
 4419500.00 |        776.00       741.00       733.00       727.00
735.00       733.00       702.00       701.00       695.00
 4419000.00 |        770.00       737.00       730.00       719.00
717.00       711.00       699.00       724.00       804.00
 4418500.00 |        771.00       744.00       725.00       724.00
712.00       703.00       700.00       843.00       872.00
 4418000.00 |        772.00       743.00       729.00       717.00
709.00       704.00       729.00       799.00       862.00
 4417500.00 |        755.00       739.00       731.00       723.00
```

```
 709.00       707.00       774.00       814.00       903.00
  4417000.00 |        771.00       752.00       740.00       729.00
 717.00       711.00       807.00       902.00       897.00
  4416500.00 |        767.00       752.00       751.00       746.00
 732.00       716.00       803.00       870.00       950.00
  4416000.00 |        776.00       786.00       784.00       781.00
 763.00       719.00       774.00       880.00       958.00
  4415500.00 |        793.00       854.00       789.00       779.00
 742.00       726.00       810.00       902.00       981.00
  4415000.00 |        842.00       803.00       800.00       782.00
 762.00       724.00       801.00       859.00       951.00
  4414500.00 |        830.00       892.00       883.00       843.00
 745.00       736.00       797.00       893.00       961.00
  4414000.00 |        875.00       953.00       879.00       797.00
 754.00       745.00       806.00       872.00       972.00
  4413500.00 |        905.00       897.00       849.00       823.00
 736.00       764.00       846.00       899.00      1007.00
  4413000.00 |        906.00       920.00       869.00       828.00
 742.00       811.00       928.00       959.00       939.00
  4412500.00 |        947.00       852.00       852.00       750.00
 766.00       861.00       923.00       981.00       905.00
  4412000.00 |        928.00       806.00       800.00       749.00
 818.00       922.00       978.00       969.00       929.00
  4411500.00 |        909.00       790.00       778.00       785.00
 863.00       940.00       937.00       921.00       871.00
  4411000.00 |        868.00       793.00       857.00       887.00
 877.00       954.00       908.00       881.00       874.00
  4410500.00 |        765.00       818.00       872.00       970.00
 953.00       951.00       920.00       863.00       822.00
  4410000.00 |        813.00       937.00       963.00      1067.00
1033.00       940.00       902.00       853.00       830.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
```

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	532500.00	533000.00	533500.00	534000.00	534500.00
535000.00	535500.00	536000.00	536500.00		
4425000.00	1100.00	1013.00	942.00	870.00	807.00
829.00	756.00	726.00	676.00		
4424500.00	977.00	978.00	878.00	812.00	786.00
798.00	775.00	714.00	680.00		
4424000.00	936.00	949.00	873.00	797.00	760.00
745.00	755.00	737.00	712.00		
4423500.00	913.00	903.00	833.00	756.00	753.00
712.00	736.00	721.00	662.00		
4423000.00	884.00	860.00	827.00	757.00	

736.00	700.00	710.00	657.00	656.00	
4422500.00		863.00	822.00	783.00	782.00
726.00	685.00	667.00	670.00	686.00	
4422000.00		869.00	794.00	731.00	739.00
697.00	696.00	659.00	725.00	738.00	
4421500.00		833.00	768.00	734.00	694.00
677.00	665.00	662.00	735.00	764.00	
4421000.00		776.00	725.00	714.00	672.00
694.00	762.00	661.00	674.00	717.00	
4420500.00		808.00	725.00	682.00	675.00
735.00	779.00	701.00	663.00	679.00	
4420000.00		730.00	687.00	708.00	697.00
774.00	762.00	772.00	682.00	666.00	
4419500.00		704.00	743.00	780.00	733.00
783.00	801.00	809.00	721.00	673.00	
4419000.00		764.00	845.00	829.00	770.00
816.00	786.00	749.00	668.00	670.00	
4418500.00		834.00	859.00	866.00	829.00
757.00	732.00	689.00	667.00	674.00	
4418000.00		891.00	946.00	914.00	812.00
758.00	697.00	663.00	694.00	732.00	
4417500.00		929.00	980.00	930.00	894.00
816.00	739.00	665.00	704.00	730.00	
4417000.00		960.00	1014.00	961.00	815.00
822.00	758.00	672.00	667.00	691.00	
4416500.00		1000.00	1008.00	934.00	815.00
733.00	685.00	665.00	676.00	701.00	
4416000.00		1014.00	918.00	855.00	774.00
688.00	666.00	712.00	724.00	713.00	
4415500.00		1013.00	945.00	847.00	749.00
712.00	673.00	667.00	731.00	712.00	
4415000.00		1001.00	900.00	811.00	769.00

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740.00       696.00       669.00       685.00       709.00
 4414500.00 |        941.00       868.00       797.00       766.00
767.00       701.00       668.00       690.00       704.00
 4414000.00 |        976.00       900.00       871.00       778.00
764.00       694.00       671.00       713.00       742.00
 4413500.00 |        977.00       921.00       874.00       780.00
726.00       706.00       677.00       681.00       741.00
 4413000.00 |        912.00       852.00       823.00       806.00
742.00       722.00       692.00       875.00       696.00
 4412500.00 |        857.00       817.00       790.00       780.00
750.00       740.00       703.00       683.00       677.00
 4412000.00 |        855.00       806.00       770.00       742.00
728.00       728.00       710.00       744.00       674.00
 4411500.00 |        818.00       801.00       765.00       794.00
833.00       776.00       730.00       747.00       717.00
 4411000.00 |        799.00       802.00       808.00       867.00
856.00       791.00       858.00       767.00       795.00
 4410500.00 |        855.00       835.00       877.00       909.00
840.00       817.00       802.00       768.00       772.00
 4410000.00 |        838.00       902.00       933.00       884.00
863.00       855.00       815.00       777.00       756.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/24/11
                                   ***
                                   ***        19:46:59

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**MODELOPTs:  RegDFAULT CONC
 ELEV
```

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	537000.00	537500.00	538000.00	538500.00	539000.00
539500.00	540000.00	540500.00	541000.00		
4425000.00	671.00	810.00	759.00	731.00	738.00
751.00	770.00	796.00	835.00		
4424500.00	658.00	718.00	810.00	763.00	777.00
770.00	785.00	813.00	851.00		
4424000.00	663.00	699.00	823.00	799.00	800.00
798.00	814.00	833.00	897.00		
4423500.00	663.00	729.00	838.00	881.00	826.00
817.00	861.00	860.00	845.00		
4423000.00	682.00	739.00	833.00	820.00	815.00
812.00	826.00	814.00	810.00		
4422500.00	723.00	753.00	777.00	775.00	776.00
792.00	789.00	784.00	800.00		
4422000.00	772.00	744.00	751.00	740.00	767.00
767.00	762.00	765.00	774.00		
4421500.00	751.00	729.00	726.00	720.00	728.00
735.00	742.00	750.00	780.00		
4421000.00	712.00	705.00	711.00	740.00	747.00
746.00	761.00	780.00	809.00		
4420500.00	700.00	712.00	711.00	732.00	

765.00	757.00	772.00	802.00	840.00	
4420000.00		686.00	689.00	735.00	741.00
766.00	791.00	786.00	818.00	855.00	
4419500.00		679.00	713.00	788.00	778.00
783.00	817.00	808.00	826.00	873.00	
4419000.00		685.00	740.00	789.00	803.00
801.00	821.00	832.00	843.00	857.00	
4418500.00		694.00	730.00	766.00	780.00
787.00	828.00	846.00	867.00	896.00	
4418000.00		706.00	751.00	759.00	799.00
789.00	840.00	876.00	890.00	930.00	
4417500.00		728.00	761.00	782.00	857.00
810.00	845.00	905.00	933.00	973.00	
4417000.00		745.00	801.00	804.00	878.00
854.00	915.00	1009.00	999.00	1047.00	
4416500.00		753.00	816.00	839.00	915.00
986.00	981.00	1047.00	975.00	998.00	
4416000.00		759.00	799.00	823.00	847.00
940.00	937.00	982.00	966.00	919.00	
4415500.00		762.00	774.00	783.00	856.00
934.00	920.00	909.00	919.00	868.00	
4415000.00		722.00	746.00	765.00	800.00
835.00	880.00	871.00	857.00	845.00	
4414500.00		716.00	733.00	750.00	789.00
799.00	816.00	849.00	825.00	840.00	
4414000.00		777.00	802.00	759.00	762.00
779.00	788.00	799.00	796.00	846.00	
4413500.00		771.00	798.00	765.00	766.00
770.00	778.00	778.00	790.00	806.00	
4413000.00		769.00	756.00	779.00	780.00
763.00	763.00	764.00	773.00	780.00	
4412500.00		708.00	722.00	751.00	748.00

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738.00       750.00       743.00       791.00       792.00
 4412000.00 |        689.00       701.00       713.00       716.00
728.00       742.00       751.00       771.00       779.00
 4411500.00 |        670.00       681.00       694.00       704.00
718.00       718.00       735.00       775.00       792.00
 4411000.00 |        688.00       676.00       680.00       687.00
708.00       706.00       737.00       740.00       741.00
 4410500.00 |        717.00       693.00       697.00       683.00
680.00       680.00       685.00       697.00       703.00
 4410000.00 |        719.00       761.00       736.00       734.00
705.00       680.00       677.00       679.00       710.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/24/11
                                   ***
                                   ***        19:46:59

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 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                  *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***

                                                 * ELEVATION HEIGHTS IN
METERS *

    Y-COORD  |                                                    X-COORD
(METERS)
    (METERS) |     541500.00    542000.00    542500.00    543000.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

4425000.00	884.00	992.00	962.00	931.00
4424500.00	955.00	914.00	901.00	887.00
4424000.00	880.00	876.00	861.00	854.00
4423500.00	843.00	846.00	859.00	823.00
4423000.00	817.00	811.00	805.00	845.00
4422500.00	793.00	793.00	825.00	777.00
4422000.00	772.00	822.00	872.00	989.00
4421500.00	816.00	865.00	907.00	1051.00
4421000.00	876.00	976.00	1068.00	1124.00
4420500.00	932.00	1047.00	1080.00	1086.00
4420000.00	936.00	1074.00	1024.00	1042.00
4419500.00	982.00	959.00	958.00	985.00
4419000.00	918.00	1025.00	1048.00	1060.00
4418500.00	971.00	1096.00	1068.00	1110.00
4418000.00	1022.00	1048.00	1069.00	1051.00
4417500.00	1023.00	1022.00	1017.00	984.00
4417000.00	967.00	1027.00	968.00	999.00
4416500.00	987.00	951.00	968.00	997.00
4416000.00	943.00	919.00	1047.00	1084.00
4415500.00	889.00	1000.00	1038.00	1054.00
4415000.00	893.00	945.00	981.00	1001.00
4414500.00	934.00	947.00	931.00	978.00
4414000.00	856.00	896.00	892.00	916.00
4413500.00	820.00	851.00	853.00	883.00
4413000.00	799.00	812.00	824.00	835.00
4412500.00	774.00	781.00	798.00	797.00
4412000.00	752.00	774.00	779.00	773.00
4411500.00	746.00	779.00	766.00	754.00
4411000.00	732.00	775.00	753.00	745.00
4410500.00	742.00	753.00	740.00	727.00

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  4410000.00 |         745.00        738.00        732.00        710.00
 *** AERMOD - VERSION 09292 ***     ***  NO TITLE SPECIFIED
                                    ***         10/24/11
                                   ***
                                   ***         19:46:59

                                                PAGE   9
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                  *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***

                                                 * HILL HEIGHT SCALES IN
METERS *

    Y-COORD  |                                                  X-COORD
(METERS)
    (METERS) |     528000.00    528500.00    529000.00    529500.00
530000.00    530500.00    531000.00    531500.00    532000.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  4425000.00 |       1098.00      1080.00      1013.00      1027.00
 990.00       961.00       992.00      1100.00      1060.00
  4424500.00 |       1033.00      1040.00       980.00       945.00
 930.00       927.00      1024.00      1057.00      1013.00
  4424000.00 |        970.00       998.00       952.00       928.00
 895.00       952.00      1031.00      1037.00       991.00
  4423500.00 |        918.00       927.00       907.00       907.00
```

864.00	945.00	1016.00	983.00	943.00	
4423000.00		847.00	848.00	862.00	880.00
845.00	925.00	970.00	959.00	883.00	
4422500.00		813.00	813.00	843.00	847.00
827.00	904.00	893.00	884.00	845.00	
4422000.00		794.00	789.00	812.00	817.00
810.00	877.00	832.00	815.00	811.00	
4421500.00		763.00	775.00	785.00	790.00
794.00	848.00	799.00	778.00	829.00	
4421000.00		755.00	759.00	762.00	767.00
777.00	807.00	774.00	752.00	828.00	
4420500.00		754.00	745.00	747.00	753.00
767.00	806.00	757.00	736.00	796.00	
4420000.00		771.00	739.00	738.00	742.00
753.00	760.00	729.00	725.00	780.00	
4419500.00		776.00	741.00	733.00	727.00
735.00	733.00	702.00	701.00	695.00	
4419000.00		770.00	737.00	730.00	719.00
717.00	711.00	699.00	724.00	804.00	
4418500.00		771.00	744.00	725.00	724.00
712.00	703.00	700.00	843.00	872.00	
4418000.00		772.00	743.00	729.00	717.00
709.00	704.00	729.00	799.00	862.00	
4417500.00		755.00	739.00	731.00	723.00
709.00	707.00	774.00	814.00	903.00	
4417000.00		771.00	752.00	740.00	729.00
717.00	711.00	807.00	902.00	897.00	
4416500.00		767.00	752.00	751.00	746.00
732.00	716.00	803.00	870.00	950.00	
4416000.00		776.00	786.00	784.00	781.00
763.00	719.00	774.00	880.00	958.00	
4415500.00		793.00	854.00	789.00	779.00

```
 742.00       726.00       810.00       902.00       981.00
  4415000.00 |       842.00       803.00       800.00       782.00
 762.00       724.00       801.00       859.00       951.00
  4414500.00 |       830.00       892.00       883.00       843.00
 745.00       736.00       797.00       893.00       961.00
  4414000.00 |       875.00       953.00       879.00       797.00
 754.00       745.00       806.00       872.00       972.00
  4413500.00 |       905.00       897.00       849.00       823.00
 736.00       764.00       846.00       899.00      1007.00
  4413000.00 |       906.00       920.00       869.00       828.00
 742.00       811.00       928.00       959.00       939.00
  4412500.00 |       947.00       852.00       852.00       750.00
 766.00       861.00       923.00       981.00       905.00
  4412000.00 |       928.00       806.00       800.00       749.00
 818.00       922.00       978.00       969.00       929.00
  4411500.00 |       909.00       790.00       778.00       785.00
 863.00       940.00       937.00       921.00       871.00
  4411000.00 |       868.00       793.00       857.00       887.00
 877.00       954.00       908.00       881.00       874.00
  4410500.00 |       765.00       818.00       872.00       970.00
 953.00       951.00       920.00       863.00       822.00
  4410000.00 |       813.00       937.00       963.00      1067.00
1033.00       940.00       902.00       853.00       830.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/24/11
                                  ***
                                  ***       19:46:59

                                                PAGE  10

 **MODELOPTs:  RegDFAULT CONC
  ELEV
```

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)										
	532500.00	533000.00	533500.00	534000.00	534500.00	535000.00	535500.00	536000.00	536500.00		
4425000.00	1100.00	1013.00	942.00	870.00	807.00	829.00	756.00	726.00	676.00		
4424500.00	977.00	978.00	878.00	812.00	786.00	798.00	775.00	714.00	680.00		
4424000.00	936.00	949.00	873.00	797.00	760.00	745.00	755.00	737.00	712.00		
4423500.00	913.00	903.00	833.00	756.00	753.00	712.00	736.00	721.00	662.00		
4423000.00	884.00	860.00	827.00	757.00	736.00	700.00	710.00	657.00	656.00		
4422500.00	863.00	822.00	783.00	782.00	726.00	685.00	667.00	670.00	686.00		
4422000.00	869.00	794.00	731.00	739.00	697.00	696.00	659.00	725.00	738.00		
4421500.00	833.00	768.00	734.00	694.00	677.00	665.00	662.00	735.00	764.00		
4421000.00	776.00	725.00	714.00	672.00							

694.00	762.00	661.00	674.00	717.00	
4420500.00	808.00	725.00	682.00	675.00	
735.00	779.00	701.00	663.00	679.00	
4420000.00	730.00	687.00	708.00	697.00	
774.00	762.00	772.00	682.00	666.00	
4419500.00	704.00	743.00	780.00	733.00	
783.00	801.00	809.00	721.00	673.00	
4419000.00	764.00	845.00	829.00	770.00	
816.00	786.00	749.00	668.00	670.00	
4418500.00	834.00	859.00	866.00	829.00	
757.00	732.00	689.00	667.00	674.00	
4418000.00	891.00	946.00	914.00	812.00	
758.00	697.00	663.00	694.00	732.00	
4417500.00	929.00	980.00	930.00	894.00	
816.00	739.00	665.00	704.00	730.00	
4417000.00	960.00	1014.00	961.00	815.00	
822.00	758.00	672.00	667.00	691.00	
4416500.00	1000.00	1008.00	934.00	815.00	
733.00	685.00	665.00	676.00	701.00	
4416000.00	1014.00	918.00	855.00	774.00	
688.00	666.00	712.00	724.00	713.00	
4415500.00	1013.00	945.00	847.00	749.00	
712.00	673.00	667.00	731.00	712.00	
4415000.00	1001.00	900.00	811.00	769.00	
740.00	696.00	669.00	685.00	709.00	
4414500.00	941.00	868.00	797.00	766.00	
767.00	701.00	668.00	690.00	704.00	
4414000.00	976.00	900.00	871.00	778.00	
764.00	694.00	671.00	713.00	742.00	
4413500.00	977.00	921.00	874.00	780.00	
726.00	706.00	677.00	681.00	741.00	
4413000.00	912.00	852.00	823.00	806.00	

```
 742.00       722.00       692.00       875.00       696.00
  4412500.00 |        857.00       817.00       790.00       780.00
 750.00       740.00       703.00       683.00       677.00
  4412000.00 |        855.00       806.00       770.00       742.00
 728.00       728.00       710.00       744.00       674.00
  4411500.00 |        818.00       801.00       765.00       794.00
 833.00       776.00       730.00       747.00       717.00
  4411000.00 |        799.00       802.00       808.00       867.00
 856.00       791.00       858.00       767.00       795.00
  4410500.00 |        855.00       835.00       877.00       909.00
 840.00       817.00       802.00       768.00       772.00
  4410000.00 |        838.00       902.00       933.00       884.00
 863.00       855.00       815.00       777.00       756.00
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/24/11
                                   ***
                                   ***       19:46:59

                                             PAGE  11
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                  *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***

                                               * HILL HEIGHT SCALES IN
METERS *

    Y-COORD  |                                                X-COORD
(METERS)
```

(METERS)	537000.00	537500.00	538000.00	538500.00	539000.00	539500.00	540000.00	540500.00	541000.00
4425000.00	671.00	810.00	759.00	731.00	738.00	751.00	770.00	796.00	835.00
4424500.00	658.00	718.00	810.00	763.00	777.00	770.00	785.00	813.00	851.00
4424000.00	663.00	699.00	823.00	799.00	800.00	798.00	814.00	833.00	897.00
4423500.00	663.00	729.00	838.00	881.00	826.00	817.00	861.00	860.00	845.00
4423000.00	682.00	739.00	833.00	820.00	815.00	812.00	826.00	814.00	810.00
4422500.00	723.00	753.00	777.00	775.00	776.00	792.00	789.00	784.00	800.00
4422000.00	772.00	744.00	751.00	740.00	767.00	767.00	762.00	765.00	774.00
4421500.00	751.00	729.00	726.00	720.00	728.00	735.00	742.00	750.00	780.00
4421000.00	712.00	705.00	711.00	740.00	747.00	746.00	761.00	780.00	809.00
4420500.00	700.00	712.00	711.00	732.00	765.00	757.00	772.00	802.00	840.00
4420000.00	686.00	689.00	735.00	741.00	766.00	791.00	786.00	818.00	855.00
4419500.00	679.00	713.00	788.00	778.00	783.00	817.00	808.00	826.00	873.00
4419000.00	685.00	740.00	789.00	803.00	801.00	821.00	832.00	843.00	857.00
4418500.00	694.00	730.00	766.00	780.00					

787.00	828.00	846.00	867.00	896.00	
4418000.00		706.00	751.00	759.00	799.00
789.00	840.00	876.00	890.00	930.00	
4417500.00		728.00	761.00	782.00	857.00
810.00	845.00	905.00	933.00	973.00	
4417000.00		745.00	801.00	804.00	878.00
854.00	915.00	1009.00	999.00	1047.00	
4416500.00		753.00	816.00	839.00	915.00
986.00	981.00	1047.00	975.00	998.00	
4416000.00		759.00	799.00	823.00	847.00
940.00	937.00	982.00	966.00	919.00	
4415500.00		762.00	774.00	783.00	856.00
934.00	920.00	909.00	919.00	868.00	
4415000.00		722.00	746.00	765.00	800.00
835.00	880.00	871.00	857.00	845.00	
4414500.00		716.00	733.00	750.00	789.00
799.00	816.00	849.00	825.00	840.00	
4414000.00		777.00	802.00	759.00	762.00
779.00	788.00	799.00	796.00	846.00	
4413500.00		771.00	798.00	765.00	766.00
770.00	778.00	778.00	790.00	806.00	
4413000.00		769.00	756.00	779.00	780.00
763.00	763.00	764.00	773.00	780.00	
4412500.00		708.00	722.00	751.00	748.00
738.00	750.00	743.00	791.00	792.00	
4412000.00		689.00	701.00	713.00	716.00
728.00	742.00	751.00	771.00	779.00	
4411500.00		670.00	681.00	694.00	704.00
718.00	718.00	735.00	775.00	792.00	
4411000.00		688.00	676.00	680.00	687.00
708.00	706.00	737.00	740.00	741.00	
4410500.00		717.00	693.00	697.00	683.00

```
 680.00       680.00       685.00       697.00       703.00
  4410000.00 |       719.00       761.00       736.00       734.00
 705.00       680.00       677.00       679.00       710.00
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                     ***        10/24/11
                                    ***
                                    ***        19:46:59

                                               PAGE  12
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                    *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***

                                                 * HILL HEIGHT SCALES IN
METERS *

    Y-COORD  |                                                 X-COORD
(METERS)
    (METERS) |     541500.00    542000.00    542500.00    543000.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  4425000.00 |        884.00       992.00       962.00       931.00
  4424500.00 |        955.00       914.00       901.00       887.00
  4424000.00 |        880.00       876.00       861.00       854.00
  4423500.00 |        843.00       846.00       859.00       823.00
  4423000.00 |        817.00       811.00       805.00       845.00
  4422500.00 |        793.00       793.00       825.00       777.00
```

4422000.00	772.00	822.00	872.00	989.00
4421500.00	816.00	865.00	907.00	1051.00
4421000.00	876.00	976.00	1068.00	1124.00
4420500.00	932.00	1047.00	1080.00	1086.00
4420000.00	936.00	1074.00	1024.00	1042.00
4419500.00	982.00	959.00	958.00	985.00
4419000.00	918.00	1025.00	1048.00	1060.00
4418500.00	971.00	1096.00	1068.00	1110.00
4418000.00	1022.00	1048.00	1069.00	1051.00
4417500.00	1023.00	1022.00	1017.00	984.00
4417000.00	967.00	1027.00	968.00	999.00
4416500.00	987.00	951.00	968.00	997.00
4416000.00	943.00	919.00	1047.00	1084.00
4415500.00	889.00	1000.00	1038.00	1054.00
4415000.00	893.00	945.00	981.00	1001.00
4414500.00	934.00	947.00	931.00	978.00
4414000.00	856.00	896.00	892.00	916.00
4413500.00	820.00	851.00	853.00	883.00
4413000.00	799.00	812.00	824.00	835.00
4412500.00	774.00	781.00	798.00	797.00
4412000.00	752.00	774.00	779.00	773.00
4411500.00	746.00	779.00	766.00	754.00
4411000.00	732.00	775.00	753.00	745.00
4410500.00	742.00	753.00	740.00	727.00
4410000.00	745.00	738.00	732.00	710.00

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/24/11
***
*** 19:46:59

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**MODELOPTs: RegDFAULT CONC

ELEV

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

```
     ( 537268.0, 4419321.0,     708.0,     708.0,       0.0);         (
533288.0, 4420664.0,     702.0,     702.0,       0.0);
     ( 530873.0, 4418253.0,     707.0,     707.0,       0.0);         (
532253.0, 4419045.0,     772.0,     772.0,       0.0);
     ( 534268.0, 4421987.0,     720.0,     720.0,       0.0);         (
536366.0, 4419557.0,     688.0,     688.0,       0.0);
     ( 534987.0, 4418091.0,     692.0,     692.0,       0.0);         (
530614.0, 4415312.0,     729.0,     729.0,       0.0);
     ( 538946.0, 4413223.0,     762.0,     762.0,       0.0);         (
541693.0, 4411996.0,     758.0,     758.0,       0.0);
```


**MODELOPTs: RegDFAULT CONC
ELEV

*** METEOROLOGICAL DAYS

SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

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

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

**MODELOPTs: RegDFAULT CONC
ELEV

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

Surface file: C:\idk.nox.1\o.VERIM.SFC
Met Version: 06341
Profile file: C:\idk.nox.1\o.VERIM.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 17135 Upper air station no.: 17130
Name: UNKNOWN Name: UNKNOWN
Year: 2004 Year: 2004

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

```
 04 01 01   1 01   -3.7  0.087 -9.000 -9.000 -999.   59.     15.8  0.99
 2.27   1.00    1.00    1.   10.0  271.4    2.0
 04 01 01   1 02  -24.5  0.416 -9.000 -9.000 -999.  618.    266.2  0.99
 2.27   1.00    2.60   48.   10.0  270.9    2.0
 04 01 01   1 03  -24.5  0.416 -9.000 -9.000 -999.  618.    266.2  0.99
 2.27   1.00    2.60   54.   10.0  270.9    2.0
 04 01 01   1 04  -10.7  0.183 -9.000 -9.000 -999.  232.     51.1  0.99
 2.27   1.00    1.50   53.   10.0  270.9    2.0
 04 01 01   1 05   -3.7  0.087 -9.000 -9.000 -999.   70.     15.8  0.99
 2.27   1.00    1.00    3.   10.0  271.4    2.0
 04 01 01   1 06   -0.9  0.043 -9.000 -9.000 -999.   21.      7.9  0.99
 2.27   1.00    0.50   22.   10.0  271.4    2.0
 04 01 01   1 07   -3.7  0.087 -9.000 -9.000 -999.   59.     15.8  0.99
 2.27   1.00    1.00   25.   10.0  271.4    2.0
 04 01 01   1 08  -10.5  0.190 -9.000 -9.000 -999.  190.     58.5  0.99
 2.27   0.53    1.50   73.   10.0  272.0    2.0
 04 01 01   1 09   -1.7  0.253 -9.000 -9.000 -999.  293.    847.3  0.99
 2.27   0.26    1.50   67.   10.0  272.0    2.0
 04 01 01   1 10   15.0  0.207  0.305  0.005   68.  217.    -53.0  0.99
 2.27   0.17    1.00   71.   10.0  272.0    2.0
 04 01 01   1 11   26.8  0.295  0.521  0.005  190.  368.    -86.3  0.99
 2.27   0.13    1.50   94.   10.0  272.5    2.0
 04 01 01   1 12   32.3  0.142  0.671  0.005  338.  138.     -8.0  0.99
 2.27   0.12    0.50  176.   10.0  273.1    2.0
 04 01 01   1 13   31.3  0.298  0.747  0.005  481.  374.    -76.5  0.99
 2.27   0.12    1.50   73.   10.0  273.8    2.0
 04 01 01   1 14   23.7  0.292  0.716  0.005  558.  363.    -94.6  0.99
 2.27   0.14    1.50   69.   10.0  273.8    2.0
 04 01 01   1 15   10.1  0.375  0.541  0.005  564.  528.   -470.0  0.99
 2.27   0.19    2.10   72.   10.0  273.1    2.0
 04 01 01   1 16   -6.4  0.231 -9.000 -9.000 -999.  267.    173.2  0.99
```

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2.27   0.32    1.50   94.   10.0  273.1    2.0
04 01 01   1 17  -10.1  0.145 -9.000 -9.000 -999.  130.     27.3  0.99
2.27   1.00    1.50   91.   10.0  273.1    2.0
04 01 01   1 18  -10.1  0.145 -9.000 -9.000 -999.  127.     27.3  0.99
2.27   1.00    1.50   67.   10.0  273.1    2.0
04 01 01   1 19   -1.0  0.043 -9.000 -9.000 -999.   30.      7.3  0.99
2.27   1.00    0.50   74.   10.0  273.1    2.0
04 01 01   1 20   -1.0  0.043 -9.000 -9.000 -999.   21.      7.3  0.99
2.27   1.00    0.50   47.   10.0  273.8    2.0
04 01 01   1 21   -4.0  0.087 -9.000 -9.000 -999.   59.     14.5  0.99
2.27   1.00    1.00  160.   10.0  273.1    2.0
04 01 01   1 22   -1.0  0.043 -9.000 -9.000 -999.   21.      7.3  0.99
2.27   1.00    0.50  202.   10.0  273.1    2.0
04 01 01   1 23   -4.0  0.087 -9.000 -9.000 -999.   59.     14.5  0.99
2.27   1.00    1.00  110.   10.0  273.1    2.0
04 01 01   1 24  -21.6  0.310 -9.000 -9.000 -999.  397.    124.6  0.99
2.27   1.00    2.10   70.   10.0  272.5    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 04 01 01 01   10.0 1    1.    1.00   271.5   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/24/11
                                   ***
                                   ***        19:46:59

                                              PAGE  16
 **MODELOPTs:  RegDFAULT CONC
  ELEV
```

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	528000.00	528500.00	529000.00	529500.00	530000.00
530500.00	531000.00	531500.00	532000.00		
4425000.00	0.14075	0.17670	0.25579	0.24209	0.24749
0.21086	0.21010	0.14718	0.21449		
4424500.00	0.17233	0.20102	0.29538	0.35568	0.33635
0.25606	0.22038	0.19733	0.26932		
4424000.00	0.15469	0.19560	0.29316	0.40615	0.42528
0.32238	0.24378	0.22716	0.27780		
4423500.00	0.10252	0.14853	0.24298	0.38797	0.38832
0.39772	0.29191	0.26855	0.24895		
4423000.00	0.05629	0.06392	0.10453	0.23379	0.25371
0.48987	0.38444	0.32403	0.17857		
4422500.00	0.04747	0.04926	0.06391	0.08991	

```
0.11339      0.47898      0.57244      0.45211      0.16688
  4422000.00 |       0.04734      0.04801      0.05269      0.05721
0.06356      0.26064      0.23641      0.17626      0.13135
  4421500.00 |       0.04911      0.05029      0.05195      0.05412
0.05728      0.09625      0.08137      0.08174      0.27634
  4421000.00 |       0.05327      0.05404      0.05490      0.05632
0.05862      0.06493      0.06593      0.07130      0.27964
  4420500.00 |       0.05801      0.05808      0.05936      0.06085
0.06286      0.06897      0.06848      0.07389      0.09660
  4420000.00 |       0.06727      0.06211      0.06398      0.06618
0.06895      0.07131      0.07419      0.07915      0.08596
  4419500.00 |       0.07020      0.06658      0.06875      0.07130
0.07452      0.07783      0.08239      0.08783      0.09545
  4419000.00 |       0.07132      0.07218      0.07489      0.07810
0.08173      0.08617      0.09187      0.09761      0.16180
  4418500.00 |       0.08356      0.08153      0.08421      0.08778
0.09232      0.09787      0.10447      0.32819      0.74110
  4418000.00 |       0.10770      0.09436      0.09667      0.10109
0.10692      0.11405      0.12216      0.18243      0.51160
  4417500.00 |       0.10637      0.10453      0.10874      0.11464
0.12240      0.13237      0.18780      0.62750      2.84971
  4417000.00 |       0.12290      0.11458      0.11852      0.12591
0.13619      0.14962      0.27094      1.06480      1.13090
  4416500.00 |       0.11521      0.12007      0.12925      0.14017
0.15311      0.17023      0.45921      3.25412      3.34458
  4416000.00 |       0.14377      0.19019      0.22337      0.25586
0.21653      0.19466      0.35169      5.43506      2.82441
  4415500.00 |       0.33790      1.99919      0.40539      0.33129
0.20221      0.21095      0.76816      1.69610      2.00507
  4415000.00 |       1.89590      0.68639      0.62778      0.32702
0.22177      0.21896      0.34462      2.47240      3.58621
  4414500.00 |       1.34989      2.27993      1.65230      0.65408
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0.20635      0.23467      0.65903      5.88577      3.12820
  4414000.00 |       1.28895      0.94057      0.63561      0.26822
0.23256      0.25837      1.24899      4.94112      1.56249
  4413500.00 |       0.64016      0.69991      0.90178      1.06224
0.23296      0.31535      3.08636      1.91684      0.75430
  4413000.00 |       0.84495      1.40234      2.49238      1.85141
0.23183      1.05215      1.59593      0.72037      0.42622
  4412500.00 |       1.29643      2.19495      2.84840      0.22765
0.25583      1.38201      0.64067      0.46083      0.28736
  4412000.00 |       2.13641      0.86019      0.71988      0.19697
0.56037      0.63234      0.43760      0.34433      0.37027
  4411500.00 |       2.85032      0.47488      0.28127      0.23267
0.45506      0.37311      0.27627      0.27064      0.41490
  4411000.00 |       2.75187      0.40173      1.07852      0.55753
0.23505      0.28170      0.20868      0.26294      0.69393
  4410500.00 |       0.19332      0.47759      0.50252      0.39419
0.26951      0.23350      0.24056      0.35608      0.52495
  4410000.00 |       0.40045      0.59022      0.37960      0.20687
0.20892      0.21902      0.27346      0.50753      0.76623
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/24/11
                                  ***
                                  ***         19:46:59

                                              PAGE  17
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: 1ALT     ***
```

INCLUDING SOURCE(S): BACA1A , BACA1B ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	532500.00	533000.00	533500.00	534000.00	534500.00
535000.00	535500.00	536000.00	536500.00		
4425000.00	0.17940	0.29979	0.27750	0.15920	0.12655
0.22442	0.13055	0.13330	0.14375		
4424500.00	0.37118	0.36712	0.26563	0.11144	0.11903
0.15836	0.14597	0.14283	0.15497		
4424000.00	0.42450	0.43670	0.31812	0.11106	0.11967
0.13524	0.14780	0.15291	0.16408		
4423500.00	0.39429	0.52371	0.24188	0.10923	0.12578
0.14346	0.15671	0.16641	0.18003		
4423000.00	0.27424	0.40874	0.24970	0.11518	0.13334
0.15518	0.17069	0.18429	0.19709		
4422500.00	0.17072	0.18693	0.12392	0.13051	0.14302
0.17056	0.18985	0.20688	0.22224		
4422000.00	0.20559	0.10828	0.10890	0.12851	0.15647
0.18662	0.21124	0.22896	0.24828		
4421500.00	0.20296	0.09726	0.11352	0.13901	0.17321
0.20933	0.24167	0.26326	0.29803		

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  4421000.00 |       0.09965      0.10037      0.11927      0.15030
0.18921      0.23917      0.28272      0.31780      0.32004
  4420500.00 |       0.19090      0.10512      0.12892      0.16197
0.20724      0.28639      0.34147      0.38052      0.36789
  4420000.00 |       0.09605      0.11376      0.13386      0.17194
0.24507      0.33499      0.43294      0.48142      0.40798
  4419500.00 |       0.10507      0.11840      0.16812      0.18306
0.29635      0.44775      0.65948      0.60176      0.45288
  4419000.00 |       0.11655      0.16410      0.22900      0.21770
0.42080      0.55938      0.82188      0.74769      0.50088
  4418500.00 |       0.50962      0.78426      0.36968      0.29839
0.35587      0.72317      1.26710      0.86768      0.62605
  4418000.00 |       0.67084      1.08335      1.56630      0.59951
0.46129      0.69710      1.23719      1.11734      0.79361
  4417500.00 |       2.94982      2.51804      4.46566      7.05547
2.85030      0.94370      0.34896      1.10528      0.74650
  4417000.00 |       1.87208      2.45405      4.99659      4.43406
5.64487      2.24501      0.67997      0.56458      0.45272
  4416500.00 |       2.78985      3.08071      3.82890      5.02553
1.06409      1.26578      0.73361      0.48941      0.31133
  4416000.00 |       2.20270      4.44630     11.09340      0.67753
0.83436      0.79653      0.53689      0.40969      0.26981
  4415500.00 |       2.43752      5.57229      1.63892      0.50147
0.66498      0.55170      0.40171      0.34421      0.24515
  4415000.00 |       2.49126      2.42873      0.36569      0.49608
0.53073      0.39261      0.30781      0.28771      0.22781
  4414500.00 |       1.92989      0.44266      0.34867      0.48834
0.44018      0.29847      0.24523      0.23336      0.20932
  4414000.00 |       0.83803      0.44785      1.36340      0.52725
0.33010      0.24189      0.20328      0.18967      0.18852
  4413500.00 |       0.55036      0.64622      2.39071      0.45949
0.25759      0.19834      0.17412      0.16774      0.16586
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  4413000.00 |       0.39123      0.88300      1.35117      0.62327
0.21242      0.16769      0.14866      0.29637      0.14653
  4412500.00 |       0.41623      0.73089      0.50628      0.28662
0.17976      0.14677      0.13044      0.12798      0.13160
  4412000.00 |       0.73137      0.65272      0.30623      0.20515
0.15693      0.13081      0.11713      0.10854      0.11715
  4411500.00 |       0.58855      0.58464      0.25226      0.20614
0.23019      0.13690      0.10664      0.09902      0.10212
  4411000.00 |       0.44294      0.56640      0.42486      0.34477
0.28976      0.15493      0.54625      0.09412      0.09731
  4410500.00 |       1.55529      1.13964      0.85327      0.35450
0.24003      0.25105      0.17209      0.08870      0.08427
  4410000.00 |       1.21752      1.40288      0.61140      0.25886
0.30039      0.45160      0.22047      0.08794      0.07728
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/24/11
                                   ***
                                   ***        19:46:59

                                              PAGE  18
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: 1ALT     ***
                                 INCLUDING SOURCE(S):      BACA1A   ,
BACA1B   ,

                                  *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***
```

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

Y-COORD (METERS)	X-COORD (METERS)				
	537000.00	537500.00	538000.00	538500.00	539000.00
539500.00	540000.00	540500.00	541000.00		
4425000.00	0.15224	0.29580	0.17420	0.15404	0.13697
0.11741	0.10030	0.08924	0.09265		
4424500.00	0.16174	0.17090	0.32605	0.16244	0.13959
0.11375	0.09816	0.09234	0.11420		
4424000.00	0.17513	0.18086	0.40477	0.19381	0.13943
0.11211	0.10151	0.10684	0.24194		
4423500.00	0.18948	0.19288	0.47602	0.36075	0.14076
0.11403	0.13624	0.18066	0.26243		
4423000.00	0.20883	0.20385	0.35393	0.16959	0.12932
0.11514	0.13473	0.16952	0.22239		
4422500.00	0.22628	0.21468	0.18191	0.14398	0.12352
0.12046	0.13519	0.15338	0.22588		
4422000.00	0.27611	0.21474	0.17261	0.14336	0.12933
0.13196	0.13910	0.14670	0.15536		
4421500.00	0.26803	0.21489	0.17235	0.14962	0.14228
0.14373	0.14540	0.14317	0.15750		
4421000.00	0.27663	0.21796	0.17839	0.16256	0.16433
0.16258	0.16230	0.16242	0.17049		
4420500.00	0.28910	0.22188	0.19410	0.18639	0.19934
0.17465	0.16154	0.15978	0.22390		
4420000.00	0.30508	0.24673	0.22393	0.21173	

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0.20117      0.18820      0.16425      0.24439      0.56731
  4419500.00 |       0.33692      0.28327      0.34601      0.23906
0.20616      0.30613      0.30407      0.48313      0.93178
  4419000.00 |       0.39993      0.33226      0.29772      0.33461
0.34895      0.54260      0.60689      0.59555      0.54100
  4418500.00 |       0.48479      0.37297      0.32032      0.29632
0.26005      0.37564      0.33755      0.30626      0.30415
  4418000.00 |       0.54884      0.39613      0.30421      0.26762
0.21851      0.33778      0.47498      0.49697      0.47325
  4417500.00 |       0.49874      0.37208      0.33019      1.16627
0.39097      0.74257      0.91751      0.72066      0.52650
  4417000.00 |       0.34146      0.29729      0.24828      0.48018
0.42626      0.55000      0.42796      0.41346      0.31535
  4416500.00 |       0.23106      0.31851      0.51238      0.55663
0.41641      0.36738      0.28958      0.30939      0.29293
  4416000.00 |       0.18780      0.15055      0.16528      0.31912
0.44282      0.41589      0.33423      0.30105      0.25854
  4415500.00 |       0.17974      0.13489      0.10920      0.13196
0.24075      0.30899      0.36507      0.35788      0.33232
  4415000.00 |       0.16651      0.13151      0.10470      0.08879
0.09054      0.12742      0.15830      0.19394      0.20652
  4414500.00 |       0.15930      0.12558      0.10492      0.08970
0.07475      0.07025      0.08082      0.07361      0.10085
  4414000.00 |       0.15944      0.13265      0.10314      0.08892
0.07536      0.06402      0.05851      0.05502      0.06921
  4413500.00 |       0.15669      0.12358      0.09832      0.08892
0.07823      0.06633      0.05651      0.05150      0.05016
  4413000.00 |       0.14941      0.11758      0.09556      0.08848
0.07715      0.06804      0.05840      0.05107      0.04632
  4412500.00 |       0.12962      0.11547      0.09401      0.07988
0.07273      0.06728      0.05988      0.05656      0.04824
  4412000.00 |       0.11981      0.11238      0.09570      0.08025
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0.07049      0.06528      0.06099      0.05695      0.05024
  4411500.00 |       0.10893      0.10850      0.09637      0.08131
0.06959      0.06354      0.05931      0.05959      0.05787
  4411000.00 |       0.10015      0.10159      0.09584      0.08324
0.07003      0.06274      0.05751      0.05470      0.05118
  4410500.00 |       0.09006      0.09481      0.09183      0.08362
0.07328      0.06475      0.05858      0.05418      0.05104
  4410000.00 |       0.08258      0.09084      0.08859      0.08150
0.07157      0.06480      0.05825      0.05435      0.04984
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/24/11
                                  ***
                                  ***        19:46:59

                                             PAGE  19
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: 1ALT     ***
                                INCLUDING SOURCE(S):      BACA1A   ,
BACA1B   ,

                                 *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***

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

    Y-COORD  |                                              X-COORD
```

(METERS) (METERS)	541500.00	542000.00	542500.00	543000.00
4425000.00	0.14233	0.30010	0.41257	0.55645
4424500.00	0.30319	0.41825	0.58157	0.66093
4424000.00	0.37151	0.55236	0.58097	0.55317
4423500.00	0.39785	0.51311	0.63740	0.31680
4423000.00	0.30804	0.27163	0.22036	0.40827
4422500.00	0.19447	0.17877	0.27524	0.11096
4422000.00	0.14056	0.24404	0.31515	0.39317
4421500.00	0.20188	0.25776	0.30409	0.30191
4421000.00	0.27699	0.44345	0.29466	0.18088
4420500.00	0.51745	0.37868	0.28989	0.26775
4420000.00	0.74474	0.33454	0.44092	0.36530
4419500.00	0.61537	0.59009	0.50573	0.40551
4419000.00	0.50077	0.35328	0.28000	0.23555
4418500.00	0.35269	0.20505	0.22036	0.15906
4418000.00	0.33808	0.27562	0.22817	0.23993
4417500.00	0.37102	0.34776	0.33674	0.37804
4417000.00	0.41658	0.31002	0.37970	0.31880
4416500.00	0.28307	0.26820	0.26729	0.25170
4416000.00	0.23122	0.19282	0.18691	0.14536
4415500.00	0.31032	0.22989	0.18817	0.16330
4415000.00	0.30463	0.26459	0.22986	0.20506
4414500.00	0.19828	0.21891	0.23846	0.21320
4414000.00	0.08379	0.13473	0.16489	0.19563
4413500.00	0.05166	0.06488	0.07448	0.11312
4413000.00	0.04471	0.04505	0.04745	0.05296
4412500.00	0.04249	0.03998	0.03953	0.03871
4412000.00	0.04328	0.03952	0.03709	0.03540

4411500.00	0.04507	0.04102	0.03693	0.03458
4411000.00	0.04667	0.04333	0.03802	0.03494
4410500.00	0.04768	0.04406	0.03963	0.03626
4410000.00	0.04764	0.04458	0.04106	0.03792

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED ***
*** 10/24/11
***
*** 19:46:59

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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: 1ALT *** INCLUDING SOURCE(S): BACA1A ,
BACA1B ,

*** DISCRETE CARTESIAN
RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
537268.00	4419321.00	0.31898	533288.00	4420664.00	0.11481

530873.00 4418253.00 0.11039
532253.00 4419045.00 0.11209
534268.00 4421987.00 0.14216
536366.00 4419557.00 0.49188
534987.00 4418091.00 0.71610
530614.00 4415312.00 0.21936
538946.00 4413223.00 0.07840
541693.00 4411996.00 0.04161

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)

(METERS)	528000.00	528500.00	529000.00	529500.00	530000.00	530500.00	531000.00	531500.00	532000.00
4425000.00	0.14081	0.17676	0.25587	0.24217	0.24756	0.21094	0.21018	0.14727	0.21461
4424500.00	0.17239	0.20109	0.29546	0.35576	0.33643	0.25615	0.22046	0.19743	0.26945
4424000.00	0.15475	0.19566	0.29324	0.40625	0.42538	0.32247	0.24387	0.22726	0.27793
4423500.00	0.10258	0.14859	0.24305	0.38806	0.38844	0.39782	0.29201	0.26864	0.24907
4423000.00	0.05635	0.06399	0.10460	0.23388	0.25383	0.48998	0.38454	0.32413	0.17869
4422500.00	0.04754	0.04933	0.06398	0.08999	0.11350	0.47910	0.57257	0.45224	0.16701
4422000.00	0.04741	0.04808	0.05276	0.05729	0.06365	0.26074	0.23658	0.17646	0.13153
4421500.00	0.04927	0.05039	0.05204	0.05421	0.05738	0.09635	0.08153	0.08208	0.27654
4421000.00	0.05379	0.05432	0.05508	0.05645	0.05873	0.06504	0.06608	0.07226	0.27987
4420500.00	0.05900	0.05947	0.06029	0.06130	0.06302	0.06909	0.06871	0.07487	0.09680
4420000.00	0.06765	0.06456	0.06657	0.06812	0.06970	0.07164	0.07511	0.07994	0.08614
4419500.00	0.07044	0.06835	0.07158	0.07484	0.07800	0.08135	0.08393	0.08862	0.09592
4419000.00	0.07153	0.07340	0.07657	0.07999	0.08416	0.08883	0.09432	0.10285	0.16216
4418500.00	0.08393	0.08316	0.08657	0.08996

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0.09357      0.09884      0.10567      0.32845      0.74141
  4418000.00 |       0.10852      0.09893      0.10399      0.10709
0.11124      0.11756      0.12964      0.18298      0.51206
  4417500.00 |       0.10939      0.11233      0.11917      0.12589
0.13066      0.14081      0.18917      0.62842      2.85042
  4417000.00 |       0.12375      0.11705      0.12316      0.13181
0.14086      0.15331      0.27153      1.06531      1.13161
  4416500.00 |       0.11570      0.12123      0.13067      0.14247
0.15882      0.17879      0.46082      3.25550      3.34598
  4416000.00 |       0.14456      0.19118      0.22482      0.25787
0.22011      0.21985      0.35506      5.43641      2.82535
  4415500.00 |       0.33955      2.00016      0.40756      0.33399
0.21705      0.23202      0.76934      1.69683      2.00600
  4415000.00 |       1.89700      0.68820      0.62958      0.32879
0.22355      0.22473      0.34570      2.47375      3.58759
  4414500.00 |       1.35096      2.28048      1.65277      0.65457
0.20936      0.24475      0.66145      5.88719      3.12913
  4414000.00 |       1.28935      0.94086      0.63598      0.26905
0.23744      0.27184      1.25148      4.94217      1.56291
  4413500.00 |       0.64044      0.70026      0.90244      1.06359
0.25357      0.32002      3.08744      1.91729      0.75455
  4413000.00 |       0.84531      1.40284      2.49329      1.85298
0.24806      1.05349      1.59630      0.72060      0.42644
  4412500.00 |       1.29689      2.19598      2.84957      0.23765
0.25837      1.38242      0.64089      0.46100      0.28760
  4412000.00 |       2.13702      0.86207      0.72186      0.20335
0.56086      0.63254      0.43776      0.34450      0.37055
  4411500.00 |       2.85101      0.47705      0.28296      0.23329
0.45528      0.37325      0.27641      0.27084      0.41533
  4411000.00 |       2.75266      0.40297      1.07886      0.55773
0.23521      0.28182      0.20884      0.26322      0.69448
  4410500.00 |       0.19567      0.47801      0.50271      0.39431
```

0.26962 0.23362 0.24074 0.35646 0.52584
4410000.00 | 0.40087 0.59037 0.37971 0.20696
0.20902 0.21915 0.27368 0.50804 0.76716
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/24/11
***
*** 19:46:59

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT.,

*** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)									
	532500.00	533000.00	533500.00	534000.00	534500.00	535000.00	535500.00	536000.00	536500.00	
4410000.00	0.40087	0.59037	0.37971	0.20696	0.20902	0.21915	0.27368	0.50804	0.76716	

```
  4425000.00 |       0.17953      0.29992      0.27763      0.15937
0.12685      0.22481      0.13193      0.13592      0.14500
  4424500.00 |       0.37133      0.36727      0.26579      0.11164
0.11937      0.15886      0.14655      0.14451      0.15655
  4424000.00 |       0.42466      0.43686      0.31830      0.11128
0.12032      0.13820      0.14936      0.15534      0.16575
  4423500.00 |       0.39447      0.52391      0.24211      0.10974
0.12683      0.14634      0.16140      0.16873      0.18231
  4423000.00 |       0.27441      0.40898      0.24998      0.11573
0.13563      0.15723      0.17346      0.18576      0.20002
  4422500.00 |       0.17088      0.18724      0.12435      0.13084
0.14542      0.17277      0.19184      0.20870      0.22658
  4422000.00 |       0.20574      0.10860      0.11362      0.13098
0.15742      0.18887      0.21326      0.23267      0.25676
  4421500.00 |       0.20314      0.09758      0.11796      0.14094
0.17451      0.21150      0.24385      0.26837      0.30061
  4421000.00 |       0.09999      0.10265      0.12216      0.15260
0.19043      0.24066      0.28512      0.32227      0.33149
  4420500.00 |       0.19120      0.11013      0.13021      0.16450
0.21094      0.28764      0.34436      0.38623      0.37334
  4420000.00 |       0.09928      0.11593      0.13601      0.17438
0.24595      0.33697      0.43465      0.48964      0.41132
  4419500.00 |       0.10557      0.12073      0.16870      0.18751
0.29746      0.44959      0.66169      0.62091      0.45559
  4419000.00 |       0.11696      0.16439      0.22942      0.21867
0.42210      0.56220      0.83254      0.75321      0.50590
  4418500.00 |       0.51006      0.78474      0.37020      0.29916
0.35910      0.74395      1.28428      0.87544      0.63346
  4418000.00 |       0.67131      1.08387      1.56706      0.60100
0.46494      0.72140      1.26340      1.13024      0.81725
  4417500.00 |       2.95064      2.51900      4.46722      7.05845
2.85934      1.29747      0.38968      1.12387      0.76489
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  4417000.00 |       1.87305      2.45552      4.99952      4.44051
5.65884      2.27020      0.69357      0.56953      0.45685
  4416500.00 |       2.79129      3.08219      3.83151      5.03175
1.08117      1.27965      0.74057      0.49306      0.31283
  4416000.00 |       2.20368      4.44852     11.09662      0.67980
0.85151      0.80393      0.54381      0.41477      0.27339
  4415500.00 |       2.43894      5.57395      1.63998      0.50604
0.69351      0.55746      0.40491      0.35075      0.24771
  4415000.00 |       2.49232      2.42944      0.36660      0.49980
0.54039      0.39761      0.31051      0.29031      0.22950
  4414500.00 |       1.93042      0.44314      0.35005      0.49235
0.44197      0.30318      0.24770      0.23554      0.21121
  4414000.00 |       0.83833      0.44833      1.36471      0.53008
0.33135      0.24581      0.20573      0.19221      0.19134
  4413500.00 |       0.55063      0.64683      2.39208      0.46143
0.26093      0.20249      0.17674      0.16923      0.16872
  4413000.00 |       0.39158      0.88400      1.35289      0.62433
0.21434      0.17322      0.15106      0.29664      0.14818
  4412500.00 |       0.41680      0.73234      0.50822      0.28750
0.18099      0.15037      0.13292      0.12916      0.13308
  4412000.00 |       0.73212      0.65438      0.30812      0.20727
0.15940      0.13549      0.11993      0.10962      0.11837
  4411500.00 |       0.58969      0.58629      0.25378      0.20658
0.23050      0.13755      0.11039      0.09993      0.10349
  4411000.00 |       0.44442      0.56783      0.42553      0.34503
0.29001      0.15545      0.54652      0.09445      0.09753
  4410500.00 |       1.55619      1.14050      0.85363      0.35469
0.24029      0.25144      0.17248      0.08902      0.08450
  4410000.00 |       1.21849      1.40335      0.61163      0.25904
0.30060      0.45187      0.22080      0.08821      0.07766
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/24/11
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)										
	537000.00	537500.00	538000.00	538500.00	539000.00	539500.00	540000.00	540500.00	541000.00		
4425000.00	0.15463	0.29667	0.17654	0.15863	0.13906	0.11801	0.10048	0.08936	0.09275		
4424500.00	0.16455	0.17711	0.32691	0.16361	0.13996	0.11398	0.09830	0.09246	0.11432		
4424000.00	0.17871	0.18545	0.40549	0.19426							

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0.13967      0.11227      0.10164      0.10697      0.24209
  4423500.00 |       0.19378      0.20073      0.47659      0.36101
0.14095      0.11418      0.13637      0.18083      0.26271
  4423000.00 |       0.21454      0.20993      0.35438      0.16984
0.12950      0.11531      0.13494      0.16989      0.22297
  4422500.00 |       0.23588      0.21721      0.18237      0.14424
0.12374      0.12072      0.13568      0.15420      0.22663
  4422000.00 |       0.27783      0.21735      0.17329      0.14416
0.12971      0.13275      0.14090      0.14827      0.15639
  4421500.00 |       0.27155      0.21702      0.17343      0.15129
0.14796      0.15234      0.15223      0.14689      0.15813
  4421000.00 |       0.27974      0.21882      0.17960      0.16747
0.17000      0.16852      0.16393      0.16297      0.17081
  4420500.00 |       0.29051      0.22322      0.19881      0.19895
0.20103      0.17659      0.16209      0.16013      0.22419
  4420000.00 |       0.30669      0.25051      0.23786      0.22005
0.20211      0.18869      0.16475      0.24486      0.56773
  4419500.00 |       0.34132      0.29661      0.34721      0.23984
0.20683      0.30674      0.30479      0.48376      0.93223
  4419000.00 |       0.40704      0.33907      0.29868      0.33556
0.34994      0.54340      0.60753      0.59603      0.54136
  4418500.00 |       0.48968      0.38705      0.32221      0.29754
0.26089      0.37613      0.33790      0.30654      0.30437
  4418000.00 |       0.55655      0.39869      0.30550      0.26833
0.21916      0.33824      0.47535      0.49729      0.47351
  4417500.00 |       0.51322      0.37426      0.33153      1.16706
0.39181      0.74318      0.91796      0.72103      0.52681
  4417000.00 |       0.34487      0.29810      0.24891      0.48062
0.42668      0.55033      0.42823      0.41371      0.31557
  4416500.00 |       0.23211      0.31915      0.51293      0.55699
0.41666      0.36759      0.28974      0.30956      0.29307
  4416000.00 |       0.18838      0.15086      0.16560      0.31946
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0.44309      0.41614      0.33442      0.30123      0.25870
  4415500.00 |       0.18050      0.13523      0.10943      0.13213
0.24091      0.30918      0.36528      0.35807      0.33253
  4415000.00 |       0.16963      0.13289      0.10500      0.08895
0.09066      0.12754      0.15845      0.19411      0.20672
  4414500.00 |       0.16081      0.12822      0.10582      0.08990
0.07488      0.07036      0.08092      0.07373      0.10097
  4414000.00 |       0.15992      0.13299      0.10374      0.08930
0.07554      0.06414      0.05861      0.05511      0.06930
  4413500.00 |       0.15725      0.12388      0.09873      0.08931
0.07850      0.06649      0.05662      0.05159      0.05024
  4413000.00 |       0.15003      0.11812      0.09583      0.08878
0.07754      0.06833      0.05858      0.05118      0.04641
  4412500.00 |       0.13143      0.11716      0.09455      0.08057
0.07415      0.06806      0.06068      0.05668      0.04832
  4412000.00 |       0.12128      0.11350      0.09648      0.08094
0.07179      0.06642      0.06167      0.05714      0.05036
  4411500.00 |       0.11029      0.10985      0.09710      0.08177
0.07033      0.06462      0.06065      0.05981      0.05801
  4411000.00 |       0.10137      0.10292      0.09688      0.08381
0.07047      0.06329      0.05864      0.05577      0.05209
  4410500.00 |       0.09166      0.09600      0.09280      0.08435
0.07384      0.06532      0.05921      0.05484      0.05171
  4410000.00 |       0.08396      0.09143      0.09041      0.08286
0.07203      0.06530      0.05880      0.05504      0.05060
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/24/11
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                                  ***        19:46:59

                                             PAGE  24
 **MODELOPTs:  RegDFAULT CONC
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ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 541500.00	542000.00	542500.00	543000.00
4425000.00	0.14243	0.30020	0.41271	0.55665
4424500.00	0.30331	0.41842	0.58181	0.66122
4424000.00	0.37173	0.55266	0.58133	0.55355
4423500.00	0.39825	0.51355	0.63779	0.31727
4423000.00	0.30863	0.27224	0.22092	0.40858
4422500.00	0.19522	0.17940	0.27558	0.11131
4422000.00	0.14139	0.24436	0.31535	0.39330
4421500.00	0.20219	0.25796	0.30426	0.30204
4421000.00	0.27721	0.44363	0.29482	0.18104
4420500.00	0.51769	0.37889	0.29009	0.26794
4420000.00	0.74505	0.33477	0.44115	0.36551

4419500.00	0.61565	0.59035	0.50596	0.40569
4419000.00	0.50101	0.35345	0.28015	0.23567
4418500.00	0.35287	0.20520	0.22050	0.15918
4418000.00	0.33829	0.27581	0.22835	0.24010
4417500.00	0.37129	0.34800	0.33696	0.37826
4417000.00	0.41681	0.31022	0.37990	0.31899
4416500.00	0.28321	0.26834	0.26743	0.25183
4416000.00	0.23135	0.19294	0.18700	0.14545
4415500.00	0.31051	0.23001	0.18828	0.16340
4415000.00	0.30480	0.26473	0.22999	0.20517
4414500.00	0.19839	0.21903	0.23858	0.21331
4414000.00	0.08388	0.13483	0.16500	0.19573
4413500.00	0.05174	0.06495	0.07455	0.11320
4413000.00	0.04478	0.04511	0.04752	0.05303
4412500.00	0.04258	0.04005	0.03959	0.03878
4412000.00	0.04354	0.03960	0.03716	0.03547
4411500.00	0.04549	0.04111	0.03703	0.03475
4411000.00	0.04752	0.04344	0.03825	0.03522
4410500.00	0.04849	0.04445	0.04013	0.03672
4410000.00	0.04841	0.04543	0.04179	0.03826

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/24/11
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*** 19:46:59

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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES

AVERAGED OVER 1 YEARS FOR SOURCE GROUP: 2ALT *** INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC
537268.00	4419321.00	0.33073
533288.00	4420664.00	0.11576
530873.00	4418253.00	0.11190
532253.00	4419045.00	0.11245
534268.00	4421987.00	0.14396
536366.00	4419557.00	0.49496
534987.00	4418091.00	0.73441
530614.00	4415312.00	0.23083
538946.00	4413223.00	0.07879
541693.00	4411996.00	0.04177

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	528000.00	528500.00	529000.00	529500.00	530000.00
530500.00	531000.00	531500.00	532000.00		
4425000.00	0.34206	0.35728	0.34831	0.34833	0.31461
0.26451	0.27976	0.35187	0.38366		
4424500.00	0.41444	0.45587	0.39333	0.41552	0.39202
0.31226	0.39685	0.43325	0.40504		
4424000.00	0.27470	0.43171	0.37703	0.46961	0.48349
0.41048	0.68039	0.69516	0.48894		
4423500.00	0.16238	0.21457	0.30341	0.45041	0.45028
0.49311	0.84423	0.53962	0.35137		
4423000.00	0.11317	0.12273	0.16513	0.29675	0.31960
0.56664	0.56720	0.46607	0.25649		
4422500.00	0.10528	0.10924	0.12758	0.15592	

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0.18187      0.55080      0.64712      0.53044      0.25071
  4422000.00 |       0.10669      0.10958      0.11795      0.12568
0.13493      0.33588      0.31690      0.26018      0.22013
  4421500.00 |       0.11066      0.11505      0.12021      0.12604
0.13321      0.17918      0.16658      0.17112      0.37542
  4421000.00 |       0.11955      0.12353      0.12799      0.13349
0.14056      0.15353      0.15757      0.16808      0.38789
  4420500.00 |       0.13056      0.13431      0.13909      0.14448
0.15130      0.16476      0.16599      0.17616      0.20757
  4420000.00 |       0.14598      0.14507      0.15077      0.15630
0.16234      0.16869      0.17469      0.18367      0.19817
  4419500.00 |       0.15378      0.15314      0.15916      0.16527
0.17193      0.17845      0.18310      0.19179      0.20381
  4419000.00 |       0.15700      0.15973      0.16501      0.17039
0.17709      0.18451      0.19318      0.20780      0.27938
  4418500.00 |       0.16955      0.16931      0.17387      0.17951
0.18541      0.19392      0.20537      0.44517      0.86497
  4418000.00 |       0.19272      0.18345      0.19009      0.19553
0.20305      0.21393      0.23333      0.29923      0.64178
  4417500.00 |       0.19097      0.19543      0.20494      0.21521
0.22421      0.24011      0.29937      0.75007      2.99146
  4417000.00 |       0.20535      0.20090      0.21049      0.22358
0.23776      0.25610      0.38795      1.20084      1.27052
  4416500.00 |       0.19781      0.20674      0.22111      0.23820
0.25958      0.28415      0.57753      3.38207      3.63756
  4416000.00 |       0.22932      0.28157      0.32053      0.35885
0.32470      0.32541      0.46620      5.55758      3.13370
  4415500.00 |       0.42849      2.09909      0.50638      0.43633
0.31984      0.33513      0.87828      1.81243      2.40232
  4415000.00 |       1.99457      0.78571      0.73062      0.43063
0.32457      0.32218      0.44518      2.57156      3.70854
  4414500.00 |       1.44948      2.38806      1.76112      0.76109
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0.30379      0.33533      0.75109      5.97284      3.22321
  4414000.00 |       1.39122      1.20221      0.74007      0.36341
0.32518      0.35447      1.33239      5.01746      1.63898
  4413500.00 |       0.75036      0.80516      0.99898      1.15351
0.33250      0.39521      3.16168      1.98252      0.83054
  4413000.00 |       0.95167      1.51841      2.58203      1.93523
0.31946      1.12345      1.65918      0.77982      0.48124
  4412500.00 |       1.48593      2.28170      2.92993      0.30686
0.32359      1.44529      0.69657      0.51730      0.34025
  4412000.00 |       2.24574      0.93677      0.79131      0.26575
0.62215      0.68644      0.49177      0.39508      0.42058
  4411500.00 |       2.93011      0.54373      0.34457      0.29113
0.51008      0.42225      0.32363      0.31839      0.46784
  4411000.00 |       2.81949      0.46344      1.13638      0.60946
0.28449      0.32767      0.25455      0.31176      0.74710
  4410500.00 |       0.25322      0.53404      0.55374      0.44300
0.31392      0.27693      0.28481      0.40624      0.58195
  4410000.00 |       0.45514      0.63906      0.42634      0.28435
0.26610      0.26081      0.31802      0.55935      0.82516
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/24/11
                                  ***
                                  ***         19:46:59

                                              PAGE  27
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: 3ALT-KUM ***
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INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	532500.00	533000.00	533500.00	534000.00	534500.00
535000.00	535500.00	536000.00	536500.00		
4425000.00	0.41688	0.43813	0.34122	0.22048	0.19054
0.29277	0.20092	0.20859	0.22175		
4424500.00	0.45195	0.44839	0.33095	0.17978	0.18961
0.23354	0.22498	0.22619	0.24400		
4424000.00	0.50302	0.52783	0.39235	0.18780	0.19928
0.22149	0.23918	0.25187	0.27060		
4423500.00	0.47434	0.60505	0.32634	0.19422	0.21687
0.24135	0.26611	0.28351	0.30736		
4423000.00	0.35626	0.49559	0.34217	0.20977	0.23611
0.26509	0.29352	0.31765	0.35206		
4422500.00	0.25860	0.28070	0.22182	0.23615	0.25700
0.29389	0.32685	0.36386	0.41117		
4422000.00	0.30115	0.20879	0.21803	0.24523	0.28068
0.32616	0.36598	0.41518	0.47597		
4421500.00	0.30948	0.20618	0.23328	0.26414	0.30873
0.35977	0.41109	0.46963	0.54592		

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  4421000.00 |       0.21007      0.21707      0.24438      0.28233
0.33365      0.40599      0.46306      0.52921      0.57692
  4420500.00 |       0.30935      0.22910      0.25492      0.29906
0.36345      0.46331      0.53355      0.59384      0.59813
  4420000.00 |       0.21382      0.23514      0.26558      0.31517
0.40869      0.51568      0.63059      0.68398      0.60283
  4419500.00 |       0.22038      0.24652      0.30868      0.33598
0.46446      0.63037      0.84852      0.79253      0.61624
  4419000.00 |       0.23903      0.30538      0.38078      0.37227
0.58973      0.72658      0.98789      0.89491      0.64481
  4418500.00 |       0.64467      0.93037      0.52566      0.45668
0.50593      0.88327      1.41312      0.99838      0.76119
  4418000.00 |       0.81340      1.36995      1.73931      0.74302
0.59494      0.83968      1.37436      1.24342      0.94400
  4417500.00 |       3.14106      3.39505      4.65347      7.18959
2.97766      1.40312      0.49016      1.23239      0.89090
  4417000.00 |       2.29670      4.04066      5.26994      4.55108
5.76292      2.36647      0.78875      0.67515      0.58138
  4416500.00 |       3.89711      3.91700      3.94580      5.12886
1.16927      1.36648      0.83356      0.60008      0.43880
  4416000.00 |       3.06203      4.55012     11.18860      0.76435
0.93161      0.88746      0.63922      0.52611      0.40003
  4415500.00 |       2.83964      5.66341      1.72269      0.58296
0.77125      0.64091      0.50011      0.46420      0.37284
  4415000.00 |       2.64983      2.50344      0.44178      0.57387
0.61825      0.48306      0.40787      0.40195      0.35161
  4414500.00 |       2.00114      0.51230      0.42037      0.56465
0.52176      0.39081      0.34687      0.34713      0.32905
  4414000.00 |       0.90465      0.51039      1.43109      0.60297
0.41266      0.33534      0.30627      0.30367      0.30687
  4413500.00 |       0.61068      0.70524      2.45793      0.53560
0.34243      0.29456      0.27796      0.27669      0.27873
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  4413000.00 |       0.44684      0.94681      1.42276      0.70215
0.29889      0.26759      0.25247      0.41872      0.24985
  4412500.00 |       0.47467      0.79599      0.57761      0.36578
0.26804      0.24662      0.23350      0.22974      0.22826
  4412000.00 |       0.79004      0.71847      0.37832      0.28556
0.24680      0.23105      0.21872      0.20921      0.20783
  4411500.00 |       0.64915      0.65172      0.32582      0.29039
0.32926      0.23594      0.20751      0.19506      0.18927
  4411000.00 |       0.50416      0.63532      0.50276      0.43531
0.39039      0.25396      0.65309      0.18623      0.18315
  4410500.00 |       1.61861      1.21303      0.93495      0.45093
0.34122      0.35138      0.26874      0.17604      0.16304
  4410000.00 |       1.28468      1.47657      0.70791      0.35315
0.40059      0.55336      0.31466      0.17117      0.15047
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/24/11
                                   ***
                                   ***        19:46:59

                                              PAGE  28
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: 3ALT-KUM ***
                                   INCLUDING SOURCE(S):      BACA1A   ,
BACA1B   , ON.ISIT., CALIK1   , CALIK2   , CALIK3   ,

                                    *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***
```

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

Y-COORD (METERS)	X-COORD (METERS)				
	537000.00	537500.00	538000.00	538500.00	539000.00
539500.00	540000.00	540500.00	541000.00		
4425000.00	0.23893	0.40100	0.29629	0.30691	0.35357
0.48017	0.63121	0.62410	0.48343		
4424500.00	0.26027	0.28957	0.47018	0.33627	0.38844
0.57753	0.87381	0.74193	0.57177		
4424000.00	0.29315	0.32006	0.58566	0.41612	0.44153
0.62134	1.15893	0.90768	0.83640		
4423500.00	0.33760	0.37983	0.72956	0.69905	0.59515
0.39708	0.70907	1.16041	0.92199		
4423000.00	0.39846	0.45013	0.71664	0.70922	0.98759
0.77620	0.49624	0.67711	0.64383		
4422500.00	0.46742	0.52474	0.62366	0.79654	0.97055
1.08398	0.69139	0.51998	0.49248		
4422000.00	0.55702	0.57067	0.63535	0.67664	0.76110
0.78963	0.57226	0.46271	0.37225		
4421500.00	0.56738	0.56227	0.54807	0.54944	0.64020
0.58798	0.46909	0.41283	0.35467		
4421000.00	0.55355	0.50271	0.46996	0.51611	0.57109
0.48952	0.41291	0.39083	0.35687		
4420500.00	0.52059	0.45264	0.45052	0.51032	0.52412
0.42458	0.36205	0.35240	0.40163		
4420000.00	0.49435	0.44614	0.47600	0.49734	

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0.46065      0.39244      0.33112      0.40788      0.72418
  4419500.00 |       0.50300      0.48194      0.58235      0.48861
0.42070      0.47873      0.44796      0.62309      1.06986
  4419000.00 |       0.55746      0.52210      0.51945      0.55661
0.53125      0.68978      0.73420      0.71771      0.66357
  4418500.00 |       0.63678      0.56487      0.52160      0.48429
0.41326      0.50420      0.44935      0.40990      0.41054
  4418000.00 |       0.70351      0.57290      0.48601      0.43389
0.35163      0.45324      0.57220      0.58787      0.56876
  4417500.00 |       0.66109      0.54157      0.49784      1.31717
0.51077      0.84546      1.00647      0.80463      0.62480
  4417000.00 |       0.49226      0.46196      0.40228      0.61040
0.53362      0.64128      0.78691      0.56680      0.47692
  4416500.00 |       0.37659      0.47508      0.65851      0.67016
0.56239      0.56123      0.77652      0.41457      0.38618
  4416000.00 |       0.32816      0.29193      0.29338      0.42637
0.53211      0.50303      0.51703      0.39159      0.32222
  4415500.00 |       0.31403      0.26198      0.22001      0.22768
0.32201      0.38353      0.43277      0.42058      0.39343
  4415000.00 |       0.29244      0.24702      0.20424      0.17501
0.16796      0.19499      0.22145      0.25372      0.26570
  4414500.00 |       0.27573      0.23236      0.19572      0.16856
0.14456      0.13504      0.14201      0.13096      0.15725
  4414000.00 |       0.27215      0.23464      0.18698      0.16090
0.14003      0.12399      0.11512      0.10825      0.12210
  4413500.00 |       0.26134      0.21723      0.17605      0.15639
0.13905      0.12305      0.10978      0.10221      0.09953
  4413000.00 |       0.24684      0.20137      0.16849      0.15242
0.13472      0.12182      0.10909      0.09919      0.09264
  4412500.00 |       0.21806      0.19283      0.16106      0.13935
0.12782      0.11890      0.10864      0.10349      0.09312
  4412000.00 |       0.20131      0.18326      0.15756      0.13569
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0.12280      0.11502      0.10807      0.10165      0.09309
  4411500.00 |       0.18437      0.17448      0.15412      0.13355
0.11896      0.11083      0.10503      0.10294      0.09966
  4411000.00 |       0.17116      0.16340      0.15047      0.13283
0.11693      0.10759      0.10157      0.09663      0.09105
  4410500.00 |       0.15799      0.15334      0.14402      0.13115
0.11802      0.10764      0.09980      0.09365      0.08876
  4410000.00 |       0.14631      0.14772      0.14014      0.12883
0.11506      0.10622      0.09801      0.09244      0.08667
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/24/11
                                  ***
                                  ***        19:46:59

                                             PAGE  29
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: 3ALT-KUM ***
                                INCLUDING SOURCE(S):      BACA1A   ,
BACA1B   , ON.ISIT., CALIK1   , CALIK2   , CALIK3   ,

                                  *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***

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

    Y-COORD  |                                              X-COORD
```

(METERS) (METERS)	541500.00	542000.00	542500.00	543000.00
4425000.00	0.43367	1.11365	0.67442	0.74574
4424500.00	0.74983	0.70729	0.81842	0.85995
4424000.00	0.79980	0.87221	0.83165	0.75689
4423500.00	0.83954	0.82941	0.87714	0.51047
4423000.00	0.63117	0.52019	0.41905	0.57765
4422500.00	0.40692	0.35718	0.43176	0.24166
4422000.00	0.30108	0.38227	0.43382	0.61757
4421500.00	0.35201	0.37240	0.39765	0.46617
4421000.00	0.41471	0.58117	0.45022	0.33893
4420500.00	0.64601	0.72106	0.54575	0.41576
4420000.00	0.87110	0.59830	0.67868	0.54624
4419500.00	0.78785	0.68846	0.59626	0.52218
4419000.00	0.61796	0.51437	0.43836	0.46233
4418500.00	0.50769	0.49229	0.37525	0.34845
4418000.00	0.63490	0.56440	0.40319	0.36235
4417500.00	0.63164	0.59645	0.48656	0.45051
4417000.00	0.52258	0.56746	0.47758	0.40700
4416500.00	0.39831	0.35965	0.36743	0.35214
4416000.00	0.30214	0.26646	0.43151	0.35205
4415500.00	0.37292	0.36995	0.41485	0.36890
4415000.00	0.36251	0.33226	0.33886	0.33764
4414500.00	0.25208	0.28128	0.30278	0.30962
4414000.00	0.13616	0.18828	0.22208	0.25555
4413500.00	0.10149	0.11667	0.12897	0.16894
4413000.00	0.09123	0.09332	0.09853	0.10665
4412500.00	0.08610	0.08462	0.08666	0.08764
4412000.00	0.08465	0.08181	0.08113	0.08106

4411500.00	0.08485	0.08156	0.07845	0.07758
4411000.00	0.08515	0.08207	0.07741	0.07582
4410500.00	0.08503	0.08102	0.07726	0.07506
4410000.00	0.08383	0.08034	0.07721	0.07458

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** DISCRETE CARTESIAN
RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
537268.00	4419321.00	0.49951	533288.00	4420664.00	0.23683

530873.00 4418253.00 0.21147
532253.00 4419045.00 0.23056
534268.00 4421987.00 0.26330
536366.00 4419557.00 0.66173
534987.00 4418091.00 0.85577
530614.00 4415312.00 0.33206
538946.00 4413223.00 0.13779
541693.00 4411996.00 0.08305

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)

```
  (METERS) |       528000.00               528500.00
529000.00              529500.00              530000.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 4425000.0 |     44.66979 (04112506)     48.33293 (04112505)
62.32803 (04101906)     60.77520 (04021823)     69.72322 (04050923)
 4424500.0 |     53.56292 (04121407)     56.74487 (04121407)
69.10183 (04101906)     63.61412 (04101906)     59.86201 (04120402)
 4424000.0 |     42.62739 (04121407)     59.19104 (04121407)
55.35662 (04101906)     60.13578 (04042402)     79.00152 (04061003)
 4423500.0 |     17.70336 (04121407)     28.14357 (04022224)
54.08119 (04121703)     74.29095 (04121703)     76.97570 (04102818)
 4423000.0 |      4.62932 (04011211)      5.04398 (04011211)
18.18692 (04050905)     60.75400 (04050905)     54.19330 (04071902)
 4422500.0 |      6.09241 (04122910)      5.25277 (04122910)
5.37681 (04011211)     12.67863 (04050905)     21.80996 (04050905)
 4422000.0 |      7.41505 (04122910)      6.77749 (04122910)
5.66058 (04122910)      5.74233 (04011211)      6.29330 (04011211)
 4421500.0 |      8.88709 (04122910)      8.23943 (04122910)
7.39529 (04122910)      6.40508 (04122910)      6.16057 (04011211)
 4421000.0 |      9.65842 (04122910)      9.28827 (04122910)
8.65788 (04122910)      7.74322 (04122910)      6.57157 (04122910)
 4420500.0 |      9.64538 (04122910)      9.55982 (04122910)
9.23308 (04122910)      8.59958 (04122910)      7.65596 (04122910)
 4420000.0 |      8.88775 (04122910)      9.07823 (04122910)
9.03491 (04122910)      8.72212 (04122910)      8.07713 (04122910)
 4419500.0 |      7.55175 (04122910)      7.85390 (04122910)
7.99028 (04122910)      7.92573 (04122910)      7.67245 (04011010)
 4419000.0 |      7.32749 (04112509)      7.18589 (04112509)
7.16380 (04013109)      7.27466 (04013109)      7.31950 (04013109)
 4418500.0 |      9.11721 (04112509)      9.26997 (04112509)
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9.04669 (04112509)      8.68829 (04112509)      8.08339 (04112509)
 4418000.0 |     10.03410 (04112509)     10.40134 (04112509)
10.41915 (04112509)     10.30058 (04112509)      9.99458 (04112509)
 4417500.0 |      9.93015 (04112509)     10.12416 (04112509)
10.19656 (04112509)     10.14890 (04112509)     10.32726 (04030409)
 4417000.0 |      8.41331 (04030409)      8.86719 (04030409)
9.37312 (04030409)      9.93523 (04030409)     10.56297 (04030409)
 4416500.0 |      8.69248 (04122911)      9.31883 (04122911)
10.11065 (04011915)     11.23204 (04011915)     12.55285 (04011915)
 4416000.0 |     10.39545 (04011915)     11.32764 (04011915)
12.36984 (04011915)     13.47114 (04011915)     14.67048 (04011915)
 4415500.0 |     12.67388 (04081001)     86.45778 (04082621)
13.44262 (04011915)     14.18822 (04011915)     14.89666 (04011915)
 4415000.0 |     66.93882 (04080923)     22.57662 (04073102)
22.12785 (04073123)     13.11022 (04011915)     12.93552 (04011915)
 4414500.0 |     48.75112 (04081322)     91.92389 (04091619)
88.72878 (04091619)     34.99954 (04091619)     10.10686 (04011915)
 4414000.0 |     73.52935 (04091619)     75.16686 (04072904)
23.59743 (04072904)      9.30713 (04122711)     11.03957 (04122715)
 4413500.0 |     36.13330 (04072904)     33.78309 (04100706)
45.91725 (04082222)     45.60367 (04080105)     12.73181 (04122715)
 4413000.0 |     40.12359 (04100706)     61.33194 (04120607)
86.55069 (04092619)     49.58352 (04080822)     13.54124 (04122715)
 4412500.0 |     67.56409 (04071302)     71.08633 (04092918)
63.89321 (04080603)     12.70944 (04122715)     13.55050 (04122715)
 4412000.0 |     61.67327 (04071302)     22.27215 (04092721)
18.04612 (04082720)     12.67161 (04122715)     27.34216 (04090121)
 4411500.0 |     64.83437 (04121006)     11.29092 (04122715)
11.89046 (04122715)     12.10316 (04122715)     20.55927 (04101920)
 4411000.0 |     67.76831 (04092722)     12.20465 (04090121)
48.14328 (04101920)     25.78818 (04072504)     14.58309 (04072504)
 4410500.0 |     10.59198 (04122715)     22.75636 (04090121)
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24.16279 (04101920)   42.98685 (04092206)   25.31558 (04092206)
 4410000.0 | 18.82477 (04090121)   47.92964 (04072504)
41.18223 (04092206)   17.89776 (04013106)   17.08471 (04121923)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/24/11
                                   ***
                                   ***   19:46:59

                                              PAGE 32
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE   1ST HIGHEST 1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 1ALT   ***
                                   INCLUDING SOURCE(S):   BACA1A ,
BACA1B ,

                                    *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD
(METERS)
  (METERS) | 530500.00   531000.00
531500.00   532000.00   532500.00
 -
- -

```
 4425000.0 |      55.42724 (04050923)      46.81383 (04021824)
36.54990 (04010322)      58.15756 (04020207)      54.47924 (04010322)
 4424500.0 |      57.90183 (04120905)      59.27691 (04021824)
49.59135 (04020207)      73.96094 (04120717)      86.93269 (04041022)
 4424000.0 |      75.00060 (04050923)      68.49107 (04021824)
54.12666 (04021824)      72.68444 (04120717)      76.91633 (04072001)
 4423500.0 |      73.45895 (04050923)      77.51794 (04021824)
69.93649 (04050923)      55.00937 (04072001)      85.83795 (04011824)
 4423000.0 |      73.22914 (04121321)      91.89841 (04050923)
85.15258 (04050923)      36.98634 (04071905)      74.47941 (04041021)
 4422500.0 |      89.34750 (04030220)      99.22891 (04102818)
107.74768 (04102819)      52.56822 (04071905)      28.18244 (04041021)
 4422000.0 |      67.97805 (04050905)      51.75729 (04071902)
37.83651 (04062601)      26.53822 (04123007)      60.16334 (04071905)
 4421500.0 |      10.03392 (04050905)       7.45753 (04011211)
7.96522 (04011211)      67.38152 (04062601)      57.93128 (04041222)
 4421000.0 |       6.66396 (04011211)       7.44586 (04011211)
8.18762 (04011211)      62.10674 (04071902)       9.24009 (04011211)
 4420500.0 |       6.66230 (04122910)       7.19064 (04011211)
8.16181 (04011211)       9.20051 (04011211)      34.04436 (04041102)
 4420000.0 |       7.06459 (04122910)       7.22218 (04122810)
7.79101 (04011211)       9.11135 (04011211)      10.28721 (04011211)
 4419500.0 |       7.69508 (04011010)       7.78185 (04122810)
8.24127 (04122810)       8.58030 (04122810)      10.03954 (04011211)
 4419000.0 |       7.41375 (04122810)       8.04593 (04122810)
8.86314 (04122810)      29.16043 (04032202)      10.36321 (04122810)
 4418500.0 |       8.10426 (04012609)       8.23171 (04012609)
84.32374 (04052324)     165.87169 (04101123)     118.93129 (04060421)
 4418000.0 |       9.51585 (04030409)       9.85333 (04030409)
14.08498 (04091918)      88.97508 (04071124)      76.66442 (04061823)
 4417500.0 |      10.99992 (04030409)      11.65077 (04030409)
62.52356 (04072824)     180.49648 (04040901)     181.32618 (04071123)
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 4417000.0 | 11.21268 (04030409)   23.74335 (04092222)
94.67683 (04020506)   76.52824 (04110320)   155.80005 (04102422)
 4416500.0 | 14.05470 (04011915)   23.69504 (04070222)
171.89702 (04083021)   157.98514 (04080505)   179.53010 (04103105)
 4416000.0 | 16.02268 (04011915)   16.40625 (04011915)
164.65561 (04080924)   160.86971 (04072904)   140.28626 (04120124)
 4415500.0 | 15.22071 (04011915)   38.17410 (04083022)
71.83143 (04040704)   134.20417 (04111301)   150.44997 (04121005)
 4415000.0 | 12.44836 (04011915)   10.70143 (04010310)
113.74029 (04082222)   140.94015 (04071302)   148.09995 (04052105)
 4414500.0 | 11.15879 (04122715)   20.01583 (04080105)
134.51390 (04092302)   130.51511 (04041123)   119.36713 (04072504)
 4414000.0 | 13.30513 (04122715)   30.89639 (04092721)
126.10376 (04092920)   117.84250 (04092206)   81.33677 (04092206)
 4413500.0 | 14.43150 (04122715)   82.61214 (04080202)
80.96604 (04103003)   73.20234 (04111821)   52.83251 (04092601)
 4413000.0 | 34.26686 (04080202)   77.85058 (04072504)
71.21249 (04092206)   35.19465 (04072504)   50.33789 (04062103)
 4412500.0 | 61.88215 (04101920)   53.38284 (04072504)
43.85014 (04092206)   30.72162 (04062103)   40.92041 (04082224)
 4412000.0 | 50.29286 (04072504)   44.55718 (04092206)
36.39107 (04092601)   56.97648 (04062103)   73.35675 (04082224)
 4411500.0 | 38.42782 (04072504)   21.00507 (04092601)
37.85156 (04062103)   46.30913 (04082224)   42.85082 (04041119)
 4411000.0 | 24.40611 (04092206)   22.70112 (04062103)
24.10395 (04062103)   78.23303 (04082224)   18.42345 (04082221)
 4410500.0 | 25.02082 (04092601)   36.02846 (04062103)
40.18840 (04082224)   42.07197 (04041119)   77.07287 (04081824)
 4410000.0 | 32.33920 (04062103)   33.87868 (04062103)
53.25513 (04082224)   45.93932 (04082723)   54.30107 (04073005)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: 1ALT   ***
INCLUDING SOURCE(S):   BACA1A   , BACA1B   ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	533000.00	533500.00	534000.00	534500.00	535000.00
4425000.0	76.50273 (04040602)	61.28451 (04011819)	14.87711 (04052123)	9.43896 (04092520)	49.40454 (04041019)
4424500.0	84.24239 (04040601)	86.06667 (04041023)	8.10085 (04010112)	9.77469 (04011112)	17.03602 (04041019)
4424000.0	80.95900 (04041022)	92.15255 (04041023)			

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8.47451 (04010112)     10.16546 (04011112)     11.30782 (04011112)
 4423500.0 |     96.35109 (04011821)     64.46525 (04092519)
8.85178 (04010112)     10.54339 (04011112)     11.92107 (04011112)
 4423000.0 |     87.54661 (04050805)     60.82835 (04092519)
9.26873 (04010112)     10.93086 (04011112)     12.56863 (04011112)
 4422500.0 |     41.65304 (04072103)      8.26964 (04092218)
9.69019 (04010112)     11.27621 (04011112)     13.24978 (04011112)
 4422000.0 |      7.57382 (04120410)      8.20771 (04010112)
10.05953 (04010112)     11.63680 (04011112)     13.94692 (04011112)
 4421500.0 |      8.02631 (04011211)      8.39257 (04120410)
10.34436 (04010112)     11.92710 (04010112)     14.33697 (04011112)
 4421000.0 |      9.12556 (04011211)      8.92607 (04120410)
10.40535 (04011111)     12.81063 (04011111)     14.84201 (04011112)
 4420500.0 |     10.27473 (04011211)      9.84027 (04011211)
10.45504 (04011111)     13.68341 (04011111)     15.38587 (04011111)
 4420000.0 |     11.07735 (04011211)     11.51242 (04011211)
10.85592 (04120410)     14.23359 (04011111)     16.77298 (04011111)
 4419500.0 |     11.71865 (04011211)     12.90797 (04011211)
12.73944 (04011211)     13.84835 (04011111)     18.01274 (04011111)
 4419000.0 |     11.13315 (04011211)     25.48367 (04050905)
14.34664 (04011211)     57.94245 (04072103)     17.50438 (04011111)
 4418500.0 |    176.39056 (04032202)     95.43829 (04020121)
16.78252 (04050905)     16.20941 (04042715)     19.50254 (04101809)
 4418000.0 |    165.16507 (04101122)    275.11210 (04112307)
94.71682 (04061901)     18.32475 (04070108)     22.27153 (04051813)
 4417500.0 |    234.88989 (04082204)    277.02232 (04071123)
434.03887 (04092823)    235.97610 (04072824)     20.82240 (04081711)
 4417000.0 |    193.73090 (04020404)    272.36771 (04080505)
170.06641 (04073123)    200.40285 (04080105)     37.57839 (04061519)
 4416500.0 |    198.61301 (04123103)    184.64092 (04072904)
139.55829 (04080822)     17.02444 (04072119)     26.55885 (04070819)
 4416000.0 |    170.68522 (04120607)    256.31229 (04090203)
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19.86264 (04122715)   21.17743 (04070522)   19.92558 (04070819)
 4415500.0 | 167.40749 (04091421)   65.07831 (04101920)
14.82343 (04122715)   18.09663 (04073120)   17.08347 (04072519)
 4415000.0 | 99.34713 (04103003)   16.25716 (04122715)
13.79446 (04061419)   15.74981 (04073021)   14.71536 (04072519)
 4414500.0 | 20.79092 (04072504)   11.65208 (04122715)
12.39368 (04081522)   13.32044 (04073020)   12.32529 (04090519)
 4414000.0 | 43.96220 (04062103)   137.09577 (04082224)
11.00381 (04073120)   10.69258 (04073020)   12.56855 (04122713)
 4413500.0 | 81.50061 (04062103)   152.39444 (04081422)
10.21511 (04080120)   9.57356 (04122713)   13.40293 (04122713)
 4413000.0 | 82.90035 (04082224)   67.90523 (04082221)
38.82626 (04080623)   10.17607 (04122713)   13.55197 (04122713)
 4412500.0 | 47.57709 (04041119)   13.70116 (04080201)
8.06526 (04073019)   10.36558 (04122713)   13.30205 (04122713)
 4412000.0 | 30.95072 (04082221)   7.11569 (04073019)
7.32506 (04122713)   10.33873 (04122713)   12.87248 (04122713)
 4411500.0 | 21.74577 (04080201)   6.69507 (04073019)
7.34464 (04122713)   46.94925 (04083019)   12.29557 (04122713)
 4411000.0 | 21.57057 (04080201)   29.79902 (04080623)
24.03609 (04092323)   72.87140 (04090123)   12.48933 (04101819)
 4410500.0 | 57.60363 (04081002)   78.44693 (04082123)
39.44575 (04081501)   54.95841 (04083019)   39.15935 (04092020)
 4410000.0 | 81.58435 (04111201)   66.77003 (04081501)
22.61468 (04081005)   79.00925 (04090123)   66.75762 (04080604)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
                                  ***
                                  ***   19:46:59

                                            PAGE 34
 **MODELOPTs: RegDFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	535500.00	536000.00	536500.00
537000.00	537500.00		
4425000.0	10.29838 (04011112)	9.53791 (04011112)	8.22955 (04011112)
8.47818 (04122611)	26.32586 (04041020)		
4424500.0	10.78769 (04011112)	9.92938 (04011112)	8.46505 (04011112)
8.44393 (04122611)	10.48621 (04122610)		
4424000.0	11.33814 (04011112)	10.29302 (04011112)	8.51062 (04011112)
8.62232 (04122611)	10.64827 (04122610)		
4423500.0	11.94027 (04011112)	10.71373 (04011112)	8.57894 (04011112)
8.57256 (04012111)	10.64107 (04122610)		
4423000.0	12.60997 (04011112)	10.89138 (04011112)	8.57498 (04011112)
9.54110 (04012111)	10.25820 (04122610)		

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 4422500.0 |     13.08481 (04011112)     11.44744 (04011112)
9.61636 (04012111)     10.43394 (04012111)     10.25960 (04012111)
 4422000.0 |     13.64029 (04011112)     11.71245 (04011112)
10.69386 (04012111)     11.26441 (04012111)     10.62564 (04012111)
 4421500.0 |     14.37051 (04011112)     11.76606 (04011112)
11.86111 (04012111)     12.01526 (04012111)     10.73435 (04012111)
 4421000.0 |     14.92938 (04011112)     11.89047 (04011112)
13.13464 (04012111)     12.54416 (04012111)     10.44919 (04012111)
 4420500.0 |     15.60820 (04011112)     12.81489 (04012111)
14.14576 (04012111)     12.54018 (04012111)      9.46020 (04012111)
 4420000.0 |     16.03757 (04011111)     14.60970 (04012111)
14.36435 (04012111)     11.61070 (04012111)      9.13128 (04012220)
 4419500.0 |     54.70727 (04071402)     16.66010 (04021303)
13.38835 (04012111)     10.86649 (04012220)     12.04651 (04012220)
 4419000.0 |     15.59938 (04011111)     19.47841 (04021222)
10.77794 (04012220)     14.51117 (04012220)     14.78423 (04010410)
 4418500.0 |     24.46844 (04021307)     14.53372 (04021224)
19.34845 (04012219)     15.80134 (04012219)     17.32892 (04010410)
 4418000.0 |     22.19770 (04060609)     21.98768 (04071409)
22.04587 (04080720)     20.14961 (04041420)     15.93124 (04041421)
 4417500.0 |     10.39885 (04102312)     24.15772 (04053109)
23.20954 (04051422)     20.62828 (04051422)     16.95096 (04122912)
 4417000.0 |     18.52556 (04021813)     14.94046 (04082415)
16.70736 (04021018)     13.42112 (04021019)     18.41690 (04082403)
 4416500.0 |     21.11160 (04081519)     18.19501 (04040323)
10.44513 (04051514)     13.96124 (04021018)     71.46748 (04082402)
 4416000.0 |     19.24352 (04081519)     20.66117 (04040218)
17.52784 (04040323)      8.48346 (04040323)      9.52676 (04111509)
 4415500.0 |     13.98629 (04040219)     17.57363 (04090923)
14.81463 (04100219)     13.35928 (04040323)      7.22057 (04111509)
 4415000.0 |     12.72412 (04040219)     15.01951 (04080319)
13.28108 (04090420)     12.95077 (04100219)      9.91148 (04040323)
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 4414500.0 | 12.17217 (04122713)   12.48844 (04082319)
12.36509 (04090119)   9.65737 (04100219)   10.23445 (04100219)
 4414000.0 | 14.14699 (04122713)   12.85356 (04122713)
10.50374 (04080319)   9.24711 (04090420)   12.31190 (04031119)
 4413500.0 | 15.09822 (04122713)   14.05386 (04122713)
10.58701 (04122713)   9.35681 (04072320)   6.22495 (04100219)
 4413000.0 | 15.18823 (04122713)   37.37685 (04081421)
11.56317 (04122713)   8.52089 (04072320)   6.88857 (04072320)
 4412500.0 | 14.77429 (04122713)   14.22931 (04122713)
11.94149 (04122713)   8.79220 (04122713)   7.07235 (04072320)
 4412000.0 | 14.17663 (04122713)   13.76764 (04122713)
11.92031 (04122713)   9.33780 (04122713)   6.73178 (04071421)
 4411500.0 | 13.50099 (04122713)   13.26090 (04122713)
11.78632 (04122713)   9.48200 (04122713)   7.14268 (04122713)
 4411000.0 | 95.55432 (04062023)   12.69447 (04122713)
11.40330 (04122713)   9.64558 (04122713)   7.43957 (04122713)
 4410500.0 | 19.89696 (04092423)   12.15473 (04122713)
11.15187 (04122713)   9.53936 (04122713)   7.61674 (04122713)
 4410000.0 | 32.23772 (04092423)   11.63904 (04122713)
10.84294 (04122713)   9.43929 (04122713)   7.59243 (04122713)

 **MODELOPTs: RegDFAULT CONC
  ELEV

                                    *** THE   1ST HIGHEST 1-HR AVERAGE

CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT *** INCLUDING SOURCE(S): BACA1A , BACA1B ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	538000.00	538500.00	539000.00	539500.00	540000.00
4425000.0	10.34826 (04122610)	11.08248 (04122610)	10.00662 (04122610)	8.21125 (04122610)	6.27461 (04122009)
4424500.0	25.20069 (04040719)	10.14532 (04122610)	8.52822 (04122610)	6.97652 (04122610)	5.82263 (04122009)
4424000.0	40.28578 (04040719)	13.79604 (04032620)	7.37481 (04122009)	6.34055 (04122009)	5.55895 (04122612)
4423500.0	66.85340 (04032419)	52.42538 (04110902)	6.95982 (04012111)	5.71672 (04012111)	12.05842 (04071322)
4423000.0	57.21877 (04032419)	8.01101 (04012111)	6.62337 (04012111)	6.43188 (04122612)	7.52566 (04122612)
4422500.0	9.24785 (04012111)	7.75681 (04012111)	6.68513 (04122612)	8.06670 (04122612)	9.32334 (04122612)
4422000.0	9.11767 (04012111)	7.27562 (04012111)	7.65960 (04122612)	9.41708 (04122612)	10.50033 (04122612)
4421500.0	8.67808 (04012111)	6.55943 (04010210)			

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8.60804 (04010210)      9.91229 (04010210)     10.40013 (04010210)
 4421000.0 |       7.82194 (04012111)       8.43618 (04010210)
10.07732 (04010210)     10.64721 (04010210)     10.41966 (04010210)
 4420500.0 |       7.60656 (04012220)       9.75768 (04010210)
10.70390 (04010210)     10.84834 (04010410)     11.34980 (04010410)
 4420000.0 |       9.88968 (04012220)      11.38950 (04010410)
12.71196 (04010410)     13.08254 (04010410)     13.05769 (04010410)
 4419500.0 |      14.46014 (04093018)      14.77674 (04010410)
15.13918 (04010410)     41.47423 (04051101)     31.50606 (04050819)
 4419000.0 |      16.85506 (04010410)      28.84989 (04051101)
29.06113 (04050819)     57.24170 (04101720)     75.11072 (04051120)
 4418500.0 |      17.58979 (04010410)      16.54624 (04010410)
15.08813 (04010410)     57.53829 (04020720)     52.43389 (04110917)
 4418000.0 |      15.89804 (04122912)      15.29435 (04122912)
14.60126 (04122912)     56.92599 (04091620)    111.24854 (04091620)
 4417500.0 |      16.59439 (04122912)    196.78168 (04082920)
45.85063 (04101918)    126.71494 (04082920)    125.12430 (04062002)
 4417000.0 |      12.15983 (04122912)    104.31995 (04060205)
86.76685 (04060205)    115.79055 (04022223)    112.36969 (04091006)
 4416500.0 |    137.12590 (04110217)    143.00202 (04112024)
139.13100 (04050301)    114.97233 (04050301)     78.26212 (04122921)
 4416000.0 |      26.49118 (04060521)    107.44832 (04083122)
119.21682 (04061002)    110.03875 (04101022)    121.87809 (04101022)
 4415500.0 |       8.76946 (04111509)      14.90489 (04060521)
81.70503 (04021103)    111.85127 (04022918)    109.80688 (04102102)
 4415000.0 |       6.76936 (04111509)       7.89704 (04111509)
8.37899 (04111509)      27.67090 (04060521)     72.14710 (04060521)
 4414500.0 |       8.32226 (04051524)       6.17920 (04111509)
6.96076 (04111509)       7.35292 (04111509)       7.51459 (04122914)
 4414000.0 |       8.51625 (04051524)       7.03713 (04051524)
5.51676 (04111509)       6.10494 (04111509)       6.43748 (04111509)
 4413500.0 |       7.68786 (04100219)       7.46340 (04051524)
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5.97900 (04051524) 4.90701 (04111509) 5.36755 (04111509)
 4413000.0 | 6.21006 (04100219) 6.72125 (04100220)
6.51556 (04100220) 5.24979 (04021323) 4.36672 (04111509)
 4412500.0 | 5.11466 (04090918) 5.63522 (04100219)
6.23801 (04100220) 5.74171 (04100220) 4.75924 (04021323)
 4412000.0 | 5.43445 (04072320) 4.47229 (04100219)
5.20081 (04100220) 5.72934 (04100220) 5.07916 (04100220)
 4411500.0 | 5.60852 (04100319) 4.17352 (04090918)
4.48574 (04112219) 5.02692 (04100220) 5.19144 (04100220)
 4411000.0 | 5.49469 (04071421) 4.65304 (04090422)
3.65657 (04112219) 4.39125 (04112219) 4.75475 (04100220)
 4410500.0 | 5.64749 (04122713) 4.78382 (04082420)
4.00827 (04090422) 3.80514 (04112219) 4.12643 (04112219)
 4410000.0 | 5.83281 (04122713) 4.72582 (04100319)
4.19400 (04090422) 3.31606 (04090422) 3.68283 (04112219)

 **MODELOPTs: RegDFAULT CONC
  ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B ,

*** NETWORK ID: PALZF000 ; NETWORK

TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	540500.00	541000.00	541500.00	542000.00	542500.00
4425000.0	5.13674 (04122009)	5.64027 (04122612)	21.04312 (04071322)	52.69663 (04050223)	60.42310 (04101020)
4424500.0	5.79433 (04122612)	9.12157 (04071322)	53.29189 (04101020)	55.72008 (04071322)	64.16027 (04101722)
4424000.0	6.53328 (04122612)	39.24450 (04071322)	57.01462 (04093019)	75.43718 (04093019)	65.44573 (04072820)
4423500.0	18.22935 (04071322)	41.30176 (04093019)	53.53717 (04093019)	57.72327 (04072820)	67.64672 (04080420)
4423000.0	20.84501 (04101118)	26.69436 (04101118)	33.48846 (04050620)	25.89021 (04071320)	16.52976 (04032022)
4422500.0	10.07192 (04122612)	18.63238 (04050620)	11.50893 (04071320)	10.56793 (04093018)	39.27880 (04093018)
4422000.0	10.82538 (04122612)	9.99062 (04122612)	9.22054 (04122612)	35.86231 (04093018)	40.16635 (04111819)
4421500.0	10.20855 (04010210)	9.32424 (04010210)	24.95733 (04093018)	28.83797 (04071321)	43.91372 (04050919)
4421000.0	9.81762 (04010410)	12.19382 (04093018)	34.93880 (04071321)	76.82667 (04100103)	49.28815 (04120503)
4420500.0	11.45409 (04010410)	30.60192 (04071323)	74.81134 (04050820)	67.01474 (04120503)	54.47725 (04120503)

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 4420000.0 |     33.84065 (04051101)     93.06036 (04071323)
81.19363 (04050820)     61.80980 (04112504)     73.39127 (04031104)
 4419500.0 |     60.95630 (04101119)     99.31099 (04032023)
99.67153 (04100105)     90.13856 (04093024)     87.28520 (04093024)
 4419000.0 |     77.89686 (04050701)     86.00104 (04110917)
78.22494 (04010603)     73.40057 (04032102)     57.01960 (04011318)
 4418500.0 |     47.18041 (04110917)     50.31549 (04030118)
72.65309 (04093024)     33.44264 (04011318)     37.76908 (04101723)
 4418000.0 |    112.50351 (04091620)     90.21178 (04030118)
85.31343 (04101723)     62.62127 (04101723)     56.22589 (04122008)
 4417500.0 |    101.11680 (04050920)    109.12910 (04092522)
86.07901 (04101801)     81.39119 (04101801)     79.27732 (04101801)
 4417000.0 |    111.53721 (04091006)     85.56748 (04120502)
100.63588 (04050921)     80.11549 (04022006)     90.47643 (04050921)
 4416500.0 |     75.41161 (04091006)     74.66780 (04091006)
77.52333 (04091006)     69.96798 (04091006)     74.91437 (04091006)
 4416000.0 |    102.90758 (04101022)     75.43625 (04082904)
67.00479 (04050301)     42.81883 (04050301)     51.04470 (04122921)
 4415500.0 |     89.61227 (04102102)     98.40470 (04101021)
94.61146 (04071301)     87.37737 (04050301)     69.06339 (04122921)
 4415000.0 |     79.12102 (04060521)     71.34311 (04083122)
99.76728 (04092019)     78.93629 (04101022)     87.15656 (04101022)
 4414500.0 |      9.00296 (04060521)     33.69593 (04060521)
62.93835 (04022918)     73.99673 (04061002)     64.29254 (04010623)
 4414000.0 |      6.69866 (04122914)      6.91307 (04122914)
23.25025 (04060521)     60.77264 (04060521)     78.40786 (04060521)
 4413500.0 |      5.64809 (04111509)      5.95042 (04122914)
6.22504 (04122914)      8.16093 (04060521)     21.78848 (04060521)
 4413000.0 |      4.73799 (04111509)      4.99175 (04111509)
5.30749 (04122914)      5.60290 (04122914)      5.78694 (04122914)
 4412500.0 |      5.17737 (04061723)      4.19813 (04111509)
4.44232 (04111509)      4.75824 (04122914)      5.05421 (04122914)
```

 4412000.0 | 4.34752 (04021323)   3.76553 (04112114)
3.77588 (04111509)   3.98076 (04111509)   4.27585 (04122914)
 4411500.0 | 4.50349 (04112218)   10.67613 (04061723)
3.65583 (04112114)   3.39735 (04111509)   3.59249 (04111509)
 4411000.0 | 4.69781 (04100220)   4.11838 (04112218)
3.80273 (04112114)   3.51873 (04112114)   3.20445 (04112114)
 4410500.0 | 4.33658 (04100220)   4.16228 (04100220)
3.84544 (04112114)   3.65778 (04112114)   3.40669 (04112114)
 4410000.0 | 3.79813 (04112219)   4.03151 (04100220)
3.84048 (04100220)   3.70471 (04112114)   3.52534 (04112114)
  *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/24/11
                                   ***
                                   ***   19:46:59

                                              PAGE 37
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE   1ST HIGHEST 1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 1ALT   ***
                                   INCLUDING SOURCE(S):   BACA1A ,
BACA1B ,

                                    *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)
	543000.00
4425000.0	61.30537 (04071322)
4424500.0	64.14484 (04101120)
4424000.0	60.31449 (04080420)
4423500.0	33.03394 (04071320)
4423000.0	53.80874 (04081420)
4422500.0	7.30291 (04122612)
4422000.0	48.39951 (04120119)
4421500.0	42.73745 (04122318)
4421000.0	36.42943 (04120108)
4420500.0	49.47391 (04120108)
4420000.0	66.01527 (04122001)
4419500.0	84.37763 (04093024)
4419000.0	48.60112 (04011318)
4418500.0	27.04223 (04122008)
4418000.0	56.53317 (04120501)
4417500.0	83.16856 (04092522)
4417000.0	82.20920 (04091006)
4416500.0	72.61894 (04091006)
4416000.0	35.22186 (04011305)
4415500.0	59.25052 (04122921)
4415000.0	77.06922 (04101022)
4414500.0	79.24031 (04061002)
4414000.0	65.38721 (04022918)
4413500.0	53.60572 (04060521)
4413000.0	6.13048 (04060521)
4412500.0	5.26743 (04122914)

 4412000.0 | 4.57701 (04122914)
 4411500.0 | 3.87309 (04122914)
 4411000.0 | 3.26282 (04111509)
 4410500.0 | 3.11272 (04112114)
 4410000.0 | 3.28693 (04112114)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
                                  ***
                                  ***   19:46:59

                                             PAGE 38
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE   1ST HIGHEST 1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 1ALT   ***
                                  INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   ,

                                       *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        537268.00   4419321.00   13.14327 (04012220)

533288.00   4420664.00   9.71255 (04011211)
        530873.00   4418253.00   8.72537 (04012609)
532253.00   4419045.00   9.98957 (04122810)
        534268.00   4421987.00   10.86800 (04010112)
536366.00   4419557.00   15.49249 (04042719)
        534987.00   4418091.00   24.34357 (04051813)
530614.00   4415312.00   14.21483 (04011915)
        538946.00   4413223.00   6.57191 (04051524)
541693.00   4411996.00   3.85655 (04111509)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
                                  ***
                                  ***   19:46:59

                                             PAGE 39
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE   1ST HIGHEST 1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 2ALT   ***
                                  INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   , ON.ISIT.,

                                   *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD

```
(METERS)
  (METERS) |       528000.00               528500.00
529000.00              529500.00              530000.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 4425000.0 |     44.66979 (04112506)     48.33293 (04112505)
62.32803 (04101906)     60.77520 (04021823)     69.72322 (04050923)
 4424500.0 |     53.56292 (04121407)     56.74487 (04121407)
69.10183 (04101906)     63.61412 (04101906)     59.86201 (04120402)
 4424000.0 |     42.62739 (04121407)     59.19104 (04121407)
55.35662 (04101906)     60.13578 (04042402)     79.00152 (04061003)
 4423500.0 |     17.70336 (04121407)     28.14357 (04022224)
54.08119 (04121703)     74.29095 (04121703)     76.97570 (04102818)
 4423000.0 |      4.63997 (04011211)      5.05701 (04011211)
18.18692 (04050905)     60.75400 (04050905)     54.19526 (04071902)
 4422500.0 |      6.10144 (04122910)      5.25824 (04122910)
5.39048 (04011211)     12.67863 (04050905)     21.81060 (04050905)
 4422000.0 |      7.43275 (04122910)      6.79032 (04122910)
5.66861 (04122910)      5.75666 (04011211)      6.31085 (04011211)
 4421500.0 |      8.91640 (04122910)      8.26340 (04122910)
7.41315 (04122910)      6.41698 (04122910)      6.17562 (04011211)
 4421000.0 |      9.69690 (04122910)      9.32450 (04122910)
8.68961 (04122910)      7.76841 (04122910)      6.58911 (04122910)
 4420500.0 |      9.68523 (04122910)      9.60264 (04122910)
9.27635 (04122910)      8.64014 (04122910)      7.69011 (04122910)
 4420000.0 |      8.91904 (04122910)      9.11653 (04122910)
9.07879 (04122910)      8.77002 (04122910)      8.12578 (04122910)
 4419500.0 |      7.57037 (04122910)      7.87914 (04122910)
8.02253 (04122910)      7.96585 (04122910)      7.69207 (04011010)
 4419000.0 |      7.34973 (04112509)      7.20650 (04112509)
7.18686 (04013109)      7.29953 (04013109)      7.34612 (04013109)
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 4418500.0 |      9.16540 (04112509)      9.31799 (04112509)
9.09407 (04112509)      8.73371 (04112509)      8.12666 (04112509)
 4418000.0 |     10.10033 (04112509)     10.47085 (04112509)
10.49197 (04112509)     10.37690 (04112509)     10.07447 (04112509)
 4417500.0 |      9.98722 (04112509)     10.18471 (04112509)
10.26086 (04112509)     10.21746 (04112509)     10.35970 (04030409)
 4417000.0 |      8.44082 (04030409)      8.89606 (04030409)
9.40350 (04030409)      9.96728 (04030409)     10.59682 (04030409)
 4416500.0 |      8.73895 (04122911)      9.37129 (04122911)
10.13382 (04011915)     11.26206 (04011915)     12.59193 (04011915)
 4416000.0 |     10.42591 (04011915)     11.36480 (04011915)
12.41493 (04011915)     13.52496 (04011915)     14.73321 (04011915)
 4415500.0 |     12.73736 (04081001)     86.45887 (04082621)
13.50038 (04011915)     14.24878 (04011915)     14.95690 (04011915)
 4415000.0 |     66.94222 (04080923)     22.62407 (04073102)
22.17542 (04073123)     13.15409 (04011915)     12.97141 (04011915)
 4414500.0 |     48.77824 (04081322)     91.92389 (04091619)
88.72878 (04091619)     34.99954 (04091619)     10.12162 (04011915)
 4414000.0 |     73.52935 (04091619)     75.16686 (04072904)
23.59743 (04072904)      9.33425 (04122711)     11.06214 (04122715)
 4413500.0 |     36.13330 (04072904)     33.78309 (04100706)
45.91882 (04082222)     45.63853 (04080105)     12.76734 (04122715)
 4413000.0 |     40.12359 (04100706)     61.33194 (04120607)
86.55069 (04092619)     49.61209 (04080822)     13.58501 (04122715)
 4412500.0 |     67.56409 (04071302)     71.08859 (04092918)
63.89321 (04080603)     12.75070 (04122715)     13.59517 (04122715)
 4412000.0 |     61.67327 (04071302)     22.31554 (04092721)
18.10258 (04082720)     12.71329 (04122715)     27.35549 (04090121)
 4411500.0 |     64.83437 (04121006)     11.32793 (04122715)
11.92964 (04122715)     12.13987 (04122715)     20.55927 (04101920)
 4411000.0 |     67.76831 (04092722)     12.24851 (04090121)
48.14328 (04101920)     25.78818 (04072504)     14.58309 (04072504)
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 4410500.0 | 10.62693 (04122715)   22.77103 (04090121)
24.16279 (04101920)   42.98685 (04092206)   25.31558 (04092206)
 4410000.0 | 18.84080 (04090121)   47.92964 (04072504)
41.18223 (04092206)   17.89776 (04013106)   17.08471 (04121923)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
                                  ***
                                  ***   19:46:59

                                             PAGE 40
 **MODELOPTs: RegDFAULT CONC
  ELEV

                               *** THE   1ST HIGHEST 1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 2ALT   ***
                                  INCLUDING SOURCE(S):   BACA1A ,
BACA1B , ON.ISIT.,

                                   *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD
(METERS)
  (METERS) | 530500.00   531000.00
531500.00   532000.00   532500.00
 -
- -

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 4425000.0 |     55.42724 (04050923)     46.81383 (04021824)
36.54990 (04010322)     58.15756 (04020207)     54.47924 (04010322)
 4424500.0 |     57.90183 (04120905)     59.27691 (04021824)
49.59135 (04020207)     73.96094 (04120717)     86.93269 (04041022)
 4424000.0 |     75.00060 (04050923)     68.49107 (04021824)
54.12666 (04021824)     72.68444 (04120717)     76.91633 (04072001)
 4423500.0 |     73.45895 (04050923)     77.51794 (04021824)
69.93649 (04050923)     55.00937 (04072001)     85.83795 (04011824)
 4423000.0 |     73.22914 (04121321)     91.89841 (04050923)
85.15258 (04050923)     36.98634 (04071905)     74.47941 (04041021)
 4422500.0 |     89.34750 (04030220)     99.22891 (04102818)
107.74768 (04102819)     52.56822 (04071905)     28.18244 (04041021)
 4422000.0 |     67.97805 (04050905)     51.76038 (04071902)
37.87414 (04062601)     26.56316 (04123007)     60.16334 (04071905)
 4421500.0 |     10.03392 (04050905)      7.47994 (04011211)
7.98989 (04011211)     67.40609 (04062601)     57.96314 (04041222)
 4421000.0 |      6.67983 (04011211)      7.46617 (04011211)
8.21205 (04011211)     62.10891 (04071902)      9.26737 (04011211)
 4420500.0 |      6.68660 (04122910)      7.20723 (04011211)
8.18372 (04011211)      9.22826 (04011211)     34.08204 (04041102)
 4420000.0 |      7.10982 (04122910)      7.23994 (04122810)
7.80832 (04011211)      9.13572 (04011211)     10.31821 (04011211)
 4419500.0 |      7.71603 (04011010)      7.80311 (04122810)
8.26287 (04122810)      8.60110 (04122810)     10.06594 (04011211)
 4419000.0 |      7.43377 (04122810)      8.06811 (04122810)
8.88815 (04122810)     29.19533 (04032202)     10.39150 (04122810)
 4418500.0 |      8.12457 (04012609)      8.25249 (04012609)
84.32374 (04052324)    165.87169 (04101123)    118.94189 (04060421)
 4418000.0 |      9.53936 (04030409)      9.87783 (04030409)
14.12058 (04091918)     88.97508 (04071124)     76.66442 (04061823)
 4417500.0 |     11.03505 (04030409)     11.68959 (04030409)
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62.55782 (04072824)   180.49648 (04040901)   181.32618 (04071123)
 4417000.0 | 11.24856 (04030409)   23.75584 (04092222)
94.67683 (04020506)   76.52824 (04110320)   155.80005 (04102422)
 4416500.0 | 14.10521 (04011915)   23.74129 (04070222)
171.89703 (04083021)   157.98514 (04080505)   179.53010 (04103105)
 4416000.0 | 16.09307 (04011915)   16.47992 (04011915)
164.65561 (04080924)   160.86971 (04072904)   140.28626 (04120124)
 4415500.0 | 15.27625 (04011915)   38.19865 (04083022)
71.83143 (04040704)   134.20417 (04111301)   150.44997 (04121005)
 4415000.0 | 12.47524 (04011915)   10.74107 (04010310)
113.74043 (04082222)   140.94015 (04071302)   148.09995 (04052105)
 4414500.0 | 11.17982 (04122715)   20.06337 (04080105)
134.51390 (04092302)   130.51511 (04041123)   119.36713 (04072504)
 4414000.0 | 13.34107 (04122715)   30.93316 (04092721)
126.10376 (04092920)   117.84250 (04092206)   81.33677 (04092206)
 4413500.0 | 14.47808 (04122715)   82.62818 (04080202)
80.96604 (04103003)   73.20234 (04111821)   52.83251 (04092601)
 4413000.0 | 34.30278 (04080202)   77.85058 (04072504)
71.21249 (04092206)   35.19465 (04072504)   50.33789 (04062103)
 4412500.0 | 61.88215 (04101920)   53.38284 (04072504)
43.85014 (04092206)   30.72162 (04062103)   40.92041 (04082224)
 4412000.0 | 50.29286 (04072504)   44.55718 (04092206)
36.39107 (04092601)   56.97648 (04062103)   73.35675 (04082224)
 4411500.0 | 38.42782 (04072504)   21.00507 (04092601)
37.85156 (04062103)   46.30913 (04082224)   42.88103 (04041119)
 4411000.0 | 24.40611 (04092206)   22.70112 (04062103)
24.10395 (04062103)   78.23303 (04082224)   18.47361 (04082221)
 4410500.0 | 25.02082 (04092601)   36.02846 (04062103)
40.18840 (04082224)   42.10430 (04041119)   77.07408 (04081824)
 4410000.0 | 32.33920 (04062103)   33.87868 (04062103)
53.25513 (04082224)   45.97153 (04082723)   54.32691 (04073005)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	533000.00	533500.00	534000.00	534500.00	535000.00
4425000.0	76.50273 (04040602)	61.28451 (04011819)	14.87711 (04052123)	9.44419 (04092520)	49.43293 (04041019)
4424500.0	84.24239 (04040601)	86.06667 (04041023)	8.12711 (04010112)	9.80343 (04011112)	17.08730 (04041019)

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 4424000.0 |     80.95900 (04041022)     92.15255 (04041023)
8.50145 (04010112)     10.19510 (04011112)     11.34565 (04011112)
 4423500.0 |     96.35109 (04011821)     64.48533 (04092519)
8.87921 (04010112)     10.57387 (04011112)     11.96100 (04011112)
 4423000.0 |     87.54697 (04050805)     60.86100 (04092519)
9.29672 (04010112)     10.96221 (04011112)     12.61098 (04011112)
 4422500.0 |     41.65881 (04072103)      8.34151 (04092218)
9.71863 (04010112)     11.30832 (04011112)     13.29479 (04011112)
 4422000.0 |      7.59429 (04120410)      8.22427 (04010112)
10.08791 (04010112)     11.66987 (04011112)     13.99554 (04011112)
 4421500.0 |      8.04339 (04011211)      8.41526 (04120410)
10.37220 (04010112)     11.96613 (04010112)     14.38796 (04011112)
 4421000.0 |      9.14847 (04011211)      8.95029 (04120410)
10.43608 (04011111)     12.86434 (04011111)     14.89973 (04011112)
 4420500.0 |     10.30428 (04011211)      9.86310 (04011211)
10.48379 (04011111)     13.74139 (04011111)     15.46083 (04011111)
 4420000.0 |     11.11123 (04011211)     11.54485 (04011211)
10.88705 (04120410)     14.29376 (04011111)     16.85812 (04011111)
 4419500.0 |     11.75519 (04011211)     12.95058 (04011211)
12.77530 (04011211)     13.90755 (04011111)     18.11365 (04011111)
 4419000.0 |     11.16331 (04011211)     25.48367 (04050905)
14.39937 (04011211)     57.94258 (04072103)     17.62662 (04011111)
 4418500.0 |    176.39187 (04032202)     95.43829 (04020121)
16.78252 (04050905)     16.25239 (04042715)     19.56099 (04101809)
 4418000.0 |    165.16507 (04101122)    275.11210 (04112307)
94.72056 (04061901)     18.39091 (04070108)     22.49053 (04051813)
 4417500.0 |    234.88989 (04082204)    277.02232 (04071123)
434.03887 (04092823)    235.97617 (04072824)     21.51496 (04081711)
 4417000.0 |    193.73090 (04020404)    272.36771 (04080505)
170.06824 (04073123)    200.40291 (04080105)     37.69961 (04061519)
 4416500.0 |    198.61301 (04123103)    184.64092 (04072904)
139.56045 (04080822)     17.04597 (04072119)     26.60826 (04070819)
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 4416000.0 |    170.68522 (04120607)    256.31229 (04090203)
19.93254 (04122715)     21.20549 (04070522)     19.94396 (04070819)
 4415500.0 |    167.40749 (04091421)     65.07831 (04101920)
14.84473 (04122715)     18.12781 (04073120)     17.09879 (04072519)
 4415000.0 |     99.34713 (04103003)     16.28404 (04122715)
13.81549 (04061419)     15.77278 (04073021)     14.73178 (04072519)
 4414500.0 |     20.79092 (04072504)     11.66123 (04122715)
12.41553 (04062220)     13.34227 (04073020)     12.33897 (04090519)
 4414000.0 |     43.96220 (04062103)    137.09577 (04082224)
11.01868 (04073120)     10.70811 (04073020)     12.61622 (04122713)
 4413500.0 |     81.50061 (04062103)    152.39444 (04081422)
10.23058 (04080120)      9.59429 (04122713)     13.44645 (04122713)
 4413000.0 |     82.90035 (04082224)     67.92564 (04082221)
38.85827 (04080623)     10.19655 (04122713)     13.59204 (04122713)
 4412500.0 |     47.60032 (04041119)     13.74304 (04080201)
8.07697 (04073019)     10.38575 (04122713)     13.33921 (04122713)
 4412000.0 |     30.99319 (04082221)      7.12639 (04073019)
7.33319 (04122713)     10.35880 (04122713)     12.90718 (04122713)
 4411500.0 |     21.79727 (04080201)      6.70441 (04073019)
7.35282 (04122713)     46.97368 (04083019)     12.32806 (04122713)
 4411000.0 |     21.60433 (04073103)     29.82811 (04080623)
24.03609 (04092323)     72.87220 (04090123)     12.54572 (04101819)
 4410500.0 |     57.62784 (04081002)     78.44693 (04082123)
39.44575 (04081501)     54.98135 (04083019)     39.19625 (04092020)
 4410000.0 |     81.58435 (04111201)     66.77003 (04081501)
22.61468 (04081005)     79.01009 (04090123)     66.75762 (04080604)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/24/11
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                                  ***        19:46:59

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**MODELOPTs: RegDFAULT CONC
 ELEV

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: 2ALT   ***
INCLUDING SOURCE(S):   BACA1A , BACA1B , ON.ISIT.,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 535500.00	536000.00	536500.00	537000.00	537500.00
4425000.0	10.33041 (04011112)	9.56119 (04011112)	8.24375 (04011112)	8.50900 (04122611)	26.35659 (04041020)
4424500.0	10.82111 (04011112)	9.95300 (04011112)	8.47883 (04011112)	8.48047 (04122611)	10.53993 (04122610)
4424000.0	11.37309 (04011112)	10.31657 (04011112)	8.52267 (04011112)	8.66660 (04122611)	10.71088 (04122610)
4423500.0	11.97691 (04011112)	10.73744 (04011112)	8.59085 (04011112)	8.59928 (04012111)	10.70764 (04122610)
4423000.0	12.64849 (04011112)	10.91505 (04011112)			

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8.58579 (04011112)      9.57231 (04012111)     10.32513 (04122610)
 4422500.0 |     13.12445 (04011112)     11.47133 (04011112)
9.64514 (04012111)     10.46941 (04012111)     10.29211 (04012111)
 4422000.0 |     13.68169 (04011112)     11.73455 (04011112)
10.72854 (04012111)     11.30286 (04012111)     10.65601 (04012111)
 4421500.0 |     14.41460 (04011112)     11.78655 (04011112)
11.90207 (04012111)     12.05428 (04012111)     10.76034 (04012111)
 4421000.0 |     14.97610 (04011112)     11.91088 (04011112)
13.18075 (04012111)     12.58057 (04012111)     10.46906 (04012111)
 4420500.0 |     15.65884 (04011112)     12.85945 (04012111)
14.19357 (04012111)     12.57030 (04012111)      9.47267 (04012111)
 4420000.0 |     16.09771 (04011111)     14.66664 (04012111)
14.40897 (04012111)     11.63145 (04012111)      9.14201 (04012220)
 4419500.0 |     54.70794 (04071402)     16.68039 (04021303)
13.42321 (04012111)     10.87797 (04012220)     12.06240 (04012220)
 4419000.0 |     15.66748 (04011111)     19.49370 (04021222)
10.79703 (04012220)     14.52849 (04012220)     14.85963 (04010410)
 4418500.0 |     24.52017 (04021307)     14.54784 (04021224)
19.36661 (04012219)     15.81747 (04012219)     17.43079 (04010410)
 4418000.0 |     22.29966 (04060609)     22.03521 (04071409)
22.10258 (04080720)     20.17671 (04041420)     15.95153 (04041421)
 4417500.0 |     10.55977 (04102312)     24.23381 (04053109)
23.26368 (04051422)     20.65993 (04051422)     17.01510 (04122912)
 4417000.0 |     18.63219 (04021813)     14.97905 (04082415)
16.74974 (04021018)     13.45941 (04021019)     18.43023 (04082403)
 4416500.0 |     21.15297 (04081519)     18.22463 (04040323)
10.46196 (04051514)     13.98838 (04021018)     71.48456 (04082402)
 4416000.0 |     19.28362 (04081519)     20.68677 (04040218)
17.55313 (04040323)      8.49601 (04040323)      9.57910 (04111509)
 4415500.0 |     14.00053 (04040219)     17.59698 (04090923)
14.83951 (04100219)     13.37643 (04040323)      7.24277 (04111509)
 4415000.0 |     12.73439 (04040219)     15.03435 (04080319)
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13.29786 (04090420)     12.96797 (04100219)      9.92273 (04040323)
 4414500.0 |     12.23094 (04122713)     12.50499 (04082319)
12.37904 (04090119)      9.67046 (04100219)     10.24692 (04100219)
 4414000.0 |     14.20120 (04122713)     12.88765 (04122713)
10.51638 (04080319)      9.25858 (04090420)     12.34119 (04031119)
 4413500.0 |     15.14869 (04122713)     14.08985 (04122713)
10.60126 (04122713)      9.37023 (04072320)      6.23409 (04100219)
 4413000.0 |     15.23579 (04122713)     37.37685 (04081421)
11.58105 (04122713)      8.53311 (04072320)      6.89758 (04072320)
 4412500.0 |     14.81875 (04122713)     14.26507 (04122713)
11.96200 (04122713)      8.80003 (04122713)      7.08067 (04072320)
 4412000.0 |     14.21828 (04122713)     13.80285 (04122713)
11.94211 (04122713)      9.34784 (04122713)      6.74037 (04071421)
 4411500.0 |     13.54023 (04122713)     13.29537 (04122713)
11.80870 (04122713)      9.49388 (04122713)      7.14788 (04122713)
 4411000.0 |     95.55485 (04062023)     12.72807 (04122713)
11.42607 (04122713)      9.65865 (04122713)      7.44584 (04122713)
 4410500.0 |     19.94412 (04092423)     12.18738 (04122713)
11.17536 (04122713)      9.55309 (04122713)      7.62363 (04122713)
 4410000.0 |     32.27740 (04092423)     11.67072 (04122713)
10.86684 (04122713)      9.45407 (04122713)      7.59956 (04122713)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/24/11
                                  ***
                                  ***        19:46:59

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 **MODELOPTs:  RegDFAULT CONC
  ELEV
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	538000.00	538500.00	539000.00	539500.00	540000.00
4425000.0	10.40534 (04122610)	11.13560 (04122610)	10.04198 (04122610)	8.22871 (04122610)	6.29156 (04122009)
4424500.0	25.23956 (04040719)	10.19197 (04122610)	8.55379 (04122610)	6.98722 (04122610)	5.83503 (04122009)
4424000.0	40.30686 (04040719)	13.81965 (04032620)	7.40673 (04122009)	6.35760 (04122009)	5.56875 (04122612)
4423500.0	66.85594 (04032419)	52.42538 (04110902)	6.97206 (04012111)	5.72318 (04012111)	12.05842 (04071322)
4423000.0	57.22086 (04032419)	8.02769 (04012111)	6.63232 (04012111)	6.44978 (04122612)	7.55508 (04122612)
4422500.0	9.27060 (04012111)	7.76959 (04012111)	6.70384 (04122612)	8.09873 (04122612)	9.36732 (04122612)
4422000.0	9.13591 (04012111)	7.28457 (04012111)	7.69436 (04122612)	9.46574 (04122612)	10.55411 (04122612)

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 4421500.0 |      8.69123 (04012111)      6.58409 (04010210)
8.65365 (04010210)      9.97450 (04010210)     10.46659 (04010210)
 4421000.0 |      7.83019 (04012111)      8.48695 (04010210)
10.14715 (04010210)     10.71895 (04010210)     10.47869 (04010210)
 4420500.0 |      7.65758 (04010210)      9.83728 (04010210)
10.78053 (04010210)     10.88230 (04010410)     11.39127 (04010410)
 4420000.0 |      9.90232 (04012220)     11.42484 (04010410)
12.75803 (04010410)     13.13610 (04010410)     13.11482 (04010410)
 4419500.0 |     14.52394 (04093018)     14.83941 (04010410)
15.20688 (04010410)     41.51312 (04051101)     31.55188 (04050819)
 4419000.0 |     16.93863 (04010410)     28.89348 (04051101)
29.10548 (04050819)     57.27897 (04101720)     75.13053 (04051120)
 4418500.0 |     17.67524 (04010410)     16.61457 (04010410)
15.14180 (04010410)     57.55112 (04020720)     52.43389 (04110917)
 4418000.0 |     15.95279 (04122912)     15.34576 (04122912)
14.64928 (04122912)     56.92599 (04091620)    111.24854 (04091620)
 4417500.0 |     16.65032 (04122912)    196.78171 (04082920)
45.88831 (04101918)    126.71537 (04082920)    125.12430 (04062002)
 4417000.0 |     12.18291 (04122912)    104.31995 (04060205)
86.76685 (04060205)    115.79055 (04022223)    112.36969 (04091006)
 4416500.0 |    137.13798 (04110217)    143.00205 (04112024)
139.13100 (04050301)    114.97233 (04050301)     78.26212 (04122921)
 4416000.0 |     26.49130 (04060521)    107.44832 (04083122)
119.21682 (04061002)    110.03875 (04101022)    121.87809 (04101022)
 4415500.0 |      8.80291 (04111509)     14.90489 (04060521)
81.70503 (04021103)    111.85127 (04022918)    109.80688 (04102102)
 4415000.0 |      6.78446 (04111509)      7.91938 (04111509)
8.40898 (04111509)     27.67090 (04060521)     72.14710 (04060521)
 4414500.0 |      8.33574 (04051524)      6.18991 (04111509)
6.97639 (04111509)      7.37420 (04111509)      7.53088 (04122914)
 4414000.0 |      8.52980 (04051524)      7.04765 (04051524)
5.52488 (04111509)      6.11637 (04111509)      6.45300 (04111509)
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 4413500.0 | 7.69730 (04100219)   7.47435 (04051524)
5.98746 (04051524)   4.91339 (04111509)   5.37624 (04111509)
 4413000.0 | 6.21815 (04100219)   6.73382 (04100220)
6.52653 (04100220)   5.25898 (04021323)   4.37195 (04111509)
 4412500.0 | 5.12105 (04090918)   5.64179 (04100219)
6.24785 (04100220)   5.75055 (04100220)   4.76669 (04021323)
 4412000.0 | 5.44047 (04072320)   4.47721 (04100219)
5.20892 (04100220)   5.73786 (04100220)   5.08660 (04100220)
 4411500.0 | 5.61517 (04100319)   4.17780 (04090918)
4.49307 (04112219)   5.03384 (04100220)   5.19861 (04100220)
 4411000.0 | 5.49896 (04071421)   4.66011 (04090422)
3.66241 (04112219)   4.39734 (04112219)   4.76140 (04100220)
 4410500.0 | 5.65042 (04122713)   4.78961 (04082420)
4.01301 (04090422)   3.80858 (04112219)   4.13053 (04112219)
 4410000.0 | 5.83602 (04122713)   4.73218 (04100319)
4.20096 (04090422)   3.32004 (04090422)   3.68593 (04112219)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/24/11
                                   ***
                                   ***   19:46:59

                                              PAGE 44
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE   1ST HIGHEST 1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 2ALT   ***
                                   INCLUDING SOURCE(S):   BACA1A ,
BACA1B , ON.ISIT.,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	540500.00	541000.00	541500.00
542000.00	542500.00		
4425000.0	5.14581 (04122009)	5.65065 (04122612)	21.04312 (04071322)
52.69663 (04050223)	60.42310 (04101020)		
4424500.0	5.80465 (04122612)	9.12157 (04071322)	53.29189 (04101020)
55.72008 (04071322)	64.16027 (04101722)		
4424000.0	6.55095 (04122612)	39.24450 (04071322)	57.01462 (04093019)
75.43718 (04093019)	65.44573 (04072820)		
4423500.0	18.22935 (04071322)	41.30217 (04093019)	53.53789 (04093019)
57.72391 (04072820)	67.64890 (04080420)		
4423000.0	20.87543 (04101118)	26.72956 (04101118)	33.52913 (04050620)
25.90733 (04071320)	16.56215 (04032022)		
4422500.0	10.12090 (04122612)	18.68285 (04050620)	11.53696 (04071320)
10.62313 (04093018)	39.30968 (04093018)		
4422000.0	10.87417 (04122612)	10.02843 (04122612)	9.24693 (04122612)
35.88433 (04093018)	40.16635 (04111819)		
4421500.0	10.26717 (04010210)	9.36837 (04010210)	24.96890 (04093018)
28.83797 (04071321)	43.91372 (04050919)		
4421000.0	9.84951 (04010410)	12.19760 (04093018)	34.93880 (04071321)
76.82667 (04100103)	49.28815 (04120503)		
4420500.0	11.50086 (04010410)	30.60195 (04071323)	

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74.81134 (04050820)     67.01474 (04120503)     54.47725 (04120503)
 4420000.0 |     33.87996 (04051101)     93.06036 (04071323)
81.19363 (04050820)     61.80980 (04112504)     73.39127 (04031104)
 4419500.0 |     60.98538 (04101119)     99.31099 (04032023)
99.67153 (04100105)     90.13856 (04093024)     87.28520 (04093024)
 4419000.0 |     77.91070 (04050701)     86.00104 (04110917)
78.22494 (04010603)     73.40057 (04032102)     57.01960 (04011318)
 4418500.0 |     47.18041 (04110917)     50.31549 (04030118)
72.65309 (04093024)     33.44264 (04011318)     37.76908 (04101723)
 4418000.0 |    112.50351 (04091620)     90.21178 (04030118)
85.31343 (04101723)     62.62127 (04101723)     56.22589 (04122008)
 4417500.0 |    101.11680 (04050920)    109.12910 (04092522)
86.07901 (04101801)     81.39119 (04101801)     79.27732 (04101801)
 4417000.0 |    111.53721 (04091006)     85.56748 (04120502)
100.63588 (04050921)     80.11549 (04022006)     90.47643 (04050921)
 4416500.0 |     75.41161 (04091006)     74.66780 (04091006)
77.52333 (04091006)     69.96798 (04091006)     74.91437 (04091006)
 4416000.0 |    102.90758 (04101022)     75.43625 (04082904)
67.00479 (04050301)     42.81883 (04050301)     51.04470 (04122921)
 4415500.0 |     89.61227 (04102102)     98.40470 (04101021)
94.61146 (04071301)     87.37737 (04050301)     69.06339 (04122921)
 4415000.0 |     79.12102 (04060521)     71.34311 (04083122)
99.76728 (04092019)     78.93629 (04101022)     87.15656 (04101022)
 4414500.0 |      9.00321 (04060521)     33.69622 (04060521)
62.93835 (04022918)     73.99673 (04061002)     64.29254 (04010623)
 4414000.0 |      6.71175 (04122914)      6.92794 (04122914)
23.25025 (04060521)     60.77264 (04060521)     78.40786 (04060521)
 4413500.0 |      5.65972 (04111509)      5.96093 (04122914)
6.23737 (04122914)      8.16094 (04060521)     21.78853 (04060521)
 4413000.0 |      4.74480 (04111509)      5.00070 (04111509)
5.31598 (04122914)      5.61309 (04122914)      5.79854 (04122914)
 4412500.0 |      5.20924 (04080620)      4.20353 (04111509)
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4.44937 (04111509) 4.76518 (04122914) 5.06266 (04122914)
 4412000.0 | 4.35433 (04021323) 3.77336 (04112114)
3.78048 (04111509) 3.98644 (04111509) 4.28154 (04122914)
 4411500.0 | 4.51100 (04112218) 10.72126 (04061723)
3.66319 (04112114) 3.40113 (04111509) 3.59719 (04111509)
 4411000.0 | 4.70415 (04100220) 4.12448 (04112218)
3.81095 (04112114) 3.52564 (04112114) 3.21001 (04112114)
 4410500.0 | 4.34130 (04100220) 4.16694 (04100220)
3.85407 (04112114) 3.66549 (04112114) 3.41323 (04112114)
 4410000.0 | 3.80113 (04112219) 4.03620 (04100220)
3.84546 (04100220) 3.71283 (04112114) 3.53260 (04112114)
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/24/11
*** 19:46:59

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)
	543000.00
4425000.0	61.30537 (04071322)
4424500.0	64.14484 (04101120)
4424000.0	60.31790 (04080420)
4423500.0	33.04336 (04071320)
4423000.0	53.81200 (04081420)
4422500.0	7.32502 (04010210)
4422000.0	48.39951 (04120119)
4421500.0	42.73745 (04122318)
4421000.0	36.42943 (04120108)
4420500.0	49.47391 (04120108)
4420000.0	66.01527 (04122001)
4419500.0	84.37763 (04093024)
4419000.0	48.60112 (04011318)
4418500.0	27.04223 (04122008)
4418000.0	56.53317 (04120501)
4417500.0	83.16856 (04092522)
4417000.0	82.20920 (04091006)
4416500.0	72.61894 (04091006)
4416000.0	35.22186 (04011305)
4415500.0	59.25052 (04122921)
4415000.0	77.06922 (04101022)
4414500.0	79.24031 (04061002)
4414000.0	65.38721 (04022918)
4413500.0	53.60572 (04060521)
4413000.0	6.13058 (04060521)

 4412500.0 | 5.27725 (04122914)
 4412000.0 | 4.58406 (04122914)
 4411500.0 | 3.87784 (04122914)
 4411000.0 | 3.26684 (04111509)
 4410500.0 | 3.11806 (04112114)
 4410000.0 | 3.29314 (04112114)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
                                  ***
                                  ***   19:46:59

                                             PAGE 46
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE   1ST HIGHEST 1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 2ALT   ***
                                  INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   , ON.ISIT.,

                                       *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

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

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

        537268.00   4419321.00   13.16165 (04012220)
533288.00   4420664.00   9.73635 (04011211)
        530873.00   4418253.00   8.74942 (04012609)
532253.00   4419045.00   10.01720 (04122810)
        534268.00   4421987.00   10.90239 (04010112)
536366.00   4419557.00   15.50844 (04042719)
        534987.00   4418091.00   24.49718 (04051813)
530614.00   4415312.00   14.25689 (04011915)
        538946.00   4413223.00   6.58098 (04051524)
541693.00   4411996.00   3.86151 (04111509)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/24/11
                                   ***
                                   ***   19:46:59

                                              PAGE 47
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE   1ST HIGHEST 1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 3ALT-KUM ***
                                   INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   , ON.ISIT., CALIK1   , CALIK2   , CALIK3   ,

                                    *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	528000.00	528500.00	529000.00	529500.00	530000.00
4425000.0	44.82637 (04112506)	48.44854 (04112505)	62.40307 (04101906)	60.85007 (04021823)	69.75952 (04050923)
4424500.0	53.64482 (04121407)	56.84467 (04121407)	69.12534 (04101906)	63.61941 (04101906)	59.86243 (04120402)
4424000.0	42.63815 (04121407)	59.22053 (04121407)	55.36384 (04101906)	60.13616 (04042402)	79.00155 (04061003)
4423500.0	17.70453 (04121407)	28.14546 (04022224)	54.08129 (04121703)	74.29104 (04121703)	76.97570 (04102818)
4423000.0	5.78373 (04112509)	5.96875 (04112509)	18.18692 (04050905)	60.75401 (04050905)	54.19527 (04071902)
4422500.0	6.58394 (04122910)	5.74249 (04122910)	5.91005 (04011211)	12.67863 (04050905)	21.81060 (04050905)
4422000.0	7.75796 (04122910)	7.10897 (04122910)	5.99103 (04122910)	6.28408 (04011211)	6.85957 (04011211)
4421500.0	9.14766 (04122910)	8.49292 (04122910)	7.63902 (04122910)	6.63777 (04122910)	6.71099 (04011211)
4421000.0	9.88225 (04122910)	9.50817 (04122910)	8.86895 (04122910)	7.94471 (04122910)	6.90487 (04011915)
4420500.0	9.84877 (04122910)	9.76533 (04122910)	9.43566 (04122910)	8.79847 (04122910)	7.84934 (04122910)
4420000.0	9.07541 (04122910)	9.27006 (04122910)	9.23035 (04122910)	8.92124 (04122910)	8.27833 (04122910)
4419500.0	7.72298 (04122910)	8.02919 (04122910)	8.17162 (04122910)	8.11325 (04122910)	7.78081 (04011010)
4419000.0	7.96192 (04012609)	8.06739 (04012609)			

8.18961 (04012609) 8.27133 (04012609) 8.31119 (04012609)
 4418500.0 | 9.49947 (04112509) 9.60669 (04112509)
9.33714 (04112509) 9.01926 (04122911) 9.03064 (04012609)
 4418000.0 | 10.31978 (04112509) 10.66055 (04112509)
10.65397 (04112509) 10.51405 (04112509) 10.46337 (04122911)
 4417500.0 | 10.45882 (04122911) 10.86750 (04122911)
11.29649 (04122911) 11.69561 (04122911) 11.99821 (04122911)
 4417000.0 | 11.23381 (04122911) 11.74833 (04122911)
12.27534 (04122911) 12.79433 (04122911) 13.25226 (04122911)
 4416500.0 | 11.81597 (04011915) 12.46780 (04011915)
13.20069 (04011915) 14.04658 (04011915) 15.05575 (04011915)
 4416000.0 | 13.41381 (04011915) 14.14256 (04011915)
14.93112 (04011915) 15.76307 (04011915) 16.65903 (04011915)
 4415500.0 | 14.31312 (04011915) 86.45887 (04082621)
15.47321 (04011915) 15.95557 (04011915) 16.37061 (04011915)
 4415000.0 | 66.94222 (04080923) 22.62407 (04073102)
22.17542 (04073123) 14.44093 (04011915) 14.03110 (04011915)
 4414500.0 | 48.77824 (04081322) 91.92393 (04091619)
88.72879 (04091619) 34.99954 (04091619) 14.77356 (04122715)
 4414000.0 | 73.52936 (04091619) 75.18215 (04072904)
23.59765 (04072904) 15.04139 (04122711) 17.08500 (04122715)
 4413500.0 | 36.13444 (04072904) 33.79573 (04100706)
45.91883 (04082222) 45.63853 (04080105) 18.54130 (04122715)
 4413000.0 | 40.14422 (04100706) 61.33590 (04120607)
86.55073 (04092619) 49.61211 (04080822) 19.16219 (04122715)
 4412500.0 | 67.79706 (04071302) 71.08861 (04092918)
63.89327 (04080603) 18.15102 (04122715) 19.00636 (04122715)
 4412000.0 | 61.73938 (04071302) 22.31556 (04092721)
18.10271 (04082720) 17.83928 (04122715) 27.35589 (04090121)
 4411500.0 | 64.85006 (04121006) 16.55067 (04122715)
17.02216 (04122715) 17.13719 (04122715) 20.55938 (04101920)
 4411000.0 | 67.76924 (04092722) 16.23997 (04122715)

48.14353 (04101920)   25.79560 (04072504)   15.08778 (04122715)
 4410500.0 | 15.31769 (04122715)   22.77220 (04090121)
24.16314 (04101920)   43.37635 (04092206)   25.44702 (04092206)
 4410000.0 | 18.84239 (04090121)   48.05135 (04072504)
41.47872 (04092206)   20.97556 (04031201)   17.66168 (04121923)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
                                  ***
                                  ***   19:46:59

                                             PAGE 48
 **MODELOPTs: RegDFAULT CONC
  ELEV

                               *** THE   1ST HIGHEST 1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 3ALT-KUM ***
                                 INCLUDING SOURCE(S):   BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

                                  *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD
(METERS)
  (METERS) | 530500.00   531000.00
531500.00   532000.00   532500.00
 -

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 4425000.0 |     55.43872 (04050923)     46.84078 (04021824)
36.74936 (04010322)     58.34419 (04020207)     54.69257 (04010322)
 4424500.0 |     57.90224 (04120905)     59.35102 (04021824)
49.76170 (04020207)     74.01867 (04120717)     86.95749 (04041022)
 4424000.0 |     75.00830 (04050923)     68.58137 (04021824)
62.81307 (04071124)     72.71246 (04120717)     76.91925 (04072001)
 4423500.0 |     73.46450 (04050923)     77.57679 (04021824)
69.96661 (04050923)     55.01379 (04072001)     85.83807 (04011824)
 4423000.0 |     73.22944 (04121321)     91.91578 (04050923)
85.16363 (04050923)     36.98635 (04071905)     74.47942 (04041021)
 4422500.0 |     89.34758 (04030220)     99.22893 (04102818)
107.74769 (04102819)     52.56822 (04071905)     28.18244 (04041021)
 4422000.0 |     67.97805 (04050905)     51.76038 (04071902)
37.87414 (04062601)     26.56316 (04123007)     60.16334 (04071905)
 4421500.0 |     10.03392 (04050905)      8.07177 (04011211)
8.60309 (04011211)     67.40609 (04062601)     57.96314 (04041222)
 4421000.0 |      7.58475 (04011915)      8.03936 (04011211)
8.80545 (04011211)     62.10891 (04071902)      9.94106 (04011211)
 4420500.0 |      8.01079 (04011915)      8.04864 (04011915)
8.76133 (04011211)      9.86383 (04011211)     34.08204 (04041102)
 4420000.0 |      7.72505 (04122810)      7.94231 (04122810)
8.37133 (04011211)      9.75078 (04011211)     10.94301 (04011211)
 4419500.0 |      8.00790 (04122810)      8.41741 (04122810)
8.89049 (04122810)      9.24145 (04122810)     10.66505 (04011211)
 4419000.0 |      8.25942 (04012609)      8.63006 (04122810)
9.47458 (04122810)     29.19533 (04032202)     11.03346 (04122810)
 4418500.0 |      9.17051 (04012609)      9.24331 (04012609)
84.32374 (04052324)    165.87169 (04101123)    118.94189 (04060421)
 4418000.0 |     10.62704 (04030409)     10.89493 (04030409)
14.12058 (04091918)     88.97508 (04071124)     76.66453 (04061823)
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 4417500.0 |     12.17486 (04122911)     12.48861 (04030409)
62.55782 (04072824)    180.49655 (04040901)    181.32746 (04071123)
 4417000.0 |     13.57135 (04122911)     23.75584 (04092222)
94.67690 (04020506)     76.52828 (04110320)    155.81093 (04102422)
 4416500.0 |     16.23612 (04011915)     23.74129 (04070222)
171.89703 (04083021)    157.99230 (04080505)    179.58056 (04103105)
 4416000.0 |     17.67967 (04011915)     17.86433 (04011915)
164.65562 (04080924)    160.88345 (04072904)    140.36131 (04120124)
 4415500.0 |     16.44171 (04011915)     38.19865 (04083022)
71.83150 (04040704)    134.65079 (04111301)    151.17881 (04121005)
 4415000.0 |     14.50153 (04122715)     17.60662 (04122715)
113.74043 (04082222)    141.08049 (04071302)    150.21468 (04052105)
 4414500.0 |     17.36712 (04122715)     20.40949 (04122715)
134.51408 (04092302)    130.97847 (04041123)    119.55958 (04072504)
 4414000.0 |     19.42190 (04122715)     30.93316 (04092721)
126.10436 (04092920)    118.60440 (04092206)     81.95862 (04092206)
 4413500.0 |     20.41791 (04122715)     82.62824 (04080202)
80.97092 (04103003)     74.94085 (04111821)     53.06048 (04092601)
 4413000.0 |     34.30283 (04080202)     77.94945 (04072504)
71.53140 (04072504)     35.27624 (04072504)     50.35145 (04062103)
 4412500.0 |     61.88237 (04101920)     53.43828 (04072504)
44.39335 (04092206)     30.72865 (04062103)     40.92041 (04082224)
 4412000.0 |     50.34634 (04072504)     45.05702 (04092206)
36.53750 (04092601)     57.01503 (04062103)     73.35676 (04082224)
 4411500.0 |     38.52533 (04072504)     21.03239 (04092601)
37.87128 (04062103)     46.30916 (04082224)     42.88103 (04041119)
 4411000.0 |     24.53761 (04092206)     22.70864 (04062103)
24.10661 (04062103)     78.23315 (04082224)     18.47362 (04082221)
 4410500.0 |     25.08091 (04092601)     36.04904 (04062103)
40.18842 (04082224)     42.10432 (04041119)     77.07409 (04081824)
 4410000.0 |     32.38611 (04062103)     33.88861 (04062103)
53.25516 (04082224)     45.97154 (04082723)     54.32691 (04073005)
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 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/24/11
*** 19:46:59

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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	533000.00	533500.00	534000.00	534500.00	535000.00
4425000.0	76.58456 (04040602)	61.28959 (04011819)	14.87712 (04052123)	9.72615 (04011112)	49.43293 (04041019)
4424500.0	84.26658 (04040601)	86.06668 (04041023)			

8.88155 (04010112)   10.09282 (04011112)   17.08730 (04041019)
 4424000.0 | 80.96655 (04041022)   92.15255 (04041023)
9.25496 (04010112)   10.47928 (04011112)   11.64114 (04011112)
 4423500.0 | 96.35115 (04011821)   64.48533 (04092519)
9.61277 (04010112)   10.85728 (04011112)   12.24835 (04011112)
 4423000.0 | 87.54697 (04050805)   60.86100 (04092519)
10.03029 (04010112)   11.24064 (04011112)   12.89498 (04011112)
 4422500.0 | 41.65881 (04072103)   8.87152 (04010112)
10.46145 (04010112)   11.58249 (04011112)   13.57335 (04011112)
 4422000.0 | 8.57892 (04011915)   8.88609 (04010112)
10.79805 (04010112)   12.10907 (04010112)   14.27355 (04011112)
 4421500.0 | 9.50254 (04011915)   9.84992 (04011915)
11.04860 (04010112)   12.71194 (04011111)   14.65444 (04011112)
 4421000.0 | 9.83766 (04011211)   9.71217 (04011915)
11.21593 (04011111)   13.71205 (04011111)   15.18496 (04011112)
 4420500.0 | 10.97823 (04011211)   10.55863 (04011211)
11.24290 (04011111)   14.58484 (04011111)   16.39460 (04011111)
 4420000.0 | 11.75251 (04011211)   12.23192 (04011211)
11.60702 (04120410)   15.12938 (04011111)   17.74074 (04011111)
 4419500.0 | 12.40198 (04011211)   13.65098 (04011211)
13.49006 (04011211)   14.71532 (04011111)   18.98192 (04011111)
 4419000.0 | 11.83303 (04011211)   25.48367 (04050905)
15.10644 (04011211)   57.94258 (04072103)   18.44487 (04011111)
 4418500.0 | 176.39187 (04032202)   95.43829 (04020121)
16.78252 (04050905)   16.25681 (04042715)   19.57098 (04101809)
 4418000.0 | 165.17100 (04101122)   275.11225 (04112307)
94.72056 (04061901)   18.39803 (04070108)   22.49701 (04051813)
 4417500.0 | 234.91741 (04082204)   277.02371 (04071123)
434.03890 (04092823)   235.97617 (04072824)   21.54536 (04081711)
 4417000.0 | 193.79974 (04020404)   272.38016 (04080505)
170.06824 (04073123)   200.40291 (04080105)   38.36721 (04061519)
 4416500.0 | 198.67798 (04123103)   184.64447 (04072904)

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139.56045 (04080822)     19.08348 (04122715)     26.84840 (04070819)
 4416000.0 |     170.68544 (04120607)    256.31229 (04090203)
26.88907 (04122715)     22.02983 (04070522)     20.25246 (04070819)
 4415500.0 |     167.64842 (04091421)     65.07832 (04101920)
20.79649 (04122715)     18.64275 (04073120)     17.11848 (04072519)
 4415000.0 |      99.34991 (04103003)     22.45162 (04122715)
14.78181 (04122715)     16.36313 (04073120)     14.75943 (04072519)
 4414500.0 |      22.39204 (04122715)     16.96833 (04122715)
13.46431 (04062220)     13.84222 (04073020)     12.37483 (04090519)
 4414000.0 |      43.96804 (04062103)    137.09579 (04082224)
11.77292 (04090222)     11.32069 (04073020)     13.19473 (04122713)
 4413500.0 |      81.52980 (04062103)    152.39447 (04081422)
10.80168 (04080120)     10.08605 (04122713)     14.09966 (04122713)
 4413000.0 |      82.90035 (04082224)     67.92564 (04082221)
38.85827 (04080623)     10.73574 (04122713)     14.30628 (04122713)
 4412500.0 |      47.60033 (04041119)     13.74304 (04080201)
8.74111 (04073019)     10.97009 (04122713)     14.11613 (04122713)
 4412000.0 |      30.99319 (04082221)      8.05857 (04111208)
7.80774 (04122713)     10.97218 (04122713)     13.72479 (04122713)
 4411500.0 |      21.79727 (04080201)      7.84536 (04111208)
7.88511 (04122713)     46.97368 (04083019)     13.23079 (04122713)
 4411000.0 |      21.60433 (04073103)     29.82812 (04080623)
24.03610 (04092323)     72.87220 (04090123)     12.69128 (04122713)
 4410500.0 |      57.62784 (04081002)     78.44694 (04082123)
39.46571 (04081501)     54.98135 (04083019)     39.19625 (04092020)
 4410000.0 |      81.58447 (04111201)     66.82081 (04081501)
22.61480 (04081005)     79.01009 (04090123)     66.75763 (04080604)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/24/11
                                   ***
                                   ***       19:46:59
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	535500.00	536000.00	536500.00	537000.00	537500.00
4425000.0	10.63690 (04011112)	9.87246 (04011112)	8.55292 (04011112)	8.52045 (04122611)	26.35659 (04041020)
4424500.0	11.13978 (04011112)	10.26570 (04011112)	8.79205 (04011112)	8.48820 (04122611)	10.54309 (04122610)
4424000.0	11.68805 (04011112)	10.64041 (04011112)	8.83825 (04011112)	8.67239 (04122611)	10.71305 (04122610)
4423500.0	12.28700 (04011112)	11.05736 (04011112)	8.89109 (04011112)	9.03154 (04012111)	10.70945 (04122610)

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 4423000.0 |     12.95030 (04011112)     11.21707 (04011112)
8.88501 (04011112)     10.01119 (04012111)     10.32699 (04122610)
 4422500.0 |     13.41318 (04011112)     11.77447 (04011112)
10.35412 (04011915)     10.92682 (04012111)     10.75785 (04012111)
 4422000.0 |     13.96516 (04011112)     12.04963 (04011112)
11.50327 (04011915)     11.79035 (04012111)     11.12131 (04012111)
 4421500.0 |     14.69376 (04011112)     12.09916 (04011112)
12.34823 (04012111)     12.52302 (04012111)     14.54977 (04122715)
 4421000.0 |     15.24879 (04011112)     12.39366 (04011111)
13.58886 (04012111)     13.93434 (04122715)     14.69729 (04122715)
 4420500.0 |     15.93320 (04011112)     13.21093 (04012111)
14.57051 (04012111)     13.78999 (04122715)     13.08972 (04122715)
 4420000.0 |     17.04723 (04011111)     15.00760 (04012111)
14.76379 (04012111)     12.26820 (04122715)     10.43862 (04122715)
 4419500.0 |     54.70794 (04071402)     16.69641 (04021303)
13.76159 (04012111)     10.89574 (04012220)     12.08198 (04012220)
 4419000.0 |     16.50733 (04011111)     19.50694 (04021222)
10.81205 (04012220)     14.54471 (04012220)     15.41291 (04010410)
 4418500.0 |     24.53102 (04021307)     14.55779 (04021224)
19.38013 (04012219)     15.83223 (04012219)     17.96092 (04010410)
 4418000.0 |     22.31087 (04060609)     22.04258 (04071409)
22.11728 (04080720)     20.19093 (04041420)     15.96721 (04041421)
 4417500.0 |     10.67965 (04102312)     24.23965 (04053109)
23.27619 (04051422)     20.67305 (04051422)     17.35686 (04122912)
 4417000.0 |     18.64828 (04021813)     14.99590 (04082415)
16.76073 (04021018)     13.47152 (04021019)     18.43023 (04082403)
 4416500.0 |     21.16224 (04081519)     18.23373 (04040323)
10.46775 (04051514)     13.99965 (04021018)     71.48456 (04082402)
 4416000.0 |     19.29259 (04081519)     20.69419 (04040218)
17.56220 (04040323)      8.50580 (04040323)     10.16069 (04111509)
 4415500.0 |     14.01404 (04040219)     17.60550 (04090923)
14.84916 (04100219)     13.38544 (04040323)      7.78785 (04111509)
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 4415000.0 | 12.75163 (04040219)   15.04300 (04080319)
13.30697 (04090420)   12.97730 (04100219)   9.93113 (04040323)
 4414500.0 | 12.94304 (04122713)   12.51347 (04082319)
12.38758 (04090119)   9.67912 (04100219)   10.25591 (04100219)
 4414000.0 | 14.99712 (04122713)   14.05719 (04122713)
10.72517 (04122713)   9.26730 (04090420)   12.34119 (04031119)
 4413500.0 | 16.03239 (04122713)   15.32415 (04122713)
12.39211 (04122713)   9.37880 (04072320)   7.05021 (04122713)
 4413000.0 | 16.19105 (04122713)   37.37685 (04081421)
13.36412 (04122713)   10.43201 (04122713)   8.01436 (04122713)
 4412500.0 | 15.83987 (04122713)   15.62472 (04122713)
13.76872 (04122713)   11.22009 (04122713)   8.87643 (04122713)
 4412000.0 | 15.29846 (04122713)   15.28723 (04122713)
13.78610 (04122713)   11.75148 (04122713)   9.57153 (04122713)
 4411500.0 | 14.68818 (04122713)   14.83120 (04122713)
13.75165 (04122713)   11.87584 (04122713)   10.12865 (04122713)
 4411000.0 | 95.55486 (04062023)   14.33535 (04122713)
13.55062 (04122713)   12.08027 (04122713)   10.39271 (04122713)
 4410500.0 | 19.94412 (04092423)   13.83258 (04122713)
13.27232 (04122713)   12.03409 (04122713)   10.58336 (04122713)
 4410000.0 | 32.27740 (04092423)   13.36224 (04122713)
12.94854 (04122713)   11.93627 (04122713)   10.71296 (04122713)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/24/11
                                   ***
                                   ***   19:46:59

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 **MODELOPTs: RegDFAULT CONC
  ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	538000.00	538500.00	539000.00
	539500.00	540000.00	
4425000.0	10.40787 (04122610)	11.13691 (04122610)	10.04281 (04122610)
	12.28226 (04011111)	12.57206 (04012111)	
4424500.0	25.23956 (04040719)	10.89211 (04011211)	10.11229 (04011211)
	11.04478 (04032209)	14.30666 (04021307)	
4424000.0	40.30686 (04040719)	13.81965 (04032620)	8.43279 (04011211)
	16.17090 (04051813)	17.47466 (04060109)	
4423500.0	66.85594 (04032419)	52.42539 (04110902)	12.82352 (04070107)
	9.12745 (04091912)	12.44648 (04081409)	
4423000.0	57.22086 (04032419)	14.51814 (04081620)	17.79017 (04091811)
	12.92263 (04091311)	9.80260 (04031912)	
4422500.0	11.63850 (04081619)	14.60245 (04070519)	16.59187 (04072119)
	16.42184 (04070105)	13.93174 (04022211)	
4422000.0	13.41760 (04122715)	13.12429 (04122715)	

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11.87787 (04061519)     14.28483 (04070819)     12.84300 (04081519)
 4421500.0 |     15.16400 (04122715)     11.46349 (04122715)
11.30358 (04070521)     10.45666 (04072519)     10.47721 (04010210)
 4421000.0 |     13.18271 (04122715)      8.58977 (04122715)
10.17482 (04010210)     10.74296 (04010210)     10.50268 (04010210)
 4420500.0 |     10.19675 (04122715)      9.88818 (04010210)
10.82631 (04010210)     11.47713 (04010410)     11.99964 (04010410)
 4420000.0 |      9.92611 (04012220)     12.01897 (04010410)
13.37240 (04010410)     13.77355 (04010410)     13.74744 (04010410)
 4419500.0 |     14.52394 (04093018)     15.44990 (04010410)
15.82555 (04010410)     41.51312 (04051101)     31.55188 (04050819)
 4419000.0 |     17.52972 (04010410)     28.89348 (04051101)
29.10548 (04050819)     57.27897 (04101720)     75.13053 (04051120)
 4418500.0 |     18.23137 (04010410)     17.18532 (04010410)
15.72158 (04010410)     57.55112 (04020720)     52.43389 (04110917)
 4418000.0 |     16.32426 (04122912)     15.74070 (04122912)
15.04523 (04122912)     56.92599 (04091620)    111.24854 (04091620)
 4417500.0 |     17.00683 (04122912)    196.78171 (04082920)
45.88831 (04101918)    126.71537 (04082920)    125.12436 (04062002)
 4417000.0 |     12.52598 (04122912)    104.31995 (04060205)
86.76685 (04060205)    115.79070 (04022223)    112.45764 (04091006)
 4416500.0 |    137.13798 (04110217)    143.00215 (04112024)
139.16307 (04050301)    114.99891 (04050301)     78.38813 (04122921)
 4416000.0 |     26.49130 (04060521)    107.44832 (04083122)
119.22150 (04061002)    110.04290 (04101022)    121.90940 (04101022)
 4415500.0 |      9.35806 (04111509)     14.90489 (04060521)
81.70749 (04021103)    111.85150 (04022918)    109.80698 (04102102)
 4415000.0 |      7.30846 (04111509)      8.46073 (04111509)
8.96764 (04111509)     27.67091 (04060521)     72.14711 (04060521)
 4414500.0 |      8.34461 (04051524)      6.70427 (04111509)
7.49688 (04111509)      7.90276 (04122713)      8.64160 (04122713)
 4414000.0 |      8.53826 (04051524)      7.05623 (04051524)
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6.61187 (04122713) 7.35988 (04122713) 7.87928 (04122713)
 4413500.0 | 7.70551 (04100219) 7.48247 (04051524)
6.46532 (04122713) 7.05043 (04122713) 7.41872 (04122713)
 4413000.0 | 6.74792 (04122713) 6.74143 (04100220)
6.53397 (04100220) 6.78819 (04122713) 7.07618 (04122713)
 4412500.0 | 7.35782 (04122713) 6.61895 (04122713)
6.43269 (04122713) 6.63073 (04122713) 6.76229 (04122713)
 4412000.0 | 7.91940 (04122713) 6.95116 (04122713)
6.58330 (04122713) 6.58449 (04122713) 6.67909 (04122713)
 4411500.0 | 8.44904 (04122713) 7.34583 (04122713)
6.78186 (04122713) 6.53812 (04122713) 6.52774 (04122713)
 4411000.0 | 8.92082 (04122713) 7.72278 (04122713)
7.00281 (04122713) 6.60378 (04122713) 6.51985 (04122713)
 4410500.0 | 9.17257 (04122713) 8.06034 (04122713)
7.24934 (04122713) 6.71178 (04122713) 6.36998 (04122713)
 4410000.0 | 9.41657 (04122713) 8.32907 (04122713)
7.46272 (04122713) 6.86663 (04122713) 6.42334 (04122713)
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/24/11
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 *** 19:46:59

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 **MODELOPTs: RegDFAULT CONC
  ELEV

 *** THE 1ST HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
 INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	540500.00	541000.00	541500.00	542000.00	542500.00
4425000.0	15.17420 (04012111)	12.85554 (04012111)	21.07096 (04071322)	79.89284 (04071320)	61.16586 (04101020)
4424500.0	14.83922 (04021302)	12.58321 (04012220)	54.61232 (04101020)	55.74983 (04071322)	64.16031 (04101722)
4424000.0	17.11700 (04020914)	39.27210 (04071322)	57.01462 (04093019)	75.43718 (04093019)	65.44573 (04072820)
4423500.0	19.01150 (04051408)	41.30217 (04093019)	53.53789 (04093019)	57.72391 (04072820)	67.64890 (04080420)
4423000.0	20.87543 (04101118)	26.72956 (04101118)	33.52913 (04050620)	25.90733 (04071320)	16.56215 (04032022)
4422500.0	12.93270 (04042313)	18.68285 (04050620)	11.53696 (04071320)	10.62313 (04093018)	39.30968 (04093018)
4422000.0	12.53161 (04040218)	10.75104 (04040323)	9.25204 (04122612)	35.88433 (04093018)	40.16635 (04111819)
4421500.0	11.07970 (04090923)	9.95082 (04100219)	24.96890 (04093018)	28.83799 (04071321)	43.91409 (04050919)
4421000.0	10.43158 (04010410)	12.19760 (04093018)	34.93883 (04071321)	76.86876 (04100103)	50.69775 (04032120)

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 4420500.0 |     12.14533 (04010410)     30.60195 (04071323)
74.81372 (04050820)    142.14162 (04072802)    110.57791 (04102417)
 4420000.0 |     33.87996 (04051101)     93.06036 (04071323)
81.19653 (04050820)    100.80171 (04042705)     99.08714 (04071324)
 4419500.0 |     60.98538 (04101119)     99.31100 (04032023)
99.71530 (04100105)     90.15488 (04093024)     87.30024 (04093024)
 4419000.0 |     77.91070 (04050701)     86.00104 (04110917)
78.22510 (04010603)     73.54989 (04032102)     57.13989 (04011318)
 4418500.0 |     47.18041 (04110917)     50.31565 (04030118)
72.67874 (04093024)     66.09662 (04053122)     38.14674 (04101723)
 4418000.0 |    112.50352 (04091620)     90.21350 (04030118)
85.43578 (04101723)     84.33935 (04110903)     56.38271 (04122008)
 4417500.0 |    101.11899 (04050920)    109.15545 (04092522)
86.19470 (04101801)     81.50185 (04101801)     79.37082 (04101801)
 4417000.0 |    111.59942 (04091006)     85.69879 (04120502)
100.65420 (04050921)     80.21463 (04022006)     90.49509 (04050921)
 4416500.0 |     75.43553 (04091006)     74.72515 (04091006)
77.56129 (04091006)     69.97614 (04091006)     74.93163 (04091006)
 4416000.0 |    102.92370 (04101022)     75.43647 (04082904)
67.00978 (04050301)     42.82034 (04050301)     68.94492 (04092122)
 4415500.0 |     89.61248 (04102102)     98.40470 (04101021)
94.61147 (04071301)     87.42609 (04050301)     69.15438 (04122921)
 4415000.0 |     79.12102 (04060521)     71.34311 (04083122)
99.76730 (04092019)     78.94206 (04101022)     87.18427 (04101022)
 4414500.0 |      9.00321 (04060521)     33.69622 (04060521)
62.93900 (04022918)     74.00275 (04061002)     64.29293 (04010623)
 4414000.0 |      7.94194 (04122713)      8.09015 (04122713)
23.25025 (04060521)     60.77268 (04060521)     78.40789 (04060521)
 4413500.0 |      7.59981 (04122713)      7.50518 (04122713)
7.09992 (04122713)      8.16094 (04060521)     21.78853 (04060521)
 4413000.0 |      7.21195 (04122713)      7.07511 (04122713)
6.76754 (04122713)      6.20214 (04122713)      5.98850 (04122914)
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 4412500.0 | 7.11209 (04122713)   6.94984 (04122713)
6.43890 (04122713)   5.90985 (04122713)   5.30266 (04122713)
 4412000.0 | 6.78690 (04122713)   6.67142 (04122713)
6.16328 (04122713)   5.77459 (04122713)   5.16716 (04122713)
 4411500.0 | 6.66618 (04122713)   10.72126 (04061723)
5.99858 (04122713)   5.70755 (04122713)   5.06219 (04122713)
 4411000.0 | 6.37892 (04122713)   6.17346 (04122713)
5.81673 (04122713)   5.59558 (04122713)   4.95884 (04122713)
 4410500.0 | 6.15442 (04122713)   5.92327 (04122713)
5.76615 (04122713)   5.40617 (04122713)   4.86081 (04122713)
 4410000.0 | 6.11315 (04122713)   5.89612 (04122713)
5.70071 (04122713)   5.27398 (04122713)   4.78897 (04122713)

 **MODELOPTs: RegDFAULT CONC
  ELEV

                                  *** THE   1ST HIGHEST 1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 3ALT-KUM ***
                                       INCLUDING SOURCE(S):   BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

                                       *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

                                            ** CONC OF NOX   IN

MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 543000.00
4425000.0	61.34703 (04071322)
4424500.0	64.14485 (04101120)
4424000.0	60.31790 (04080420)
4423500.0	33.04336 (04071320)
4423000.0	53.81200 (04081420)
4422500.0	8.54690 (04010410)
4422000.0	62.50760 (04082402)
4421500.0	56.18454 (04060521)
4421000.0	46.58081 (04072804)
4420500.0	61.04227 (04072804)
4420000.0	87.32023 (04102417)
4419500.0	84.42401 (04093024)
4419000.0	92.95830 (04042502)
4418500.0	58.87227 (04072803)
4418000.0	56.67564 (04120501)
4417500.0	83.20761 (04092522)
4417000.0	82.26787 (04091006)
4416500.0	72.67192 (04091006)
4416000.0	54.22398 (04060824)
4415500.0	61.42685 (04110903)
4415000.0	77.12671 (04101022)
4414500.0	79.26311 (04061002)
4414000.0	65.38740 (04022918)
4413500.0	53.60573 (04060521)

4413000.0 | 6.13058 (04060521)
4412500.0 | 5.45547 (04122914)
4412000.0 | 4.75265 (04122914)
4411500.0 | 4.37911 (04122713)
4411000.0 | 4.34403 (04122713)
4410500.0 | 4.27603 (04122713)
4410000.0 | 4.21569 (04122713)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
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**MODELOPTs: RegDFAULT CONC
 ELEV

                               *** THE   1ST HIGHEST 1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 3ALT-KUM ***
                                  INCLUDING SOURCE(S):   BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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        537268.00   4419321.00       13.17990  (04012220)
533288.00   4420664.00       10.42869  (04011211)
        530873.00   4418253.00        9.73837  (04030409)
532253.00   4419045.00       10.65574  (04122810)
        534268.00   4421987.00       11.62838  (04010112)
536366.00   4419557.00       15.52620  (04042719)
        534987.00   4418091.00       24.50374  (04051813)
530614.00   4415312.00       15.24511  (04011915)
        538946.00   4413223.00        6.58885  (04051524)
541693.00   4411996.00        6.01671  (04122713)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/24/11
                                  ***
                                  ***        19:46:59

                                             PAGE  55
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                *** THE   1ST HIGHEST  8-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  1ALT     ***
                                  INCLUDING SOURCE(S):      BACA1A   ,
BACA1B   ,

                                   *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN
MICROGRAMS/M**3                          **
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Y-COORD (METERS)	X-COORD (METERS)		
	528000.00	528500.00	529000.00
	529500.00	530000.00	
4425000.0	18.22070c(04122024)	25.17690c(04122024)	30.57403c(04122024)
	32.45141c(04122024)	25.68777c(04122024)	
4424500.0	18.98184c(04122024)	25.03902c(04122024)	24.33859c(04122024)
	28.11993c(04120408)	31.79413c(04120408)	
4424000.0	10.43354c(04122024)	18.38185c(04122024)	16.26114c(04122024)
	18.86951c(04120408)	28.40921c(04120408)	
4423500.0	3.51468c(04122024)	6.31086c(04122024)	14.26990 (04040824)
	22.45738 (04040824)	23.71788 (04071908)	
4423000.0	1.54701 (04011216)	1.65248 (04011216)	4.51839 (04040824)
	15.88673 (04040824)	14.97629 (04040824)	
4422500.0	1.62511 (04011216)	1.76102 (04011216)	1.75898 (04011216)
	3.11955 (04040824)	5.52250 (04040824)	
4422000.0	1.60340 (04011216)	1.76497 (04011216)	1.85342 (04011216)
	1.98989 (04011216)	2.19270 (04011216)	
4421500.0	1.53073 (04011216)	1.66893 (04011216)	1.81661 (04011216)
	1.96801 (04011216)	2.11605 (04011216)	
4421000.0	1.57786 (04013116)	1.55522 (04013116)	1.68005 (04011216)
	1.82240 (04011216)	1.96705 (04011216)	
4420500.0	1.80803 (04012616)	1.75396 (04012616)	1.70542 (04013116)
	1.67267 (04013116)	1.80073 (04011216)	
4420000.0	2.21565 (04012616)	2.19056 (04012616)	2.14319 (04012616)
	2.07226 (04012616)	1.97109 (04012616)	
4419500.0	2.64740 (04012616)	2.65846 (04012616)	2.65276 (04012616)
	2.62651 (04012616)	2.57170 (04012616)	

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 4419000.0 |      3.06118 (04012616)      3.11485 (04012616)
3.16146 (04012616)      3.19261 (04012616)      3.20598 (04012616)
 4418500.0 |      3.40635 (04012616)      3.50455 (04012616)
3.59994 (04012616)      3.69956 (04012616)      3.78298 (04012616)
 4418000.0 |      3.63300 (04012616)      3.76254 (04012616)
3.90002 (04012616)      4.04135 (04012616)      4.18789 (04012616)
 4417500.0 |      3.69754 (04012616)      3.84038 (04012616)
3.99513 (04012616)      4.15867 (04012616)      4.32178 (04012616)
 4417000.0 |      3.59700 (04012616)      3.72704 (04012616)
3.86396 (04012616)      4.00538 (04012616)      4.14701 (04012616)
 4416500.0 |      3.33231 (04012616)      3.42664 (04012616)
3.52159 (04012616)      3.61144 (04012616)      3.68953 (04012616)
 4416000.0 |      2.94848 (04012616)      2.99331 (04012616)
3.08556 (04011916)      3.22119 (04011916)      3.35673 (04011916)
 4415500.0 |      3.16224 (04011916)     31.28551 (04123108)
3.39938 (04011916)      3.46169 (04011916)      3.49447 (04011916)
 4415000.0 |     26.05956 (04102624)      7.89060 (04121624)
7.73987 (04121624)      3.17696 (04011916)      2.96285 (04011016)
 4414500.0 |     22.39077 (04092808)     48.92194 (04030824)
36.62513 (04020408)     10.77535 (04092808)      3.92874 (04122716)
 4414000.0 |     27.92858 (04030824)     21.74613c(04121908)
8.77127 (04020408)      4.27780 (04122716)      4.88019 (04122716)
 4413500.0 |     10.87138 (04020408)     10.81413 (04092208)
14.24430 (04092108)     17.60796 (04092108)      5.47690 (04122716)
 4413000.0 |     14.52766 (04092208)     25.27817 (04102208)
36.85860 (04092924)     23.96125 (04092624)      5.63762 (04122716)
 4412500.0 |     27.18472 (04121008)     31.26857 (04092108)
36.57691 (04092624)      5.46318 (04122716)      5.44373 (04122716)
 4412000.0 |     34.43782 (04111308)     10.08395 (04092624)
8.73849 (04092724)      5.23304 (04122716)      8.70697 (04092724)
 4411500.0 |     40.07121c(04110108)      4.98430 (04122716)
4.97166 (04122716)      4.77162 (04122716)      8.76014 (04093008)
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 4411000.0 | 45.07508 (04102508)   5.04367 (04092724)
20.81282 (04042524)   11.25416 (04093008)   3.68864c(04110108)
 4410500.0 | 4.52572 (04122716)   7.52921 (04092724)
10.42546 (04093008)   11.96960c(04110108)   6.92283c(04110108)
 4410000.0 | 6.14649 (04092724)   14.76921 (04031208)
11.42203c(04110108)   4.67522 (04031208)   3.98823 (04111208)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
                                  ***
                                  ***   19:46:59

                                             PAGE 56
 **MODELOPTs: RegDFAULT CONC
  ELEV

                               *** THE   1ST HIGHEST 8-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 1ALT   ***
                                  INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   ,

                                   *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD
(METERS)
  (METERS) | 530500.00   531000.00
531500.00   532000.00   532500.00

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4.66219 (04012616)     17.40644 (04071124)     19.20499 (04121224)
 4417500.0 |       4.50720 (04012616)       4.74515 (04012616)
19.94382 (04110608)    147.43391 (04110608)    124.59824 (04110608)
 4417000.0 |       4.29264 (04012616)       4.46561 (04012616)
24.10055 (04012608)     21.04388 (04082108)     50.45371 (04030208)
 4416500.0 |       3.74623 (04012616)       5.02570 (04070224)
60.99537 (04123108)     92.08665 (04123108)     99.00772 (04030208)
 4416000.0 |       3.55438 (04011916)       3.42083 (04011916)
89.81501 (04092808)     70.77811 (04020408)     78.09781c(04121908)
 4415500.0 |       3.39605 (04011916)      10.72308 (04092808)
36.18502 (04020408)     48.71670 (04121008)     69.17370 (04121008)
 4415000.0 |       3.39450 (04122716)       4.00909 (04122716)
39.39783 (04092108)     65.75570 (04121008)     75.89268 (04031208)
 4414500.0 |       4.55911 (04122716)       7.67463 (04092108)
81.38082 (04092924)     74.16837 (04031208)     48.68572 (04031208)
 4414000.0 |       5.37709 (04122716)      14.41703 (04092624)
83.94740 (04102508)     46.84452 (04031208)     23.60205 (04031208)
 4413500.0 |       5.71466 (04122716)      47.04387 (04092724)
39.12796 (04093008)     23.70334 (04031208)     14.92972 (04111208)
 4413000.0 |      16.49080 (04092724)      35.01774 (04031208)
20.61026 (04031208)      9.42852c(04110108)     15.19728 (04111208)
 4412500.0 |      26.60027 (04093008)      14.80104 (04031208)
12.33075c(04110108)      8.26141 (04111208)     10.53562 (04111208)
 4412000.0 |      14.42380 (04031208)      12.48279c(04110108)
9.70782 (04111208)     17.50702 (04111208)     17.98704 (04123124)
 4411500.0 |      10.14961c(04110108)       5.45603c(04110108)
10.37398 (04111208)     12.92965 (04111208)     10.10782 (04123124)
 4411000.0 |       6.68432c(04110108)       5.82056 (04111208)
9.07386 (04111208)     19.76730 (04123124)      5.97093 (04061408)
 4410500.0 |       6.32292 (04111208)      10.08797 (04111208)
10.16836 (04111208)      9.64713 (04123124)     48.41142 (04123124)
 4410000.0 |       8.51500 (04111208)      11.77407 (04111208)
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12.01301 (04123124) 18.08407 (04123124) 28.88161 (04123124)
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/24/11
 ***
 *** 19:46:59

 **MODELOPTs: RegDFAULT CONC
  ELEV

*** THE 1ST HIGHEST 8-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B ,

*** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	533000.00	533500.00	534000.00	534500.00	535000.00
4425000.0	40.81594 (04012708)	24.23050 (04040608)	4.14285 (04040608)	2.18562 (04011116)	8.76082 (04021908)

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 4424500.0 |     40.53964 (04012708)     16.07460 (04040608)
2.12961 (04011516)       2.29742 (04011116)       2.71348 (04021908)
 4424000.0 |     39.68880 (04011824)     23.26740 (04011824)
2.15949 (04011516)       2.40628 (04011116)       2.58009 (04011116)
 4423500.0 |     73.65341 (04011824)     15.23765 (04102924)
2.15490 (04011516)       2.50556 (04011116)       2.71095 (04011116)
 4423000.0 |     47.57809 (04011824)     16.88766 (04011824)
2.21506 (04011816)       2.61296 (04011116)       2.86205 (04011116)
 4422500.0 |     11.16611 (04011908)      2.79524 (04011816)
2.40943 (04011816)       2.73123 (04011116)       3.03275 (04011116)
 4422000.0 |      3.14229 (04011816)      3.05639 (04011816)
2.67424 (04011816)       2.86378 (04011116)       3.23623 (04011116)
 4421500.0 |      3.28201 (04011816)      3.28049 (04011816)
2.96573 (04011816)       2.99903 (04011116)       3.41020 (04011116)
 4421000.0 |      3.36638 (04011816)      3.49255 (04011816)
3.26847 (04011816)       3.09001 (04011116)       3.64962 (04011116)
 4420500.0 |      3.27179 (04011816)      3.64206 (04011816)
3.59510 (04011816)       3.09699 (04022316)       4.24052 (04112016)
 4420000.0 |      2.98579 (04011816)      3.54306 (04011816)
3.85272 (04011816)       3.54474 (04020216)       5.41300 (04041416)
 4419500.0 |      2.85583 (04011216)      3.14229 (04011216)
3.81963 (04011816)       4.63842 (04020216)       6.77828 (04041416)
 4419000.0 |      2.87866 (04011216)      6.35803 (04040824)
3.85172 (04020316)      11.74882 (04011908)       9.06168 (04040616)
 4418500.0 |     75.98527 (04012424)     14.04733 (04031008)
4.18096 (04040824)       5.67283 (04020316)      12.16369 (04040616)
 4418000.0 |     35.17880 (04082208)     53.64260 (04031008)
29.47501 (04012424)       5.12970 (04061316)      10.28797 (04041016)
 4417500.0 |    110.37592 (04042008)    178.68018 (04110608)
338.49582 (04110608)      75.08368 (04112908)      10.88680 (04091516)
 4417000.0 |     93.92036 (04030208)    138.66094 (04123108)
56.36110 (04121624)      72.27644 (04092108)      26.85480 (04070416)
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 4416500.0 |    109.79496c(04121908)     63.60218c(04121908)
58.59824 (04092624)     10.88756 (04070616)     17.53850 (04070816)
 4416000.0 |     72.87510 (04102208)    131.32328 (04092624)
7.14806 (04090624)      9.57007 (04070524)      9.75448 (04071516)
 4415500.0 |    102.04730 (04031208)     27.53407 (04093008)
4.94169 (04070524)      8.79370 (04073024)      6.68673 (04071516)
 4415000.0 |     48.63450 (04093008)      3.19327 (04122716)
6.80649 (04070908)      9.08632 (04073024)      5.43201 (04090524)
 4414500.0 |      5.58316 (04092208)      4.02651 (04070908)
7.31828 (04090724)      8.04099 (04073024)      5.22787 (04090524)
 4414000.0 |     12.72651 (04111208)     38.97958 (04123124)
7.14307 (04073024)      6.18371 (04073024)      4.96166 (04090524)
 4413500.0 |     29.70754 (04111208)     85.37686 (04123124)
6.92525 (04073024)      4.75233 (04073024)      4.69100 (04090524)
 4413000.0 |     21.01924 (04123124)     27.50747 (04073008)
7.71881 (04081908)      3.69445 (04073024)      4.42264 (04090524)
 4412500.0 |     12.47430 (04123124)      5.36347 (04073024)
5.13093 (04073024)      3.12791 (04090524)      4.20099 (04090524)
 4412000.0 |     10.64687 (04061408)      4.91881 (04073024)
4.08654 (04073024)      3.12126 (04090524)      3.86711 (04090524)
 4411500.0 |      8.75981 (04073008)      4.46800 (04073024)
3.49831 (04073024)      8.92065 (04090524)      4.13901 (04090524)
 4411000.0 |      8.08873 (04073008)      5.72829 (04081908)
9.26396 (04111024)      9.93066 (04090524)      4.48592 (04090524)
 4410500.0 |     24.47378 (04102608)     27.51257 (04111024)
12.89374 (04091508)      9.60918 (04090524)     10.48896 (04120724)
 4410000.0 |     42.00695 (04102608)     25.82061 (04111108)
6.79474 (04091508)      9.88440 (04090124)     21.30219 (04120724)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/24/11
                                   ***
                                   ***        19:46:59
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	535500.00	536000.00	536500.00	537000.00	537500.00
4425000.0	2.36859 (04011116)	2.39688 (04120716)	2.65936 (04120716)	3.10873 (04122616)	5.04334 (04040724)
4424500.0	2.47876 (04011116)	2.46529 (04120716)	2.73716 (04120716)	2.98465 (04122616)	3.97029 (04122616)
4424000.0	2.60618 (04011116)	2.50576 (04011116)	2.72118 (04120716)	3.13099 (04021524)	3.97580 (04021524)
4423500.0	2.74143 (04011116)	2.61949 (04011116)			

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2.79233 (04120716)      3.71469 (04021524)      4.49327 (04021524)
 4423000.0 |       2.89883 (04011116)      2.69362 (04011116)
3.07561 (04021524)      4.54258 (04021524)      4.90575 (04021524)
 4422500.0 |       3.03346 (04011116)      2.86531 (04011116)
3.96531 (04021524)      5.26711 (04021524)      5.07386 (04021524)
 4422000.0 |       3.20851 (04011116)      2.98056 (04011116)
4.70986 (04021524)      5.99811 (04021524)      4.80537 (04021524)
 4421500.0 |       3.44081 (04011116)      3.29659 (04021308)
5.87240 (04021524)      6.28634 (04021524)      4.01761 (04021524)
 4421000.0 |       3.84928 (04112016)      4.76412 (04021308)
7.01954 (04021524)      5.89190 (04021524)      2.97304 (04021308)
 4420500.0 |       4.89894 (04112016)      6.68106 (04021308)
7.85785 (04021524)      5.12788 (04021308)      2.59240 (04010216)
 4420000.0 |       6.11796 (04112016)     10.08202 (04021308)
8.66638 (04021308)      3.95338 (04021308)      3.15131 (04012224)
 4419500.0 |       8.62767 (04071408)     14.95443 (04021308)
7.98825 (04021308)      3.90968 (04012916)      5.72436 (04012224)
 4419000.0 |      10.00357 (04040816)     16.64432 (04021308)
5.30957 (04032816)      7.20005 (04012224)      6.35706 (04012224)
 4418500.0 |      17.73083 (04021308)      9.02877 (04050516)
8.96587 (04012916)      6.05336 (04052516)      5.41543 (04052516)
 4418000.0 |      14.10099 (04022616)     14.04364 (04012916)
13.92023 (04052516)      9.18906 (04052516)      6.03815 (04041424)
 4417500.0 |       4.37209c(04102616)     14.92712 (04021016)
11.99522 (04021016)      8.43579 (04021016)      6.07903 (04021016)
 4417000.0 |       9.58241 (04022216)     10.04914 (04081216)
7.82904 (04081216)      4.87840 (04012316)      3.98943 (04021016)
 4416500.0 |      12.31323 (04112616)     13.29493 (04042316)
7.86352 (04042316)      3.88039 (04081216)     11.35692 (04092024)
 4416000.0 |       7.37453 (04112616)      9.07467 (04041608)
8.66834 (04042316)      5.50398 (04042316)      2.34600 (04042316)
 4415500.0 |       4.74522 (04071516)      9.36794 (04041608)
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5.09787 (04042316)      5.81223 (04042316)      4.01529 (04042316)
 4415000.0 |      3.86661 (04090524)      7.76454 (04090924)
7.23541 (04041608)      4.16018 (04042316)      4.18172 (04042316)
 4414500.0 |      3.83786 (04090524)      6.13737 (04090924)
7.29454 (04041608)      4.35530 (04041608)      3.34480 (04042316)
 4414000.0 |      3.68942 (04090524)      4.65645 (04090924)
6.54055 (04090924)      5.30892 (04041608)      2.33630 (04040324)
 4413500.0 |      3.56955 (04090524)      3.76628 (04090924)
5.76348 (04090924)      5.48399 (04041608)      3.29552 (04041608)
 4413000.0 |      3.37030 (04090524)      5.29482 (04110824)
4.76268 (04090924)      5.19566 (04090924)      3.99096 (04041608)
 4412500.0 |      3.13883 (04090524)      2.38807 (04090924)
3.96243 (04090924)      4.72061 (04090924)      4.08663 (04041608)
 4412000.0 |      2.95145 (04090524)      1.85056 (04122716)
3.31973 (04090924)      4.24351 (04090924)      3.96693 (04090924)
 4411500.0 |      2.75470 (04090524)      1.78818 (04122716)
2.77078 (04090924)      3.67021 (04090924)      3.83970 (04090924)
 4411000.0 |     18.19242 (04120724)      1.71507 (04122716)
2.18334 (04090924)      3.33162 (04090924)      3.59168 (04090924)
 4410500.0 |      3.49377 (04120724)      1.64597 (04122716)
1.81979 (04090924)      2.87910 (04090924)      3.37053 (04090924)
 4410000.0 |      6.09927 (04120724)      1.57842 (04122716)
1.54183 (04090924)      2.48632 (04090924)      3.11524 (04090924)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***         10/24/11
                                   ***
                                   ***        19:46:59

                                                PAGE  59
 **MODELOPTs:  RegDFAULT CONC
  ELEV
```

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	538000.00	538500.00	539000.00
4425000.0	3.73860 (04122616)	4.34780 (04122616)	4.00775 (04122616)
4424500.0	6.74766 (04022608)	3.75567 (04122616)	3.41030 (04122616)
4424000.0	8.11989 (04022608)	3.47273 (04122616)	3.09987 (04122616)
4423500.0	12.60398 (04111924)	10.55419 (04111924)	2.78903 (04122616)
4423000.0	8.35541 (04111924)	2.93543 (04122616)	2.52284 (04122616)
4422500.0	3.39713 (04021524)	2.64983 (04122616)	2.34830 (04122616)
	2.18332 (04010216)	2.37092 (04010416)	

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 4422000.0 |      2.61225 (04021524)      2.30901 (04010216)
2.34498 (04010216)      2.51025 (04010416)      2.82749 (04010416)
 4421500.0 |      2.41318 (04010216)      2.46047 (04010216)
2.66453 (04010416)      3.04315 (04010416)      3.29967 (04010416)
 4421000.0 |      2.55179 (04010216)      2.75241 (04010416)
3.22921 (04010416)      3.55123 (04010416)      3.71604 (04010416)
 4420500.0 |      2.81947 (04010416)      3.77588 (04012224)
4.14066 (04012224)      4.01485 (04010416)      4.06114 (04010416)
 4420000.0 |      4.61189 (04012224)      4.82595 (04012224)
4.29935 (04010416)      4.31497 (04010416)      4.24529 (04010416)
 4419500.0 |      5.89988 (04012224)      4.52731 (04010416)
4.55435 (04010416)      8.85901 (04021124)      7.02745 (04021124)
 4419000.0 |      4.62342 (04010416)      6.18222 (04021124)
5.86006 (04082908)     11.26778 (04082908)     19.55662 (04022624)
 4418500.0 |      4.50180 (04041424)      4.96866 (04041424)
4.85895 (04041424)     13.71688 (04022624)      9.58456 (04022624)
 4418000.0 |      4.55258 (04041424)      3.65131 (04041424)
2.93479 (04122916)     12.10549 (04061924)     19.89361 (04061924)
 4417500.0 |      4.56863 (04021016)     45.75678 (04062008)
11.28465 (04062008)     29.70074 (04062008)     30.56841 (04092524)
 4417000.0 |      3.35597 (04021016)     19.01041 (04091008)
14.77044 (04122608)     24.08878 (04091008)     27.08981 (04022008)
 4416500.0 |     27.06356 (04082408)     30.39184 (04082908)
21.89840 (04050608)     16.18439 (04050608)     13.06063 (04022008)
 4416000.0 |      3.44208 (04060524)     21.14286 (04092024)
21.01978 (04101024)     22.72705 (04101024)     20.35577 (04050608)
 4415500.0 |      2.16904 (04042316)      1.97406 (04060524)
10.35058 (04021108)     14.31882 (04092024)     25.90124 (04092024)
 4415000.0 |      3.09247 (04042316)      1.90827 (04042316)
1.35231 (04122916)      3.54021 (04060524)      9.08889 (04060524)
 4414500.0 |      3.20366 (04042316)      2.48584 (04042316)
1.68506 (04042316)      1.19932 (04122916)      1.27171 (04122916)
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 4414000.0 | 2.74435 (04042316)   2.57575 (04042316)
2.07166 (04042316)   1.50132 (04042316)   1.06772 (04122916)
 4413500.0 | 2.09802 (04042316)   2.38444 (04051524)
2.14860 (04042316)   1.77682 (04042316)   1.35256 (04042316)
 4413000.0 | 2.08993 (04041608)   2.36643 (04112208)
2.29910 (04112208)   1.84357 (04042316)   1.56014 (04042316)
 4412500.0 | 2.77126 (04041608)   1.56909 (04112208)
2.14545 (04112208)   2.15523 (04112208)   1.61846 (04042316)
 4412000.0 | 3.11761 (04041608)   1.98894 (04041608)
1.77060 (04112208)   2.21632 (04112208)   2.09078 (04112208)
 4411500.0 | 3.12837 (04041608)   2.32410 (04041608)
1.40441 (04041608)   1.92003 (04112208)   2.19222 (04112208)
 4411000.0 | 3.22015 (04090924)   2.46344 (04041608)
1.71941 (04041608)   1.54037 (04112208)   2.03966 (04112208)
 4410500.0 | 3.21280 (04090924)   2.58265 (04090924)
1.91926 (04041608)   1.34104 (04041608)   1.71767 (04112208)
 4410000.0 | 3.14132 (04090924)   2.65997 (04090924)
2.03246 (04041608)   1.50179 (04041608)   1.36547 (04112208)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
                                  ***
                                  ***   19:46:59

                                             PAGE 60
 **MODELOPTs: RegDFAULT CONC
  ELEV

                               *** THE   1ST HIGHEST 8-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 1ALT   ***
                                  INCLUDING SOURCE(S):   BACA1A ,

BACA1B ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)					
	540500.00	541000.00	541500.00	542000.00	542500.00	
4425000.0	2.42930 (04122616)	2.08706 (04122616)	3.11569 (04071324)	16.37574c(04011208)	16.38246 (04010408)	
4424500.0	2.23322 (04122616)	1.97272 (04122616)	11.55638c(04011208)	17.72063 (04010408)	23.86371 (04010408)	
4424000.0	2.07375 (04122616)	7.51683 (04093024)	12.68757 (04010408)	18.19800 (04021108)	15.43231 (04120124)	
4423500.0	4.43498 (04093024)	7.69583 (04101124)	11.78294 (04101124)	14.25584 (04050624)	13.60036 (04120124)	
4423000.0	3.80274 (04101124)	5.41248 (04050624)	8.68073 (04050624)	6.34215 (04032024)	4.58388 (04032024)	
4422500.0	2.63714 (04010416)	5.14828 (04050624)	3.71690 (04020808)	3.43294 (04020808)	7.87229 (04010808)	
4422000.0	3.13730 (04082824)	3.53255 (04020808)	3.25447 (04010416)	6.97011 (04010808)	9.78507 (04010808)	
4421500.0	3.45580 (04082824)	3.49907 (04010416)	4.73746 (04010808)	5.97390 (04010808)	15.60151c(04100108)	
4421000.0	3.76923 (04010416)	3.73548 (04010416)				

```
9.38824c(04100108)     36.52264c(04100108)     22.48256c(04122008)
 4420500.0 |       3.99431 (04010416)       5.84635 (04071324)
38.82860c(04100108)     32.92427c(04122008)     27.55605c(04122008)
 4420000.0 |       7.26752 (04021124)      23.11251 (04021124)
51.32625c(04100108)     33.49077c(04122008)     41.78384c(04100108)
 4419500.0 |      11.88460 (04082908)      25.96026 (04040524)
59.94331c(04100108)     50.35239c(04100108)     43.11298c(04100108)
 4419000.0 |      26.02001 (04022624)      23.86187 (04022624)
29.31399c(04100108)     27.22077c(04122008)     21.59478c(04122008)
 4418500.0 |       9.08570c(04100108)      13.72256c(04100108)
22.91184c(04100108)     12.13435c(04122008)     12.96220c(04122008)
 4418000.0 |      19.68220 (04061924)      16.17127 (04101724)
19.19720 (04101724)     14.26618 (04101724)     11.17712 (04120508)
 4417500.0 |      27.33126 (04022008)      25.07899 (04022008)
22.13264 (04022008)     20.79434 (04022008)     19.86170 (04022008)
 4417000.0 |      25.48973 (04022008)      21.58206 (04022008)
22.84893 (04050924)     21.03762 (04022008)     20.55110 (04050924)
 4416500.0 |      13.61678 (04022008)      15.38058 (04022008)
15.10745 (04022008)     14.94440 (04050924)     15.02984 (04050924)
 4416000.0 |      15.67167 (04050608)      12.61239 (04082908)
9.03809 (04101024)       5.88832 (04101024)       7.95356 (04022008)
 4415500.0 |      19.10832 (04092024)      18.22816 (04082908)
21.64529 (04082908)     14.71660 (04050608)     11.42297 (04050608)
 4415000.0 |      12.66472 (04092024)      15.46615 (04092024)
24.77932 (04092024)     14.50990 (04101024)     14.60215 (04050608)
 4414500.0 |       1.35802 (04122916)       4.26079 (04060524)
8.16020 (04022924)       9.62680 (04050608)     11.67730 (04092024)
 4414000.0 |       1.15099 (04122916)       1.20149 (04122916)
2.95524 (04060524)       7.64449 (04060524)       9.84601 (04060524)
 4413500.0 |       0.97315 (04042316)       1.02204 (04122916)
1.08332 (04122916)       1.12998 (04122916)       2.76509 (04060524)
 4413000.0 |       1.23298 (04042316)       0.92803 (04042316)
```

0.91747 (04122916) 0.97495 (04122916) 1.02672 (04122916)
 4412500.0 | 1.39869 (04042316) 1.13491 (04042316)
0.88562 (04042316) 0.83117 (04122916) 0.88278 (04122916)
 4412000.0 | 1.59246 (04051524) 1.27144 (04042316)
1.05828 (04042316) 0.84636 (04042316) 0.75347 (04122916)
 4411500.0 | 2.10734 (04112208) 1.62093 (04051524)
1.16982 (04042316) 0.99091 (04042316) 0.81215 (04042316)
 4411000.0 | 2.17268 (04112208) 1.90365 (04112208)
1.42853 (04112208) 1.08899 (04042316) 0.93670 (04042316)
 4410500.0 | 2.05672 (04112208) 2.08154 (04112208)
1.82332 (04112208) 1.37028 (04112208) 1.02041 (04042316)
 4410000.0 | 1.82545 (04112208) 2.05357 (04112208)
2.05734 (04112208) 1.73915 (04112208) 1.32616 (04112208)

 **MODELOPTs: RegDFAULT CONC
  ELEV

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 543000.00
4425000.0	26.05128 (04010408)
4424500.0	19.88854 (04010408)
4424000.0	12.19875 (04120124)
4423500.0	8.40470 (04032024)
4423000.0	11.80576 (04010808)
4422500.0	3.03351 (04010416)
4422000.0	19.10887c(04100108)
4421500.0	18.67954c(04122008)
4421000.0	13.19229c(04122008)
4420500.0	26.07887c(04122008)
4420000.0	34.83840c(04122008)
4419500.0	38.17563c(04100108)
4419000.0	17.18453c(04122008)
4418500.0	8.08274c(04122008)
4418000.0	12.53458 (04101724)
4417500.0	19.80899 (04022008)
4417000.0	19.88293 (04022008)
4416500.0	15.33535 (04022008)
4416000.0	6.32665 (04022008)
4415500.0	8.59238 (04050608)
4415000.0	14.03672 (04050608)
4414500.0	13.22612 (04050608)
4414000.0	11.03326 (04092024)

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 4413500.0 |      6.74365 (04060524)
 4413000.0 |      1.06577 (04122916)
 4412500.0 |      0.93419 (04122916)
 4412000.0 |      0.80574 (04122916)
 4411500.0 |      0.69238 (04122916)
 4411000.0 |      0.78304 (04042316)
 4410500.0 |      0.89051 (04042316)
 4410000.0 |      1.01598 (04112224)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/24/11
                                   ***
                                   ***        19:46:59

                                              PAGE  62
 **MODELOPTs:  RegDFAULT CONC
  ELEV



                                *** THE   1ST HIGHEST  8-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  1ALT     ***
                                  INCLUDING SOURCE(S):      BACA1A   ,
BACA1B   ,

                                       *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        537268.00   4419321.00        6.02263  (04012224)
533288.00   4420664.00        3.51394  (04011816)
        530873.00   4418253.00        4.20901  (04012616)
532253.00   4419045.00        2.48545  (04012616)
        534268.00   4421987.00        2.59611  (04011116)
536366.00   4419557.00       10.56264  (04021308)
        534987.00   4418091.00       10.26113  (04041016)
530614.00   4415312.00        3.19797c (04010316)
        538946.00   4413223.00        2.19790  (04051524)
541693.00   4411996.00        0.97652  (04042316)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/24/11
                                  ***
                                  ***        19:46:59

                                             PAGE  63
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                *** THE   1ST HIGHEST  8-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  2ALT     ***
                                  INCLUDING SOURCE(S):      BACA1A   ,
BACA1B   , ON.ISIT.,

                                   *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN
                                Sayfa 164
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MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)		
	528000.00	528500.00	529000.00
529500.00	530000.00		
4425000.0	18.22070c(04122024)	25.17690c(04122024)	30.57403c(04122024)
32.45141c(04122024)	25.68777c(04122024)		
4424500.0	18.98184c(04122024)	25.03902c(04122024)	24.33859c(04122024)
28.11993c(04120408)	31.79413c(04120408)		
4424000.0	10.43354c(04122024)	18.38185c(04122024)	16.26114c(04122024)
18.86951c(04120408)	28.40921c(04120408)		
4423500.0	3.51468c(04122024)	6.31086c(04122024)	14.26990 (04040824)
22.45739 (04040824)	23.72377 (04071908)		
4423000.0	1.55015 (04011216)	1.65650 (04011216)	4.51839 (04040824)
15.88673 (04040824)	14.97629 (04040824)		
4422500.0	1.62825 (04011216)	1.76519 (04011216)	1.76324 (04011216)
3.11955 (04040824)	5.52267 (04040824)		
4422000.0	1.60603 (04011216)	1.76829 (04011216)	1.85775 (04011216)
1.99591 (04011216)	2.20120 (04011216)		
4421500.0	1.53322 (04011216)	1.67174 (04011216)	1.82004 (04011216)
1.97257 (04011216)	2.12247 (04011216)		
4421000.0	1.58108 (04013116)	1.55825 (04013116)	1.68307 (04011216)
1.82608 (04011216)	1.97184 (04011216)		
4420500.0	1.80987 (04012616)	1.75566 (04012616)	1.70914 (04013116)
1.67616 (04013116)	1.80455 (04011216)		
4420000.0	2.21847 (04012616)	2.19324 (04012616)	2.14568 (04012616)
2.07455 (04012616)	1.97313 (04012616)		
4419500.0	2.65157 (04012616)	2.66254 (04012616)	

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2.65670 (04012616)      2.63028 (04012616)      2.57522 (04012616)
 4419000.0 |       3.06693 (04012616)       3.12065 (04012616)
3.16728 (04012616)      3.19842 (04012616)      3.21172 (04012616)
 4418500.0 |       3.41361 (04012616)       3.51205 (04012616)
3.60770 (04012616)      3.70759 (04012616)      3.79127 (04012616)
 4418000.0 |       3.64127 (04012616)       3.77122 (04012616)
3.90916 (04012616)      4.05102 (04012616)      4.19818 (04012616)
 4417500.0 |       3.70596 (04012616)       3.84927 (04012616)
4.00456 (04012616)      4.16873 (04012616)      4.33255 (04012616)
 4417000.0 |       3.60469 (04012616)       3.73510 (04012616)
3.87243 (04012616)      4.01431 (04012616)      4.15645 (04012616)
 4416500.0 |       3.33858 (04012616)       3.43309 (04012616)
3.52822 (04012616)      3.61823 (04012616)      3.69648 (04012616)
 4416000.0 |       2.95311 (04012616)       2.99792 (04012616)
3.10663 (04011916)      3.24692 (04011916)      3.38730 (04011916)
 4415500.0 |       3.18308 (04011916)      31.28551 (04123108)
3.42494 (04011916)      3.48811 (04011916)      3.52034 (04011916)
 4415000.0 |      26.06105 (04102624)       7.91521 (04121624)
7.76274 (04121624)      3.19316 (04011916)      2.97316 (04011916)
 4414500.0 |      22.39504 (04092808)      48.92209 (04030824)
36.62513 (04020408)      10.77597 (04092808)       3.94387 (04122716)
 4414000.0 |      27.92866 (04030824)      21.74613c(04121908)
8.77127 (04020408)      4.29347 (04122716)      4.90585 (04122716)
 4413500.0 |      10.87138 (04020408)      10.81450 (04092208)
14.24820 (04092108)      17.61933 (04092108)       5.50906 (04122716)
 4413000.0 |      14.52801 (04092208)      25.27950 (04102208)
36.85868 (04092924)      23.97094 (04092624)       5.66843 (04122716)
 4412500.0 |      27.18472 (04121008)      31.27407 (04092108)
36.58280 (04092624)       5.49068 (04122716)       5.46744 (04122716)
 4412000.0 |      34.43937 (04111308)      10.09910 (04092624)
8.75778 (04092724)      5.25459 (04122716)      8.70935 (04092724)
 4411500.0 |      40.07124c(04110108)       5.00654 (04122716)
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4.99089 (04122716) 4.78616 (04122716) 8.76083 (04093008)
 4411000.0 | 45.07583 (04102508) 5.06029 (04092724)
20.81354 (04042524) 11.25476 (04093008) 3.68864c(04110108)
 4410500.0 | 4.54205 (04122716) 7.53209 (04092724)
10.42610 (04093008) 11.96960c(04110108) 6.92283c(04110108)
 4410000.0 | 6.14974 (04092724) 14.76923 (04031208)
11.42203c(04110108) 4.67524 (04031208) 3.98918 (04111208)
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/24/11
 ***
 *** 19:46:59

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 **MODELOPTs: RegDFAULT CONC
  ELEV

 *** THE 1ST HIGHEST 8-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
 INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT.,

 *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD
(METERS)
  (METERS) | 530500.00 531000.00

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531500.00               532000.00               532500.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 4425000.0 |     15.90415c(04122024)     14.19962c(04122024)
12.87139 (04012708)     29.80977 (04012708)     24.56075 (04012708)
 4424500.0 |     19.76418c(04120408)     22.51457c(04122024)
15.74856 (04012708)     31.71969 (04012708)     38.63375 (04012708)
 4424000.0 |     30.57209c(04120408)     30.11518c(04122024)
20.85829c(04122024)     25.86952 (04012708)     37.75545 (04011824)
 4423500.0 |     35.89169c(04120408)     36.56692c(04122024)
23.81412c(04122024)     13.83921 (04012708)     33.87422 (04011824)
 4423000.0 |     27.35583c(04120408)     34.56295c(04120408)
26.76090c(04120408)      5.40978 (04071908)     17.24262 (04011824)
 4422500.0 |     27.96347 (04040824)     31.05935 (04071908)
32.57337c(04120408)      9.36782 (04071908)      5.02994 (04041024)
 4422000.0 |     17.73366 (04040824)     12.13311 (04040824)
9.79925 (04071908)      5.61461 (04071908)      9.38557 (04071908)
 4421500.0 |      2.47138 (04040824)      2.37317 (04011216)
2.51273 (04011816)     18.92829 (04071908)     11.95445 (04071908)
 4421000.0 |      2.13783 (04011216)      2.23641 (04011216)
2.33141 (04011216)     13.92223 (04071908)      3.02351 (04011816)
 4420500.0 |      1.98440 (04011216)      2.09287 (04011216)
2.23545 (04011216)      2.48582 (04011216)      7.32451 (04071908)
 4420000.0 |      1.83908 (04012616)      1.93952 (04011216)
2.13196 (04011216)      2.40428 (04011216)      2.59588 (04011216)
 4419500.0 |      2.48357 (04012616)      2.34660 (04012616)
2.14746 (04012616)      2.24594 (04011216)      2.54287 (04011216)
 4419000.0 |      3.19233 (04012616)      3.12305 (04012616)
3.00173 (04012616)      7.55602 (04012424)      2.42152 (04011216)
 4418500.0 |      3.85871 (04012616)      3.90383 (04012616)
11.49965 (04011524)     35.12040 (04011524)     32.71562 (04011524)
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 4418000.0 |      4.34871 (04012616)      4.53345 (04012616)
4.67534 (04012616)     17.40948 (04071124)     19.20499 (04121224)
 4417500.0 |      4.51887 (04012616)      4.75814 (04012616)
19.94686 (04110608)    147.43711 (04110608)    124.60190 (04110608)
 4417000.0 |      4.30268 (04012616)      4.47647 (04012616)
24.10055 (04012608)     21.04459 (04082108)     50.45550 (04030208)
 4416500.0 |      3.75330 (04012616)      5.03211 (04070224)
60.99537 (04123108)     92.08665 (04123108)     99.01073 (04030208)
 4416000.0 |      3.58834 (04011916)      3.45614 (04011916)
89.81668 (04092808)     70.77811 (04020408)     78.09781c(04121908)
 4415500.0 |      3.41924 (04011916)     10.72504 (04092808)
36.18502 (04020408)     48.71670 (04121008)     69.17370 (04121008)
 4415000.0 |      3.40772 (04122716)      4.03014 (04122716)
39.40131 (04092108)     65.75570 (04121008)     75.89274 (04031208)
 4414500.0 |      4.58462 (04122716)      7.69413 (04092108)
81.38083 (04092924)     74.16842 (04031208)     48.68578 (04031208)
 4414000.0 |      5.41224 (04122716)     14.43189 (04092624)
83.94862 (04102508)     46.84456 (04031208)     23.60210 (04031208)
 4413500.0 |      5.74958 (04122716)     47.04977 (04092724)
39.13003 (04093008)     23.70338 (04031208)     14.93161 (04111208)
 4413000.0 |     16.50467 (04092724)     35.01778 (04031208)
20.61030 (04031208)      9.42852c(04110108)     15.19929 (04111208)
 4412500.0 |     26.60251 (04093008)     14.80107 (04031208)
12.33075c(04110108)      8.26309 (04111208)     10.53766 (04111208)
 4412000.0 |     14.42383 (04031208)     12.48279c(04110108)
9.70923 (04111208)     17.50879 (04111208)     17.98704 (04123124)
 4411500.0 |     10.14961c(04110108)      5.45603c(04110108)
10.37550 (04111208)     12.93143 (04111208)     10.10872 (04123124)
 4411000.0 |      6.68432c(04110108)      5.82187 (04111208)
9.07544 (04111208)     19.76730 (04123124)      5.98974 (04061408)
 4410500.0 |      6.32404 (04111208)     10.08935 (04111208)
10.16995 (04111208)      9.64793 (04123124)     48.41142 (04123124)
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 4410000.0 | 8.51621 (04111208)   11.77550 (04111208)
12.01301 (04123124)   18.08465 (04123124)   28.88172 (04123124)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/24/11
                                   ***
                                   ***   19:46:59

                                              PAGE 65
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE   1ST HIGHEST 8-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 2ALT   ***
                                   INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   , ON.ISIT.,

                                    *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD
(METERS)
  (METERS) | 533000.00   533500.00
534000.00   534500.00   535000.00
 -
- -

 4425000.0 | 40.81594 (04012708)   24.23052 (04040608)

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4.14286 (04040608)      2.19454 (04011116)      8.76358 (04021908)
 4424500.0 |     40.53964 (04012708)     16.07462 (04040608)
2.13344 (04011516)      2.30669 (04011116)      2.71955 (04021908)
 4424000.0 |     39.68880 (04011824)     23.26740 (04011824)
2.16360 (04011516)      2.41609 (04011116)      2.59102 (04011116)
 4423500.0 |     73.65341 (04011824)     15.24341 (04102924)
2.16039 (04011116)      2.51582 (04011116)      2.72257 (04011116)
 4423000.0 |     47.57809 (04011824)     16.88777 (04011824)
2.21895 (04011816)      2.62370 (04011116)      2.87448 (04011116)
 4422500.0 |     11.18759 (04011908)      2.80066 (04011816)
2.41395 (04011816)      2.74248 (04011116)      3.04621 (04011116)
 4422000.0 |      3.14871 (04011816)      3.06260 (04011816)
2.67957 (04011816)      2.87567 (04011116)      3.25075 (04011116)
 4421500.0 |      3.28939 (04011816)      3.28767 (04011816)
2.97212 (04011816)      3.01169 (04011116)      3.42588 (04011116)
 4421000.0 |      3.37495 (04011816)      3.50104 (04011816)
3.27628 (04011816)      3.10307 (04011116)      3.66695 (04011116)
 4420500.0 |      3.28148 (04011816)      3.65240 (04011816)
3.60497 (04011816)      3.10606 (04022316)      4.24975 (04112016)
 4420000.0 |      2.99585 (04011816)      3.55536 (04011816)
3.86564 (04011816)      3.55272 (04020216)      5.42342 (04041416)
 4419500.0 |      2.87863 (04011216)      3.17324 (04011216)
3.83694 (04011816)      4.65113 (04020216)      6.79365 (04041416)
 4419000.0 |      2.88980 (04011216)      6.35807 (04040824)
3.87174 (04020316)     11.77481 (04011908)      9.08237 (04040616)
 4418500.0 |     76.00230 (04012424)     14.04745 (04031008)
4.18103 (04040824)      5.71807 (04020316)     12.21306 (04040616)
 4418000.0 |     35.17915 (04082208)     53.64275 (04031008)
29.50238 (04012424)      5.14445 (04061316)     10.39560 (04041016)
 4417500.0 |    110.37604 (04042008)    178.68578 (04110608)
338.50442 (04110608)     75.09269 (04112908)     11.36766 (04091516)
 4417000.0 |     93.92333 (04030208)    138.66094 (04123108)
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56.36145 (04121624)     72.29377 (04092108)     26.95915 (04070416)
 4416500.0 |    109.79496c(04121908)     63.60218c(04121908)
58.60198 (04092624)     10.90492 (04070616)     17.56721 (04070816)
 4416000.0 |     72.87785 (04102208)    131.32476 (04092624)
7.16632 (04090624)      9.58648 (04070524)      9.77303 (04071516)
 4415500.0 |    102.04737 (04031208)     27.53727 (04093008)
4.95267 (04070524)      8.84788 (04073024)      6.69711 (04071516)
 4415000.0 |     48.63679 (04093008)      3.20154 (04122716)
6.83034 (04070908)      9.12333 (04073024)      5.51630 (04090524)
 4414500.0 |      5.58380 (04092208)      4.03994 (04070908)
7.34857 (04090724)      8.06319 (04073024)      5.29821 (04090524)
 4414000.0 |     12.72886 (04111208)     38.97958 (04123124)
7.16704 (04073024)      6.19840 (04073024)      5.01951 (04090524)
 4413500.0 |     29.70994 (04111208)     85.37686 (04123124)
6.94455 (04073024)      4.76369 (04073024)      4.73935 (04090524)
 4413000.0 |     21.01924 (04123124)     27.52725 (04073008)
7.72058 (04081908)      3.70211 (04073024)      4.46038 (04090524)
 4412500.0 |     12.47493 (04123124)      5.37810 (04073024)
5.14213 (04073024)      3.15177 (04090524)      4.22490 (04090524)
 4412000.0 |     10.66502 (04061408)      4.93185 (04073024)
4.09565 (04073024)      3.15842 (04090524)      3.89298 (04090524)
 4411500.0 |      8.78454 (04073008)      4.47894 (04073024)
3.50440 (04073024)      8.93138 (04090524)      4.15012 (04090524)
 4411000.0 |      8.10325 (04073008)      5.72989 (04081908)
9.26396 (04111024)      9.93926 (04090524)      4.49526 (04090524)
 4410500.0 |     24.47567 (04102608)     27.51257 (04111024)
12.89521 (04091508)      9.61834 (04090524)     10.49972 (04120724)
 4410000.0 |     42.00721 (04102608)     25.82173 (04111108)
6.79608 (04091508)      9.88452 (04090124)     21.30659 (04120724)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/24/11
                                  ***
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	535500.00	536000.00	536500.00	537000.00	537500.00
4425000.0	2.37755 (04011116)	2.40277 (04120716)	2.66579 (04120716)	3.13040 (04122616)	5.05683 (04040724)
4424500.0	2.48816 (04011116)	2.47166 (04120716)	2.74420 (04120716)	3.01111 (04122616)	4.01271 (04122616)
4424000.0	2.61611 (04011116)	2.51386 (04011116)	2.72860 (04120716)	3.13420 (04021524)	3.98077 (04021524)

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 4423500.0 |      2.75200 (04011116)      2.62841 (04011116)
2.80072 (04120716)      3.71841 (04021524)      4.49987 (04021524)
 4423000.0 |      2.91028 (04011116)      2.70434 (04011116)
3.07961 (04021524)      4.54724 (04021524)      4.91328 (04021524)
 4422500.0 |      3.04633 (04011116)      2.87758 (04011116)
3.97119 (04021524)      5.27578 (04021524)      5.08207 (04021524)
 4422000.0 |      3.22255 (04011116)      2.99319 (04011116)
4.71982 (04021524)      6.00931 (04021524)      4.81337 (04021524)
 4421500.0 |      3.45674 (04011116)      3.30136 (04021308)
5.88577 (04021524)      6.29822 (04021524)      4.02475 (04021524)
 4421000.0 |      3.85500 (04112016)      4.76799 (04021308)
7.03453 (04021524)      5.90291 (04021524)      2.97594 (04021308)
 4420500.0 |      4.90659 (04112016)      6.68622 (04021308)
7.86851 (04021524)      5.13265 (04021308)      2.59976 (04010216)
 4420000.0 |      6.12804 (04112016)     10.08982 (04021308)
8.67210 (04021308)      3.95746 (04021308)      3.16263 (04012224)
 4419500.0 |      8.64211 (04071408)     14.97288 (04021308)
7.99482 (04021308)      3.91824 (04012916)      5.74357 (04012224)
 4419000.0 |     10.01785 (04040816)     16.65815 (04021308)
5.31934 (04032816)      7.22178 (04012224)      6.37458 (04012224)
 4418500.0 |     17.78671 (04021308)      9.04486 (04050516)
8.98800 (04012916)      6.06377 (04052516)      5.42326 (04052516)
 4418000.0 |     14.18880 (04022616)     14.09309 (04012916)
13.94567 (04052516)      9.20239 (04052516)      6.06042 (04041424)
 4417500.0 |      4.47528c(04102616)     15.00001 (04021016)
12.02661 (04021016)      8.45312 (04021016)      6.09010 (04021016)
 4417000.0 |      9.67000 (04022216)     10.07598 (04081216)
7.84215 (04081216)      4.90022 (04012316)      3.99589 (04021016)
 4416500.0 |     12.37332 (04112616)     13.33168 (04042316)
7.87990 (04042316)      3.88543 (04081216)     11.35725 (04092024)
 4416000.0 |      7.40360 (04112616)      9.10402 (04041608)
8.68598 (04042316)      5.51331 (04042316)      2.34934 (04042316)
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 4415500.0 | 4.75114 (04071516)   9.39406 (04041608)
5.10829 (04042316)   5.82254 (04042316)   4.02161 (04042316)
 4415000.0 | 3.88577 (04090524)   7.78611 (04090924)
7.24830 (04041608)   4.16757 (04042316)   4.18867 (04042316)
 4414500.0 | 3.85605 (04090524)   6.15506 (04090924)
7.30602 (04041608)   4.36234 (04041608)   3.35040 (04042316)
 4414000.0 | 3.70712 (04090524)   4.67181 (04090924)
6.55822 (04090924)   5.31704 (04041608)   2.34033 (04040324)
 4413500.0 | 3.58712 (04090524)   3.77442 (04090924)
5.77849 (04090924)   5.49229 (04041608)   3.30012 (04041608)
 4413000.0 | 3.38285 (04090524)   5.29482 (04110824)
4.77270 (04090924)   5.20725 (04090924)   3.99644 (04041608)
 4412500.0 | 3.14853 (04090524)   2.39354 (04090924)
3.96840 (04090924)   4.72975 (04090924)   4.09180 (04041608)
 4412000.0 | 2.95969 (04090524)   1.85535 (04122716)
3.32474 (04090924)   4.25027 (04090924)   3.97373 (04090924)
 4411500.0 | 2.76103 (04090524)   1.79284 (04122716)
2.77686 (04090924)   3.67478 (04090924)   3.84419 (04090924)
 4411000.0 | 18.19323 (04120724)   1.71958 (04122716)
2.18834 (04090924)   3.33666 (04090924)   3.59566 (04090924)
 4410500.0 | 3.49733 (04120724)   1.65035 (04122716)
1.82387 (04090924)   2.88446 (04090924)   3.37545 (04090924)
 4410000.0 | 6.10210 (04120724)   1.58265 (04122716)
1.54518 (04090924)   2.49091 (04090924)   3.12108 (04090924)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
                                  ***
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 **MODELOPTs: RegDFAULT CONC
  ELEV

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	538000.00	538500.00	539000.00
4425000.0	3.78369 (04122616)	4.39340 (04122616)	4.03936 (04122616)
4424500.0	6.76035 (04022608)	3.79538 (04122616)	3.43541 (04122616)
4424000.0	8.12624 (04022608)	3.49765 (04122616)	3.11344 (04122616)
4423500.0	12.60417 (04111924)	10.55419 (04111924)	2.79765 (04122616)
4423000.0	8.35551 (04111924)	2.94829 (04122616)	2.52969 (04122616)
4422500.0	3.40247 (04021524)	2.66310 (04122616)	

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2.35531 (04122616)      2.18760 (04010216)      2.37563 (04010416)
 4422000.0 |       2.61666 (04021524)      2.31364 (04010216)
2.35009 (04010216)      2.51548 (04010416)      2.83356 (04010416)
 4421500.0 |       2.41817 (04010216)      2.46625 (04010216)
2.67046 (04010416)      3.05008 (04010416)      3.30724 (04010416)
 4421000.0 |       2.55822 (04010216)      2.75912 (04010416)
3.23717 (04010416)      3.55999 (04010416)      3.72522 (04010416)
 4420500.0 |       2.82736 (04010416)      3.78697 (04012224)
4.15100 (04012224)      4.02572 (04010416)      4.07220 (04010416)
 4420000.0 |       4.62671 (04012224)      4.83816 (04012224)
4.31248 (04010416)      4.32811 (04010416)      4.25820 (04010416)
 4419500.0 |       5.91426 (04012224)      4.54354 (04010416)
4.57012 (04010416)      8.87067 (04021124)      7.03848 (04021124)
 4419000.0 |       4.64383 (04010416)      6.19782 (04021124)
5.87209 (04082908)     11.27471 (04082908)     19.56330 (04022624)
 4418500.0 |       4.51669 (04041424)      4.98181 (04041424)
4.86983 (04041424)     13.71896 (04022624)      9.58501 (04022624)
 4418000.0 |       4.56606 (04041424)      3.65959 (04041424)
2.94450 (04122916)     12.10841 (04061924)     19.89532 (04061924)
 4417500.0 |       4.57633 (04021016)     45.75847 (04062008)
11.28986 (04062008)     29.70296 (04062008)     30.56842 (04092524)
 4417000.0 |       3.36103 (04021016)     19.01159 (04091008)
14.77166 (04122608)     24.08933 (04091008)     27.10164 (04022008)
 4416500.0 |      27.07635 (04082408)     30.39189 (04082908)
21.89850 (04050608)     16.18447 (04050608)     13.06824 (04022008)
 4416000.0 |       3.44226 (04060524)     21.14301 (04092024)
21.01979 (04101024)     22.72707 (04101024)     20.35584 (04050608)
 4415500.0 |       2.17198 (04042316)      1.97418 (04060524)
10.35058 (04021108)     14.31891 (04092024)     25.90132 (04092024)
 4415000.0 |       3.09716 (04042316)      1.91080 (04042316)
1.35585 (04122916)      3.54029 (04060524)      9.08895 (04060524)
 4414500.0 |       3.20881 (04042316)      2.48956 (04042316)
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1.68729 (04042316)      1.20202 (04122916)      1.27462 (04122916)
 4414000.0 |       2.74883 (04042316)      2.57984 (04042316)
2.07473 (04042316)      1.50332 (04042316)      1.06988 (04122916)
 4413500.0 |       2.10133 (04042316)      2.40166 (04051524)
2.15198 (04042316)      1.77944 (04042316)      1.35437 (04042316)
 4413000.0 |       2.09274 (04041608)      2.38853 (04112208)
2.31766 (04112208)      1.84645 (04042316)      1.56244 (04042316)
 4412500.0 |       2.77488 (04041608)      1.58664 (04112208)
2.16381 (04112208)      2.17036 (04112208)      1.62098 (04042316)
 4412000.0 |       3.12131 (04041608)      1.99141 (04041608)
1.78613 (04112208)      2.23205 (04112208)      2.10337 (04112208)
 4411500.0 |       3.13165 (04041608)      2.32676 (04041608)
1.40615 (04041608)      1.93344 (04112208)      2.20546 (04112208)
 4411000.0 |       3.22375 (04090924)      2.46582 (04041608)
1.72140 (04041608)      1.55106 (04112208)      2.05235 (04112208)
 4410500.0 |       3.21752 (04090924)      2.58585 (04090924)
1.92086 (04041608)      1.34232 (04041608)      1.72581 (04112208)
 4410000.0 |       3.14668 (04090924)      2.66435 (04090924)
2.03466 (04041608)      1.50310 (04041608)      1.37178 (04112208)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/24/11
                                  ***
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 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                *** THE   1ST HIGHEST  8-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  2ALT     ***
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INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	540500.00	541000.00	541500.00	542000.00	542500.00
4425000.0	2.43316 (04122616)	2.08972 (04122616)	3.11581 (04071324)	16.37574c(04011208)	16.38246 (04010408)
4424500.0	2.23664 (04122616)	1.97592 (04122616)	11.55638c(04011208)	17.72069 (04010408)	23.86411 (04010408)
4424000.0	2.07726 (04122616)	7.51687 (04093024)	12.68820 (04010408)	18.19950 (04021108)	15.43247 (04120124)
4423500.0	4.43503 (04093024)	7.71057 (04012724)	11.78529 (04101124)	14.26675 (04050624)	13.60046 (04120124)
4423000.0	3.80685 (04101124)	5.42632 (04050624)	8.69689 (04050624)	6.35630 (04032024)	4.59360 (04032024)
4422500.0	2.64255 (04010416)	5.16882 (04050624)	3.73124 (04020808)	3.44502 (04020808)	7.87968 (04010808)
4422000.0	3.14725 (04082824)	3.54846 (04020808)	3.26160 (04010416)	6.97610 (04010808)	9.78625 (04010808)
4421500.0	3.46614 (04082824)	3.50717 (04010416)	4.74166 (04010808)	5.97450 (04010808)	15.60391c(04100108)

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 4421000.0 |      3.77861 (04010416)      3.74495 (04010416)
9.39087c(04100108)     36.52543c(04100108)     22.48256c(04122008)
 4420500.0 |      4.00535 (04010416)      5.84705 (04071324)
38.83178c(04100108)     32.92427c(04122008)     27.55605c(04122008)
 4420000.0 |      7.27770 (04021124)     23.11890 (04021124)
51.32949c(04100108)     33.49077c(04122008)     41.78647c(04100108)
 4419500.0 |     11.89185 (04082908)     25.96027 (04040524)
59.94599c(04100108)     50.35470c(04100108)     43.11495c(04100108)
 4419000.0 |     26.02506 (04022624)     23.86425 (04022624)
29.31579c(04100108)     27.22077c(04122008)     21.59478c(04122008)
 4418500.0 |      9.08720c(04100108)     13.72374c(04100108)
22.91277c(04100108)     12.13435c(04122008)     12.96220c(04122008)
 4418000.0 |     19.68365 (04061924)     16.17128 (04101724)
19.19720 (04101724)     14.26618 (04101724)     11.17712 (04120508)
 4417500.0 |     27.34146 (04022008)     25.08820 (04022008)
22.14114 (04022008)     20.80242 (04022008)     19.86942 (04022008)
 4417000.0 |     25.50121 (04022008)     21.59299 (04022008)
22.84905 (04050924)     21.04769 (04022008)     20.55120 (04050924)
 4416500.0 |     13.62512 (04022008)     15.38917 (04022008)
15.11629 (04022008)     14.94446 (04050924)     15.02990 (04050924)
 4416000.0 |     15.67173 (04050608)     12.61240 (04082908)
9.03815 (04101024)      5.88840 (04101024)      7.95932 (04022008)
 4415500.0 |     19.10839 (04092024)     18.22825 (04082908)
21.64533 (04082908)     14.71665 (04050608)     11.42301 (04050608)
 4415000.0 |     12.66479 (04092024)     15.46624 (04092024)
24.77938 (04092024)     14.50990 (04101024)     14.60219 (04050608)
 4414500.0 |      1.36172 (04122916)      4.26088 (04060524)
8.16025 (04022924)      9.62685 (04050608)     11.67735 (04092024)
 4414000.0 |      1.15353 (04122916)      1.20416 (04122916)
2.95529 (04060524)      7.64453 (04060524)      9.84605 (04060524)
 4413500.0 |      0.97429 (04042316)      1.02409 (04122916)
1.08568 (04122916)      1.13244 (04122916)      2.76514 (04060524)
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 4413000.0 | 1.23464 (04042316)   0.92914 (04042316)
0.91918 (04122916)   0.97691 (04122916)   1.02892 (04122916)
 4412500.0 | 1.40076 (04042316)   1.13644 (04042316)
0.88669 (04042316)   0.83264 (04122916)   0.88444 (04122916)
 4412000.0 | 1.60077 (04051524)   1.27332 (04042316)
1.05973 (04042316)   0.84740 (04042316)   0.75473 (04122916)
 4411500.0 | 2.11799 (04112208)   1.62761 (04051524)
1.17154 (04042316)   0.99226 (04042316)   0.81315 (04042316)
 4411000.0 | 2.18420 (04112208)   1.91266 (04112208)
1.43485 (04112208)   1.09060 (04042316)   0.93798 (04042316)
 4410500.0 | 2.06608 (04112208)   2.09030 (04112208)
1.83113 (04112208)   1.37575 (04112208)   1.02192 (04042316)
 4410000.0 | 1.83201 (04112208)   2.06264 (04112208)
2.06616 (04112208)   1.74594 (04112208)   1.33104 (04112208)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
                                  ***
                                  ***   19:46:59

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 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE   1ST HIGHEST 8-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 2ALT   ***
                                    INCLUDING SOURCE(S):   BACA1A ,
BACA1B , ON.ISIT.,

                                     *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 543000.00
4425000.0	26.05128 (04010408)
4424500.0	19.88930 (04010408)
4424000.0	12.19893 (04120124)
4423500.0	8.41377 (04032024)
4423000.0	11.81183 (04010808)
4422500.0	3.04002 (04010416)
4422000.0	19.11087c(04100108)
4421500.0	18.67954c(04122008)
4421000.0	13.19229c(04122008)
4420500.0	26.07887c(04122008)
4420000.0	34.83840c(04122008)
4419500.0	38.17729c(04100108)
4419000.0	17.18453c(04122008)
4418500.0	8.08274c(04122008)
4418000.0	12.53458 (04101724)
4417500.0	19.81653 (04022008)
4417000.0	19.89227 (04022008)
4416500.0	15.34410 (04022008)
4416000.0	6.33266 (04022008)
4415500.0	8.59242 (04050608)
4415000.0	14.03676 (04050608)
4414500.0	13.22616 (04050608)

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 4414000.0 |     11.03330 (04092024)
 4413500.0 |      6.74368 (04060524)
 4413000.0 |      1.06824 (04122916)
 4412500.0 |      0.93606 (04122916)
 4412000.0 |      0.80718 (04122916)
 4411500.0 |      0.69351 (04122916)
 4411000.0 |      0.78402 (04042316)
 4410500.0 |      0.89174 (04042316)
 4410000.0 |      1.01874 (04112224)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/24/11
                                   ***
                                   ***        19:46:59

                                              PAGE  70
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                *** THE   1ST HIGHEST  8-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  2ALT     ***
                                  INCLUDING SOURCE(S):      BACA1A   ,
BACA1B   , ON.ISIT.,

                                       *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
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X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        537268.00   4419321.00        6.04455  (04012224)
533288.00   4420664.00        3.52355  (04011816)
        530873.00   4418253.00        4.21935  (04012616)
532253.00   4419045.00        2.48918  (04012616)
        534268.00   4421987.00        2.60586  (04011116)
536366.00   4419557.00       10.57207  (04021308)
        534987.00   4418091.00       10.33746  (04041016)
530614.00   4415312.00        3.20516c (04010316)
        538946.00   4413223.00        2.21344  (04051524)
541693.00   4411996.00        0.97780  (04042316)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/24/11
                                  ***
                                  ***        19:46:59

                                             PAGE  71
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                *** THE   1ST HIGHEST  8-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  3ALT-KUM ***
                                  INCLUDING SOURCE(S):      BACA1A  ,
BACA1B  , ON.ISIT., CALIK1  , CALIK2  , CALIK3  ,

                                   *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***
```

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

Y-COORD (METERS)	X-COORD (METERS)		
	528000.00	528500.00	529000.00
	529500.00	530000.00	
4425000.0	18.42565c(04122024)	25.33171c(04122024)	30.60652c(04122024)
	32.50035c(04122024)	25.70438c(04122024)	
4424500.0	19.03619c(04122024)	25.10501c(04122024)	24.35009c(04122024)
	28.13790c(04120408)	31.80354c(04120408)	
4424000.0	10.44143c(04122024)	18.40226c(04122024)	16.26531c(04122024)
	18.88377c(04120408)	28.41251c(04120408)	
4423500.0	3.51571c(04122024)	6.31237c(04122024)	14.27120 (04040824)
	22.45875 (04040824)	23.72631 (04071908)	
4423000.0	2.70923 (04012616)	2.73562 (04012616)	4.51970 (04040824)
	15.88806 (04040824)	14.97785 (04040824)	
4422500.0	2.74207 (04012616)	2.74760 (04012616)	2.79601 (04012616)
	3.12100 (04040824)	5.52424 (04040824)	
4422000.0	2.80699 (04012616)	2.78649 (04012616)	2.79405 (04012616)
	2.78441 (04012616)	2.76445 (04012616)	
4421500.0	2.89070 (04012616)	2.86576 (04012616)	2.83234 (04012616)
	2.78846 (04012616)	2.73953 (04012616)	
4421000.0	3.03483 (04012616)	2.99170 (04012616)	2.93387 (04012616)
	2.86255 (04012616)	2.78020 (04012616)	
4420500.0	3.22963 (04012616)	3.17927 (04012616)	3.11628 (04012616)
	3.03320 (04012616)	2.92924 (04012616)	
4420000.0	3.47746 (04012616)	3.42969 (04012616)	3.37905 (04012616)
	3.30492 (04012616)	3.20150 (04012616)	

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 4419500.0 |      3.74354 (04012616)      3.72462 (04012616)
3.70312 (04012616)      3.65891 (04012616)      3.59018 (04012616)
 4419000.0 |      3.99640 (04012616)      4.01893 (04012616)
4.04558 (04012616)      4.05204 (04012616)      4.04175 (04012616)
 4418500.0 |      4.20118 (04012616)      4.27032 (04012616)
4.33880 (04012616)      4.41669 (04012616)      4.47192 (04012616)
 4418000.0 |      4.30551 (04012616)      4.40621 (04012616)
4.51949 (04012616)      4.63615 (04012616)      4.75816 (04012616)
 4417500.0 |      4.26017 (04012616)      4.38086 (04012616)
4.51523 (04012616)      4.65778 (04012616)      4.79801 (04012616)
 4417000.0 |      4.07809 (04012616)      4.18722 (04012616)
4.30507 (04012616)      4.42770 (04012616)      4.55059 (04012616)
 4416500.0 |      3.74161 (04012616)      3.81886 (04012616)
3.89997 (04012616)      3.97534 (04012616)      4.03770 (04012616)
 4416000.0 |      3.62751 (04011916)      3.67726 (04011916)
3.73545 (04011916)      3.77980 (04011916)      3.82382 (04011916)
 4415500.0 |      3.82046 (04011916)     31.28564 (04123108)
3.89111 (04011916)      4.24318 (04122716)      4.62427 (04122716)
 4415000.0 |     26.06114 (04102624)      8.41073 (04033108)
7.76281 (04121624)      5.18172 (04122716)      5.72565 (04122716)
 4414500.0 |     22.46001 (04092808)     48.92316 (04030824)
36.62528 (04020408)     10.83375 (04092808)      6.77256 (04122716)
 4414000.0 |     27.92964 (04030824)     21.91511c(04121908)
8.77138 (04020408)      7.15993 (04122716)      7.62904 (04122716)
 4413500.0 |     10.87179 (04020408)     10.92141 (04092208)
14.34718 (04092108)     17.71914 (04092108)      8.02616 (04122716)
 4413000.0 |     14.64681 (04092208)     25.55637 (04102208)
36.86059 (04092924)     24.01161 (04092624)      8.01749 (04122716)
 4412500.0 |     27.75814 (04121008)     31.36872 (04092108)
36.62232 (04092624)      7.77218 (04122716)      7.67487 (04122716)
 4412000.0 |     34.85112 (04111308)     10.13683 (04092624)
8.79738 (04092724)      7.35352 (04122716)      8.74763 (04092724)
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 4411500.0 | 40.10148c(04110108)   7.22270 (04122716)
7.08177 (04122716)   6.77384 (04122716)   8.79428 (04093008)
 4411000.0 | 45.26222 (04102508)   6.80174 (04122716)
20.85178 (04042524)   11.28795 (04093008)   5.32229 (04122716)
 4410500.0 | 6.47926 (04122716)   7.56647 (04092724)
10.45775 (04093008)   12.08126c(04110108)   6.96057c(04110108)
 4410000.0 | 6.18305 (04092724)   14.81182 (04031208)
11.50761c(04110108)   5.57209 (04031208)   4.41778 (04111208)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
                                  ***
                                  ***   19:46:59

                                             PAGE 72
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE   1ST HIGHEST 8-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 3ALT-KUM ***
                                INCLUDING SOURCE(S):   BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

                                *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD
(METERS)

```
  (METERS) |       530500.00               531000.00
531500.00              532000.00              532500.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 4425000.0 |     15.91029c(04122024)     14.21814c(04122024)
14.23128 (04012708)     32.05905 (04012708)     28.05247 (04012708)
 4424500.0 |     19.77228c(04120408)     22.56306c(04122024)
16.21993 (04012708)     31.91804 (04012708)     38.69756 (04012708)
 4424000.0 |     30.61198c(04120408)     30.17392c(04122024)
20.92890c(04122024)     26.40497 (04012708)     37.75652 (04011824)
 4423500.0 |     35.93395c(04120408)     36.60582c(04122024)
23.82830c(04122024)     13.97140 (04012708)     33.87447 (04011824)
 4423000.0 |     27.37616c(04120408)     34.69386c(04120408)
26.85055c(04120408)      5.41289 (04071908)     17.24266 (04011824)
 4422500.0 |     27.96497 (04040824)     31.06247 (04071908)
32.57632c(04120408)      9.37241 (04071908)      5.03478 (04041024)
 4422000.0 |     17.73515 (04040824)     12.13489 (04040824)
9.80627 (04071908)      5.62339 (04071908)      9.39530 (04071908)
 4421500.0 |      2.74153 (04012616)      2.80790 (04011216)
2.86994 (04011216)     18.94797 (04071908)     11.98136 (04071908)
 4421000.0 |      2.70198 (04012616)      2.63911 (04011216)
2.73995 (04011216)     13.96403 (04071908)      3.14572 (04011816)
 4420500.0 |      2.81453 (04012616)      2.68981 (04011016)
2.61819 (04011216)      2.89679 (04011216)      7.42861 (04071908)
 4420000.0 |      3.06569 (04011016)      2.99299 (04011016)
2.88789 (04011016)      2.80888 (04011016)      2.97932 (04011216)
 4419500.0 |      3.47489 (04012616)      3.29458 (04012616)
3.06309 (04012616)      2.83489 (04011016)      2.90575 (04011216)
 4419000.0 |      3.99366 (04012616)      3.88993 (04012616)
3.74567 (04012616)      7.55603 (04012424)      3.07406 (04012616)
 4418500.0 |      4.51000 (04012616)      4.52579 (04012616)
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11.50117 (04011524)     35.12167 (04011524)     32.71722 (04011524)
 4418000.0 |       4.88331 (04012616)       5.05007 (04012616)
5.18692 (04012616)     18.23493 (04071124)     19.20511 (04121224)
 4417500.0 |       4.96350 (04012616)       5.19872 (04012616)
20.06157 (04110608)    147.53935 (04110608)    124.69401 (04110608)
 4417000.0 |       4.67925 (04012616)       4.85817 (04012616)
24.10085 (04012608)     21.09098 (04082108)     50.52795 (04030208)
 4416500.0 |       4.07918 (04012616)       5.13955 (04070224)
60.99546 (04123108)     92.09161 (04123108)     99.07491 (04030208)
 4416000.0 |       4.09700 (04122716)       4.60309 (04122716)
89.87692 (04092808)     70.78344 (04020408)     78.47088c(04121908)
 4415500.0 |       5.11343 (04122716)      10.78271 (04092808)
36.18534 (04020408)     50.09446 (04121008)     70.51396 (04121008)
 4415000.0 |       6.30077 (04122716)       7.14705 (04122716)
39.51415 (04092108)     65.89531 (04121008)     77.07885 (04031208)
 4414500.0 |       7.37599 (04122716)       8.07115 (04122716)
81.38524 (04092924)     74.43429 (04031208)     48.75116 (04031208)
 4414000.0 |       8.05500 (04122716)      14.47524 (04092624)
84.17963 (04102508)     47.06434 (04031208)     23.74895 (04031208)
 4413500.0 |       8.24207 (04122716)      47.09502 (04092724)
39.17237 (04093008)     24.12603 (04031208)     15.29195 (04111208)
 4413000.0 |      16.54744 (04092724)      35.06006 (04031208)
20.69517 (04031208)      9.45247c(04110108)     15.52551 (04111208)
 4412500.0 |      26.63912 (04093008)      14.82754 (04031208)
12.48375c(04110108)      8.56805 (04111208)     10.86714 (04111208)
 4412000.0 |      14.44965 (04031208)      12.62401c(04110108)
10.02462 (04111208)     17.82874 (04111208)     17.98704 (04123124)
 4411500.0 |      10.17796c(04110108)       5.55041 (04111208)
10.67296 (04111208)     13.24808 (04111208)     10.10872 (04123124)
 4411000.0 |       6.72210c(04110108)       6.09966 (04111208)
9.37480 (04111208)     19.90152 (04111208)      6.05353 (04061408)
 4410500.0 |       6.59683 (04111208)      10.37650 (04111208)
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10.47284 (04111208) 9.64794 (04123124) 48.41145 (04123124)
 4410000.0 | 8.79324 (04111208) 12.06519 (04111208)
12.01302 (04123124) 18.08466 (04123124) 28.88175 (04123124)
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/24/11
 ***
 *** 19:46:59

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 **MODELOPTs: RegDFAULT CONC
  ELEV

 *** THE 1ST HIGHEST 8-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
 INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

 *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD
(METERS)
  (METERS) | 533000.00 533500.00
534000.00 534500.00 535000.00
 -
- -

```
 4425000.0 |     43.41525 (04012708)     24.27386 (04040608)
4.18582 (04040608)       2.70677 (04012616)       8.77116 (04021908)
 4424500.0 |     40.63615 (04012708)     16.13038 (04040608)
3.14536 (04012616)       3.15258 (04012616)       3.20766 (04012616)
 4424000.0 |     39.69107 (04011824)     23.26742 (04011824)
3.44803 (04012616)       3.48509 (04012616)       3.55464 (04012616)
 4423500.0 |     73.65354 (04011824)     15.24341 (04102924)
3.54447 (04012616)       3.67116 (04012616)       3.73089 (04012616)
 4423000.0 |     47.57810 (04011824)     16.88778 (04011824)
3.52609 (04012616)       3.61583 (04012616)       3.67990 (04012616)
 4422500.0 |     11.23535 (04011908)      3.26953 (04012616)
3.36166 (04012616)       3.36086 (04012616)       3.37979 (04012616)
 4422000.0 |      3.27976 (04011816)      3.19352 (04011816)
2.95879 (04012616)       3.05855 (04011116)       3.43842 (04011116)
 4421500.0 |      3.41701 (04011816)      3.41753 (04011816)
3.10402 (04011816)       3.19073 (04011116)       3.60865 (04011116)
 4421000.0 |      3.49780 (04011816)      3.62776 (04011816)
3.40480 (04011816)       3.28294 (04011116)       3.86100 (04011116)
 4420500.0 |      3.40264 (04011816)      3.77498 (04011816)
3.73160 (04011816)       3.47874c(04010316)       4.25670 (04112016)
 4420000.0 |      3.15358 (04011216)      3.67760 (04011816)
3.99143 (04011816)       3.82234 (04020216)       5.42925 (04041416)
 4419500.0 |      3.26083 (04011216)      3.57625 (04011216)
3.96274 (04011816)       4.79480 (04020216)       6.79898 (04041416)
 4419000.0 |      3.70825 (04122716)      6.36020 (04040824)
4.02405 (04122716)      11.77533 (04011908)       9.09836 (04040616)
 4418500.0 |     76.00231 (04012424)     14.06497 (04031008)
4.47360 (04122716)       5.81719 (04013016)      12.22743 (04040616)
 4418000.0 |     35.85065 (04082208)     53.66292 (04031008)
29.50238 (04012424)       5.19306 (04061316)      10.43785 (04041016)
 4417500.0 |    110.40179 (04042008)    178.76038 (04110608)
338.57283 (04110608)     75.09269 (04112908)      11.47596 (04091516)
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 4417000.0 |     94.00652 (04030208)    138.66810 (04123108)
56.36146 (04121624)     72.42859 (04092108)     27.25150 (04070416)
 4416500.0 |    110.13294c(04121908)     63.61593c(04121908)
58.65810 (04092624)     11.20586 (04070616)     17.69967 (04070816)
 4416000.0 |     73.12316 (04102208)    131.37746 (04092624)
7.90239 (04090624)     10.04828 (04070524)      9.92626 (04071516)
 4415500.0 |    102.17710 (04031208)     27.58375 (04093008)
5.36576 (04070524)      9.10612 (04073024)      6.86139 (04071516)
 4415000.0 |     48.68353 (04093008)      5.47339 (04122716)
7.37088 (04070908)      9.45831 (04073024)      5.52427 (04090524)
 4414500.0 |      6.26841 (04122716)      4.49404 (04070908)
7.93154 (04090724)      8.48369 (04073024)      5.30850 (04090524)
 4414000.0 |     13.06451 (04111208)     38.97959 (04123124)
7.75174 (04090724)      6.69535 (04073024)      5.03307 (04090524)
 4413500.0 |     30.06116 (04111208)     85.37687 (04123124)
7.33689 (04073024)      5.31642 (04073024)      4.75763 (04090524)
 4413000.0 |     21.01924 (04123124)     27.55715 (04073008)
7.76602 (04081908)      4.33481 (04073024)      4.48493 (04090524)
 4412500.0 |     12.47493 (04123124)      6.12211 (04090724)
5.66292 (04073024)      3.60402 (04073024)      4.25743 (04090524)
 4412000.0 |     10.73256 (04061408)      5.34423 (04073024)
4.65917 (04073024)      3.17865 (04090524)      3.93396 (04090524)
 4411500.0 |      8.81046 (04073008)      4.94291 (04073024)
4.15657 (04073024)      8.96027 (04090524)      4.20399 (04090524)
 4411000.0 |      8.12795 (04073008)      5.77108 (04081908)
9.26459 (04111024)      9.96657 (04090524)      4.56230 (04090524)
 4410500.0 |     24.51577 (04102608)     27.51330 (04111024)
13.34470 (04091508)      9.66341 (04090524)     10.50062 (04120724)
 4410000.0 |     42.05639 (04102608)     26.21381 (04111108)
7.20329 (04091508)      9.88598 (04090124)     21.30744 (04120724)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/24/11
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	535500.00	536000.00	536500.00	537000.00	537500.00
4425000.0	2.57987 (04011116)	2.70761 (04011216)	2.84981 (04011216)	3.13870 (04122616)	5.06165 (04040724)
4424500.0	3.16971 (04012616)	3.02538 (04012616)	2.94544 (04012116)	3.01734 (04122616)	4.01637 (04122616)
4424000.0	3.65556 (04012616)	3.67402 (04012616)			

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3.61874 (04012616)      3.42719 (04012616)      3.99762 (04021524)
 4423500.0 |       3.90206 (04012616)      3.98820 (04012616)
3.94651 (04012616)      3.95961 (04012616)      4.51664 (04021524)
 4423000.0 |       3.80913 (04012616)      3.80817 (04012616)
3.85816 (04012616)      4.56393 (04021524)      4.93015 (04021524)
 4422500.0 |       3.39715 (04012616)      3.45202 (04012116)
3.98720 (04021524)      5.29257 (04021524)      5.09935 (04021524)
 4422000.0 |       3.41163 (04011116)      3.58494 (04012116)
4.73608 (04021524)      6.02686 (04021524)      4.83057 (04021524)
 4421500.0 |       3.64361 (04011116)      3.59065c(04010316)
5.90217 (04021524)      6.31502 (04021524)      4.38540 (04090624)
 4421000.0 |       3.86310 (04112016)      4.78700 (04021308)
7.04945 (04021524)      5.91868 (04021524)      3.77469c(04010316)
 4420500.0 |       4.91421 (04112016)      6.70341 (04021308)
7.88239 (04021524)      5.15569 (04021308)      3.55128 (04010216)
 4420000.0 |       6.13526 (04112016)     10.10575 (04021308)
8.68961 (04021308)      3.97740 (04021308)      3.43884 (04010216)
 4419500.0 |       8.64757 (04071408)     14.98794 (04021308)
8.01059 (04021308)      3.95844 (04012916)      5.75655 (04012224)
 4419000.0 |      10.02784 (04040816)     16.67107 (04021308)
5.33647 (04032816)      7.23274 (04012224)      6.38681 (04012224)
 4418500.0 |      17.79778 (04021308)      9.06441 (04050516)
9.02173 (04012916)      6.07591 (04052516)      5.43666 (04052516)
 4418000.0 |      14.19788 (04022616)     14.12419 (04012916)
13.95539 (04052516)      9.21285 (04052516)      6.07199 (04041424)
 4417500.0 |       4.57839c(04102616)     15.00478 (04021016)
12.03178 (04021016)      8.45863 (04021016)      6.09602 (04021016)
 4417000.0 |       9.67422 (04022216)     10.14960 (04081216)
7.92431 (04081216)      5.17896 (04012316)      4.00115 (04021016)
 4416500.0 |      12.37913 (04112616)     13.34403 (04042316)
7.89273 (04042316)      3.96912 (04081216)     11.37198 (04092024)
 4416000.0 |       7.40913 (04112616)      9.26351 (04041608)
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8.69816 (04042316) 5.52599 (04042316) 2.40446 (04070624)
 4415500.0 | 4.95544 (04071516) 9.58940 (04041608)
5.21991 (04041608) 5.83455 (04042316) 4.03389 (04042316)
 4415000.0 | 3.90130 (04090524) 7.79241 (04090924)
7.52715 (04041608) 4.17883 (04042316) 4.20020 (04042316)
 4414500.0 | 3.87754 (04090524) 6.16108 (04090924)
7.58691 (04041608) 4.64788 (04041608) 3.36133 (04042316)
 4414000.0 | 3.73652 (04090524) 4.67764 (04090924)
6.57506 (04041608) 5.60877 (04041608) 2.43912 (04041608)
 4413500.0 | 3.62650 (04090524) 3.77984 (04090924)
5.78432 (04090924) 5.75923 (04041608) 3.52173 (04041608)
 4413000.0 | 3.43454 (04090524) 5.29583 (04110824)
4.77806 (04090924) 5.26900 (04041608) 4.17922 (04041608)
 4412500.0 | 3.21440 (04090524) 2.39851 (04090924)
3.97348 (04090924) 4.73531 (04090924) 4.24784 (04041608)
 4412000.0 | 3.04131 (04090524) 2.25217 (04122716)
3.32963 (04090924) 4.25562 (04090924) 3.98039 (04090924)
 4411500.0 | 2.86107 (04090524) 2.16910 (04122716)
2.78175 (04090924) 3.67997 (04090924) 3.85079 (04090924)
 4411000.0 | 18.19408 (04120724) 2.15276 (04091124)
2.19345 (04090924) 3.34185 (04090924) 3.60231 (04090924)
 4410500.0 | 3.49819 (04120724) 2.12721 (04091124)
1.90754 (04122716) 2.88972 (04090924) 3.38226 (04090924)
 4410000.0 | 6.10299 (04120724) 2.13625 (04091124)
1.85500 (04122716) 2.49616 (04090924) 3.12838 (04090924)

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
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 **MODELOPTs: RegDFAULT CONC

ELEV

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	538000.00	538500.00	539000.00
	539500.00	540000.00	
4425000.0	3.78697 (04122616)	4.39563 (04122616)	4.04107 (04122616)
	5.83789 (04040816)	6.65589 (04021308)	
4424500.0	6.76363 (04022608)	3.79683 (04122616)	3.80959 (04041016)
	7.54697 (04040616)	10.41256 (04021308)	
4424000.0	8.13001 (04022608)	3.49845 (04122616)	3.87357 (04041016)
	6.83459 (04041016)	14.01824 (04022616)	
4423500.0	12.60419 (04111924)	10.55433 (04111924)	5.07803 (04072516)
	3.66536 (04110116)	6.03501 (04110216)	
4423000.0	8.35553 (04111924)	6.98223 (04052816)	10.81200 (04052816)
	8.07154 (04082616)	4.78514 (04042316)	

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 4422500.0 |      4.61400 (04052816)      7.68783 (04052716)
10.62702 (04070516)     13.39522 (04070816)      9.38266 (04112616)
 4422000.0 |      5.03775 (04090624)      5.83397 (04070516)
7.01149 (04070416)      8.21933 (04070816)      6.06678 (04112616)
 4421500.0 |      4.52991 (04090624)      3.52969 (04070524)
5.40580 (04070524)      5.31885 (04071516)      3.85633 (04060916)
 4421000.0 |      3.46023 (04010216)      3.80191 (04070524)
5.34994 (04073024)      3.88435 (04071516)      3.85259 (04010416)
 4420500.0 |      3.46578 (04010216)      4.07401 (04070908)
4.91739 (04073024)      4.16888 (04010416)      4.21819 (04010416)
 4420000.0 |      4.64221 (04012224)      4.85454 (04012224)
4.46414 (04010416)      4.48422 (04010416)      4.41325 (04010416)
 4419500.0 |      5.92955 (04012224)      4.69789 (04010416)
4.72560 (04010416)      8.87069 (04021124)      7.03849 (04021124)
 4419000.0 |      4.79680 (04010416)      6.19784 (04021124)
5.88255 (04082908)     11.28549 (04082908)     19.56555 (04022624)
 4418500.0 |      4.56863 (04022016)      4.99625 (04041424)
4.88480 (04041424)     13.72084 (04022624)      9.58688 (04022624)
 4418000.0 |      4.57819 (04041424)      3.67270 (04041424)
3.19257 (04122916)     12.29046 (04061924)     20.12881 (04061924)
 4417500.0 |      4.58261 (04021016)     45.78065 (04062008)
11.31270 (04062008)     29.72600 (04062008)     30.57111 (04092524)
 4417000.0 |      3.36653 (04021016)     19.08107 (04091008)
14.77171 (04122608)     24.09811 (04091008)     27.13850 (04022008)
 4416500.0 |     27.09055 (04082408)     30.39717 (04082908)
21.93697 (04050608)     16.21938 (04050608)     17.84756 (04101008)
 4416000.0 |      3.46630 (04060524)     21.15724 (04092024)
21.02213 (04101024)     22.72910 (04101024)     20.38763 (04050608)
 4415500.0 |      2.18449 (04042316)      1.99808 (04060524)
10.42181 (04061008)     14.40817 (04092024)     25.92369 (04092024)
 4415000.0 |      3.10893 (04042316)      1.92290 (04042316)
2.04837 (04090524)      3.56486 (04060524)      9.11446 (04060524)
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 4414500.0 |      3.21995 (04042316)      2.50101 (04042316)
1.80862 (04090524)      1.87053 (04090524)      1.64263 (04090524)
 4414000.0 |      2.75950 (04042316)      2.59066 (04042316)
2.08588 (04042316)      1.67738 (04090524)      1.44660 (04090524)
 4413500.0 |      2.11159 (04042316)      2.40434 (04051524)
2.16261 (04042316)      1.79063 (04042316)      1.36667 (04042316)
 4413000.0 |      2.21861 (04041608)      2.39140 (04112208)
2.32045 (04112208)      1.85709 (04042316)      1.57403 (04042316)
 4412500.0 |      2.88124 (04041608)      1.58935 (04112208)
2.16649 (04112208)      2.17308 (04112208)      1.63192 (04042316)
 4412000.0 |      3.21152 (04041608)      2.04530 (04041608)
1.78875 (04112208)      2.23471 (04112208)      2.10607 (04112208)
 4411500.0 |      3.21074 (04041608)      2.37491 (04041608)
1.43837 (04041608)      1.93602 (04112208)      2.20808 (04112208)
 4411000.0 |      3.23423 (04090924)      2.56011 (04090424)
1.76449 (04090424)      1.55358 (04112208)      2.05495 (04112208)
 4410500.0 |      3.22833 (04090924)      2.67226 (04090424)
2.08419 (04090424)      1.45512 (04090424)      1.72828 (04112208)
 4410000.0 |      3.15801 (04090924)      2.70042 (04090424)
2.21614 (04090424)      1.67142 (04090424)      1.37421 (04112208)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
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                                   ***
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 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                  *** THE   1ST HIGHEST  8-HR AVERAGE
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CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	540500.00	541000.00	541500.00	542000.00	542500.00
4425000.0	12.25504 (04021308)	4.94787 (04021308)	4.96704 (04012916)	22.16783 (04093024)	16.58581 (04093024)
4424500.0	10.30504 (04021308)	7.18551 (04012916)	13.26133 (04093024)	17.73199 (04010408)	23.86659 (04010408)
4424000.0	11.04427 (04012916)	8.53449 (04052516)	12.92687 (04093024)	18.19987 (04021108)	15.43258 (04120124)
4423500.0	15.77304 (04052516)	9.82881 (04051416)	11.81251 (04050624)	14.32484 (04050624)	13.60051 (04120124)
4423000.0	9.29566 (04081216)	6.54176 (04021016)	8.77634 (04050624)	6.36605 (04032024)	4.60107 (04032024)
4422500.0	10.37977 (04042316)	5.26449 (04050624)	3.73153 (04020808)	3.44563 (04020808)	7.90148 (04010808)
4422000.0	6.30126 (04051516)	6.72669 (04042316)	3.57734 (04042316)	6.97671 (04010808)	9.80348 (04010808)
4421500.0	5.81874 (04112616)	4.76472 (04042316)			

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4.80932 (04042316)       5.97455 (04010808)     15.64543c(04100108)
 4421000.0 |       5.10277 (04090924)       4.81253 (04041608)
9.43463c(04100108)      36.59475c(04100108)     22.74521c(04122008)
 4420500.0 |       4.50678 (04090924)       5.86331 (04071324)
38.87527c(04100108)      33.08910c(04122008)     27.86566c(04122008)
 4420000.0 |       7.27771 (04021124)      23.11892 (04021124)
51.37089c(04100108)      33.76442c(04122008)      41.95539c(04100108)
 4419500.0 |      11.90464 (04082908)      25.96279 (04040524)
60.01220c(04100108)      50.40013c(04100108)      43.15863c(04100108)
 4419000.0 |      26.02726 (04022624)      23.86627 (04022624)
29.35119c(04100108)      27.29706c(04122008)      21.72886c(04122008)
 4418500.0 |       9.12189c(04100108)      13.75770c(04100108)
22.96239c(04100108)      25.02169 (04052508)      13.15935c(04122008)
 4418000.0 |      19.89803 (04061924)      16.17231 (04101724)
19.24042 (04101724)      14.94037 (04052424)      12.25109 (04052508)
 4417500.0 |      27.34658 (04022008)      25.10213 (04022008)
22.19212 (04022008)      20.85201 (04022008)      19.91361 (04022008)
 4417000.0 |      25.52997 (04022008)      21.67124 (04022008)
22.86566 (04050924)      21.10173 (04022008)      20.56746 (04050924)
 4416500.0 |      13.64067 (04022008)      15.41727 (04022008)
15.13764 (04022008)      14.95516 (04050924)      15.04525 (04050924)
 4416000.0 |      15.70070 (04050608)      12.61729 (04082908)
9.04083 (04101024)       5.88931 (04101024)      10.79161 (04052424)
 4415500.0 |      19.12267 (04092024)      18.23293 (04082908)
21.64983 (04082908)      14.74938 (04050608)      11.47067 (04050608)
 4415000.0 |      12.67739 (04092024)      15.47879 (04092024)
24.79175 (04092024)      14.51274 (04101024)      14.62951 (04050608)
 4414500.0 |       1.56015 (04122916)       4.28574 (04060524)
8.21787 (04022924)       9.65036 (04050608)      11.68931 (04092024)
 4414000.0 |       1.33969 (04122916)       1.39485 (04122916)
2.97890 (04060524)       7.67184 (04060524)       9.87354 (04060524)
 4413500.0 |       1.17284 (04122716)       1.20531 (04122916)
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1.26852 (04122916) 1.46013 (04090924) 2.78771 (04060524)
 4413000.0 | 1.24811 (04042316) 1.10159 (04122716)
1.09311 (04122916) 1.25531 (04090924) 1.55217 (04090924)
 4412500.0 | 1.41346 (04042316) 1.15189 (04042316)
1.01505 (04122716) 1.07862 (04090924) 1.35828 (04090924)
 4412000.0 | 1.60320 (04051524) 1.34369 (04021408)
1.08223 (04021408) 0.96184 (04090924) 1.20496 (04090924)
 4411500.0 | 2.12077 (04112208) 1.63004 (04051524)
1.32415 (04021408) 1.13770 (04021408) 1.07990 (04090924)
 4411000.0 | 2.18682 (04112208) 1.91531 (04112208)
1.46230 (04021408) 1.35548 (04021408) 1.16409 (04021408)
 4410500.0 | 2.06856 (04112208) 2.09281 (04112208)
1.83383 (04112208) 1.46973 (04021408) 1.32662 (04021408)
 4410000.0 | 1.83444 (04112208) 2.06514 (04112208)
2.06882 (04112208) 1.74880 (04112208) 1.42202 (04021408)
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
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 **MODELOPTs: RegDFAULT CONC
  ELEV

 *** THE 1ST HIGHEST 8-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
 INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

 *** NETWORK ID: PALZF000 ; NETWORK

TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 543000.00
4425000.0	26.06527 (04010408)
4424500.0	19.88981 (04010408)
4424000.0	12.19898 (04120124)
4423500.0	8.41979 (04032024)
4423000.0	11.81322 (04010808)
4422500.0	3.31237 (04010416)
4422000.0	19.19626c(04100108)
4421500.0	18.85858c(04122008)
4421000.0	13.76282c(04122008)
4420500.0	26.40222c(04122008)
4420000.0	34.96169c(04122008)
4419500.0	38.24121c(04100108)
4419000.0	22.23421c(04072808)
4418500.0	14.52205c(04072808)
4418000.0	12.60876 (04101724)
4417500.0	19.83602 (04022008)
4417000.0	19.92110 (04022008)
4416500.0	15.37172 (04022008)
4416000.0	15.51079 (04052508)
4415500.0	10.77188 (04052424)
4415000.0	14.06787 (04050608)

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 4414500.0 |     13.25180 (04050608)
 4414000.0 |     11.04424 (04092024)
 4413500.0 |      6.76733 (04060524)
 4413000.0 |      1.73664 (04090924)
 4412500.0 |      1.52380 (04090924)
 4412000.0 |      1.36870 (04090924)
 4411500.0 |      1.23818 (04090924)
 4411000.0 |      1.13248 (04090924)
 4410500.0 |      1.16753 (04021408)
 4410000.0 |      1.29250 (04021408)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/24/11
                                   ***
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 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                *** THE   1ST HIGHEST  8-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  3ALT-KUM ***
                                   INCLUDING SOURCE(S):      BACA1A   ,
BACA1B   , ON.ISIT., CALIK1   , CALIK2   , CALIK3   ,

                                        *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                      ** CONC OF NOX      IN
MICROGRAMS/M**3                        **
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      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        537268.00   4419321.00        6.05674  (04012224)
533288.00   4420664.00        3.64624  (04011816)
        530873.00   4418253.00        4.79063  (04012616)
532253.00   4419045.00        3.21085  (04012616)
        534268.00   4421987.00        2.94600  (04010116)
536366.00   4419557.00       10.58787  (04021308)
        534987.00   4418091.00       10.38013  (04041016)
530614.00   4415312.00        5.69086  (04122716)
        538946.00   4413223.00        2.21607  (04051524)
541693.00   4411996.00        1.00999  (04021408)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/24/11
                                   ***
                                   ***        19:46:59

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 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  1ALT     ***
                                   INCLUDING SOURCE(S):      BACA1A  ,
BACA1B  ,

                                    *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***
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** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)		
	528000.00	528500.00	529000.00
	529500.00	530000.00	
4425000.0	5.55917c(04122024)	7.57994c(04122024)	9.16409c(04122024)
	9.71136c(04122024)	7.76806c(04122024)	
4424500.0	5.83554c(04122024)	7.57888c(04122024)	7.36605c(04122024)
	9.20651c(04120424)	10.38387c(04120424)	
4424000.0	3.36057c(04122024)	5.67512c(04122024)	5.02746c(04122024)
	6.24249c(04120424)	9.27283c(04120424)	
4423500.0	1.30857c(04122024)	2.13574c(04122024)	4.79227 (04040824)
	7.52221 (04040824)	7.91093 (04071924)	
4423000.0	0.70616c(04011224)	0.75396c(04011224)	1.52524 (04040824)
	5.32190 (04040824)	5.00671 (04040824)	
4422500.0	0.72886c(04011224)	0.78940c(04011224)	0.79936c(04011224)
	1.05505 (04040824)	1.85141 (04040824)	
4422000.0	0.71608c(04011224)	0.78738c(04011224)	0.83051c(04011224)
	0.89258c(04011224)	0.98118c(04011224)	
4421500.0	0.68141c(04011224)	0.74351c(04011224)	0.81002c(04011224)
	0.87793c(04011224)	0.94434c(04011224)	
4421000.0	0.63058c(04011224)	0.68707c(04011224)	0.74779c(04011224)
	0.81134c(04011224)	0.87634c(04011224)	
4420500.0	0.60355 (04012624)	0.62810c(04011224)	0.68192c(04011224)
	0.73911c(04011224)	0.80178c(04011224)	
4420000.0	0.74283 (04012624)	0.73101 (04012624)	

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0.71500 (04012624)      0.69132 (04012624)      0.72644c(04011224)
 4419500.0 |       0.89707 (04012624)       0.88883 (04012624)
0.88575 (04012624)      0.87638 (04012624)      0.85814 (04012624)
 4419000.0 |       1.04913 (04012624)       1.04433 (04012624)
1.05774 (04012624)      1.06631 (04012624)      1.07025 (04012624)
 4418500.0 |       1.21527 (04012624)       1.18817 (04012624)
1.20761 (04012624)      1.24001 (04012624)      1.26484 (04012624)
 4418000.0 |       1.38776 (04012624)       1.29250 (04012624)
1.31832 (04012624)      1.35727 (04012624)      1.40317 (04012624)
 4417500.0 |       1.48859 (04012324)       1.50729 (04012324)
1.52376 (04012324)      1.53061 (04012324)      1.52553 (04012324)
 4417000.0 |       1.35671 (04012324)       1.35166 (04012324)
1.34150 (04012324)      1.35095 (04012624)      1.39118 (04012624)
 4416500.0 |       1.16555 (04012624)       1.16624 (04012624)
1.19455 (04012624)      1.21830 (04012624)      1.23650 (04012624)
 4416000.0 |       1.05046 (04011924)       1.13987 (04011024)
1.30370 (04011024)      1.40587 (04011024)      1.32448 (04011924)
 4415500.0 |       1.83587 (04011024)      10.72078 (04041324)
1.68452 (04011024)      1.42811 (04011924)      1.33437 (04011924)
 4415000.0 |       9.13049c(04102624)       3.52950 (04121624)
3.33768 (04062924)      1.57659 (04030824)      1.07556 (04011924)
 4414500.0 |       8.06280 (04121624)      21.27058 (04020424)
16.34422 (04020424)      4.70226 (04020424)      1.37386c(04122724)
 4414000.0 |      12.46437 (04020424)       9.05014 (04122224)
4.03419 (04020424)      1.56690c(04122724)      1.71867c(04122724)
 4413500.0 |       4.62573 (04020424)       4.09643 (04102124)
7.86933 (04092924)      9.35477 (04092924)      1.91779c(04122724)
 4413000.0 |       5.74696 (04102124)      10.21624 (04111324)
22.52372 (04092924)      12.58007 (04092924)      1.98248c(04122724)
 4412500.0 |      10.56649 (04111324)      19.14127 (04092924)
18.94543 (04111324)      1.93506c(04122724)      1.98320c(04122724)
 4412000.0 |      18.09357 (04111324)       4.75151 (04091324)
```

4.15283 (04092724)   1.85103c(04122724)   3.95836 (04092724)
 4411500.0 | 22.50685 (04111324)   2.33938 (04092724)
1.88500c(04122724)   1.78277c(04122724)   3.05595 (04101924)
 4411000.0 | 19.07342 (04092724)   2.25979 (04092724)
8.55324c(04042524)   3.85669 (04101924)   1.48682 (04031124)
 4410500.0 | 1.64402c(04122724)   3.42027 (04092724)
3.56394c(04042524)   5.44202 (04031124)   2.82292 (04031124)
 4410000.0 | 2.76689 (04092724)   6.14621 (04031124)
5.14253 (04031124)   2.17501 (04031124)   1.59287 (04031124)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
                                  ***
                                  ***   19:46:59

                                            PAGE 80
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 1ALT   ***
                                  INCLUDING SOURCE(S):   BACA1A ,
BACA1B ,

                                   *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD

```
(METERS)
  (METERS) |       530500.00               531000.00
531500.00              532000.00              532500.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 4425000.0 |      4.93954c(04122024)      4.49930 (04012724)
4.85259 (04012724)     10.72593 (04012724)      8.81167 (04012724)
 4424500.0 |      6.57571c(04120424)      6.90650c(04122024)
5.86103 (04012724)     11.82104 (04012724)     15.81118 (04012724)
 4424000.0 |     10.04098c(04120424)      9.09901c(04122024)
6.45697c(04122024)      9.74581 (04012724)     13.44580 (04011824)
 4423500.0 |     11.72533c(04120424)     10.96391c(04122024)
7.29821c(04122024)      5.50515 (04012724)     12.20230 (04011824)
 4423000.0 |      8.98378c(04120424)     11.35872c(04120424)
8.89874c(04120424)      2.27318 (04020324)      6.70645 (04011824)
 4422500.0 |      9.36021 (04040824)     10.35642 (04071924)
10.83914 (04071924)      3.12839 (04071924)      2.49484 (04011824)
 4422000.0 |      5.93935 (04040824)      4.05741 (04040824)
3.26886 (04071924)      1.87562 (04071924)      3.13600 (04071924)
 4421500.0 |      0.95732c(04011224)      1.05396c(04011224)
1.07401c(04011224)      6.31362 (04071924)      3.99138 (04071924)
 4421000.0 |      0.95367c(04011224)      0.99146c(04011224)
1.03055c(04011224)      4.64551 (04071924)      1.12885c(04011224)
 4420500.0 |      0.88626c(04011224)      0.92792c(04011224)
0.98902c(04011224)      1.10271c(04011224)      2.44663 (04071924)
 4420000.0 |      0.79354c(04011224)      0.86000c(04011224)
0.94440c(04011224)      1.06616c(04011224)      1.14571c(04011224)
 4419500.0 |      0.82736 (04012624)      0.79277c(04011224)
0.88576c(04011224)      0.99468c(04011224)      1.12434c(04011224)
 4419000.0 |      1.06322 (04012624)      1.03970 (04012624)
0.99969 (04012624)      2.53410 (04012424)      1.07435c(04011224)
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 4418500.0 |      1.28594 (04012624)      1.30041 (04012624)
3.86089 (04011524)     11.73685 (04011524)     10.93400 (04011524)
 4418000.0 |      1.45190 (04012624)      1.52539 (04012624)
2.10296 (04012624)      6.19885 (04071124)      8.35083 (04012624)
 4417500.0 |      1.51072 (04012624)      1.85910 (04012624)
6.85860 (04110624)     49.39726 (04110624)     41.81709 (04110624)
 4417000.0 |      1.43767 (04012624)      2.20071 (04012624)
11.63120 (04012624)      9.82959 (04012624)     22.57639 (04030224)
 4416500.0 |      1.25167 (04012624)      2.54825 (04070224)
22.62090 (04041324)     31.06114 (04123124)     34.26333 (04122224)
 4416000.0 |      1.32017 (04011924)      1.62214 (04030824)
36.31680 (04030824)     28.56152 (04122224)     23.13771 (04122224)
 4415500.0 |      1.23606 (04011924)      4.44511 (04062924)
15.50729 (04020424)     16.89541 (04121024)     24.31129 (04121024)
 4415000.0 |      1.18347c(04122724)      1.50640c(04122724)
23.12222 (04092924)     28.85335 (04111324)     30.24333 (04031124)
 4414500.0 |      1.59298c(04122724)      4.02741 (04092924)
44.91966 (04111324)     26.18805 (04031124)     18.00463 (04031124)
 4414000.0 |      1.89013c(04122724)      6.70251 (04091324)
34.48969 (04092724)     19.17976 (04031124)     11.25807 (04031124)
 4413500.0 |      2.06618c(04122724)     23.69249 (04092724)
14.56380c(04042524)     11.12478 (04031124)      5.14353 (04111224)
 4413000.0 |      7.49212 (04092724)     11.99821 (04031124)
9.57332 (04031124)      3.97847 (04031124)      5.22169 (04111224)
 4412500.0 |     10.93223c(04042524)      6.43523 (04031124)
5.61877 (04031124)      2.90104 (04111224)      3.64892 (04111224)
 4412000.0 |      6.12289 (04031124)      5.68992 (04031124)
3.36309 (04111224)      5.96184 (04111224)      6.14096 (04123124)
 4411500.0 |      4.36766 (04031124)      2.15102 (04031124)
3.57966 (04111224)      4.42844 (04111224)      3.82343 (04082724)
 4411000.0 |      2.71600 (04031124)      2.05853 (04111224)
3.13903 (04111224)      6.73464 (04123124)      2.79497 (04073024)
```

 4410500.0 | 2.21294 (04111224)   3.46837 (04111224)
3.49192 (04111224)   3.59586 (04082724)   16.25451 (04123124)
 4410000.0 | 2.93628 (04111224)   4.02413 (04111224)
4.11884 (04123124)   6.12696 (04123124)   10.20876 (04073024)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/24/11
                                   ***
                                   ***   19:46:59

                                              PAGE 81
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 1ALT   ***
                                   INCLUDING SOURCE(S):   BACA1A ,
BACA1B ,

                                    *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD
(METERS)
  (METERS) | 533000.00   533500.00
534000.00   534500.00   535000.00
 -
- -

```
 4425000.0 |     14.48546 (04012724)      8.81954 (04040624)
1.72160 (04040624)      0.94395 (04120224)      3.24110 (04021924)
 4424500.0 |     15.36279 (04012724)      7.14111 (04040624)
0.73561 (04012724)      0.79374 (04112724)      1.37030 (04012024)
 4424000.0 |     14.74920 (04012724)      9.18299 (04040624)
0.73624c(04011224)      0.80273 (04011124)      1.03792 (04112724)
 4423500.0 |     25.42400 (04011824)      5.50861 (04011824)
0.76625c(04011224)      0.83566 (04011124)      1.00790 (04112724)
 4423000.0 |     16.79259 (04011824)      6.48692 (04011824)
0.80814c(04011224)      0.87121 (04011124)      1.00454 (04112724)
 4422500.0 |      4.40508 (04011824)      1.68853 (04011824)
1.01931 (04011824)      0.91056 (04011124)      1.01096 (04011124)
 4422000.0 |      1.43552 (04011824)      1.03296 (04011824)
0.91377c(04011224)      0.95465 (04011124)      1.10161 (04112024)
 4421500.0 |      1.11401 (04011824)      1.10707 (04011824)
0.98932 (04011824)      0.99972 (04011124)      1.25388 (04112024)
 4421000.0 |      1.12233 (04011824)      1.16528 (04011824)
1.08993 (04011824)      1.03008 (04011124)      1.42942 (04112024)
 4420500.0 |      1.18433c(04011224)      1.21410 (04011824)
1.19876 (04011824)      1.11554c(04011224)      1.70317 (04041424)
 4420000.0 |      1.22102c(04011224)      1.29979c(04011224)
1.29442c(04011224)      1.60223 (04011824)      2.03772 (04041424)
 4419500.0 |      1.27008c(04011224)      1.40055c(04011224)
1.42732c(04011224)      2.72209 (04011824)      2.87539 (04040624)
 4419000.0 |      1.31569c(04011224)      2.15423 (04040824)
1.50522c(04011224)      5.28331 (04011824)      3.88544 (04040624)
 4418500.0 |     25.36691 (04012424)      4.77168 (04031024)
1.50087c(04011224)      1.99906 (04041024)      4.51426 (04040624)
 4418000.0 |     14.57792 (04012624)     18.34250 (04012524)
9.88749 (04012424)      2.04905 (04061324)      3.80627 (04041024)
 4417500.0 |     54.63151 (04012624)     61.29303 (04012624)
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113.46652 (04110624)   26.27912 (04112924)   4.13218 (04060424)
 4417000.0 | 35.92130 (04030224)   46.59750 (04123124)
24.23811 (04062924)   39.18904 (04092924)   13.53403 (04070424)
 4416500.0 | 39.95031 (04122224)   23.88844 (04020424)
29.94621 (04092924)   6.28337 (04070524)   9.84526 (04070824)
 4416000.0 | 30.50062 (04111324)   73.42419 (04092724)
4.31379 (04090624)   5.78039 (04070424)   5.64187 (04070824)
 4415500.0 | 38.81426 (04111324)   11.02641c(04042524)
2.90099 (04070424)   4.92427 (04070924)   3.67357 (04090524)
 4415000.0 | 17.38872c(04042524)   1.65176 (04070424)
3.99701 (04070924)   3.91913 (04070824)   3.11117 (04090524)
 4414500.0 | 2.23258 (04031124)   2.42280 (04101324)
4.05571 (04070924)   3.20317 (04073024)   2.65871 (04090524)
 4414000.0 | 4.44310 (04111224)   13.20655 (04123124)
3.63067 (04073024)   2.39411 (04073024)   2.33977 (04090524)
 4413500.0 | 10.06830 (04111224)   28.65387 (04123124)
3.24451 (04073024)   1.82432 (04073024)   2.10073 (04090524)
 4413000.0 | 7.17004 (04123124)   11.20650 (04073024)
4.09563 (04073024)   1.51421 (04090524)   1.92568 (04090524)
 4412500.0 | 4.77079 (04061424)   3.60917 (04073024)
2.02262 (04073024)   1.47242 (04090524)   1.81626 (04090524)
 4412000.0 | 4.70974 (04073024)   2.06440 (04073024)
1.50364 (04073024)   1.40115 (04090524)   1.64828 (04090524)
 4411500.0 | 4.40667 (04073024)   1.72818 (04073024)
1.34692 (04073024)   3.34291 (04090524)   1.80735 (04090524)
 4411000.0 | 4.21471 (04073024)   2.80280 (04111024)
4.43131 (04111124)   3.66960 (04090524)   1.94090 (04090524)
 4410500.0 | 10.04601 (04111024)   13.45447 (04111124)
6.38650 (04111124)   3.53624 (04090524)   3.67049 (04110824)
 4410000.0 | 24.75175 (04111124)   14.55499 (04111124)
3.28254 (04111124)   4.39257 (04110824)   8.64340 (04110824)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	535500.00	536000.00	536500.00	537000.00	537500.00
4425000.0	0.99487 (04112724)	0.81183 (04112724)	0.89769 (04120724)	1.10759 (04021524)	2.62383 (04032524)
4424500.0	1.04678 (04112724)	0.82991 (04120724)	0.93544 (04021524)	1.27046 (04021524)	1.58173 (04021524)

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 4424000.0 |      1.03572 (04112724)      0.84142 (04120724)
1.05306 (04021524)      1.49426 (04021524)      1.78182 (04021524)
 4423500.0 |      1.02979 (04112724)      0.87328 (04011124)
1.30174 (04021524)      1.74729 (04021524)      1.99368 (04021524)
 4423000.0 |      1.03565 (04112724)      0.98664 (04112024)
1.55842 (04021524)      2.09330 (04021524)      2.15793 (04021524)
 4422500.0 |      1.14751 (04112024)      1.21650 (04021524)
1.96038 (04021524)      2.40331 (04021524)      2.22233 (04021524)
 4422000.0 |      1.30943 (04112024)      1.40500 (04021524)
2.33251 (04021524)      2.93324 (04021524)      2.08144 (04021524)
 4421500.0 |      1.53455 (04112024)      1.79232 (04021524)
2.97472 (04021524)      2.84321 (04021524)      1.75004 (04021524)
 4421000.0 |      1.80912 (04112024)      2.53054 (04021524)
3.38939 (04021524)      2.66176 (04021524)      1.37496 (04021224)
 4420500.0 |      2.19573 (04112024)      3.17492 (04021524)
3.79725 (04021524)      2.30357 (04021224)      0.89954 (04021224)
 4420000.0 |      2.65791 (04112024)      4.29990 (04021224)
3.77954 (04021224)      1.74472 (04021224)      1.14652 (04053124)
 4419500.0 |      3.75903 (04092524)      6.39706 (04021324)
3.38431 (04021324)      1.42671 (04050724)      1.91441 (04012224)
 4419000.0 |      4.34549 (04021224)      7.25364 (04021324)
2.22596 (04050724)      2.41001 (04012224)      2.12907 (04012224)
 4418500.0 |      8.06201 (04021324)      3.86802 (04021324)
3.50997 (04050724)      2.88091 (04051224)      2.74768 (04051224)
 4418000.0 |      5.08996 (04022624)      5.31399 (04050924)
6.53206 (04051224)      4.59063 (04051224)      2.98154 (04051224)
 4417500.0 |      1.54053 (04060724)      5.73644 (04082924)
4.92174 (04051424)      3.66550 (04021024)      2.76402 (04021024)
 4417000.0 |      3.81460 (04051524)      3.57419 (04081224)
3.08214 (04021024)      2.75460 (04021024)      2.11553 (04021024)
 4416500.0 |      4.34648 (04060924)      6.10076 (04051524)
3.11445 (04051524)      1.54659 (04021024)      4.92126 (04022124)
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 4416000.0 | 3.29346 (04062424)   3.56128 (04041624)
3.81683 (04051524)   2.14472 (04051524)   0.87983 (04051524)
 4415500.0 | 2.37205 (04062424)   3.62811 (04041624)
2.65320 (04051524)   2.71241 (04051524)   1.61004 (04051524)
 4415000.0 | 2.04096 (04090524)   2.96013 (04090924)
2.64090 (04041624)   2.07692 (04051524)   1.93691 (04051524)
 4414500.0 | 1.85340 (04090524)   2.29877 (04090924)
2.64983 (04041624)   1.57194 (04041624)   1.69169 (04051524)
 4414000.0 | 1.68471 (04090524)   1.73048 (04090924)
2.40162 (04090924)   1.88660 (04041624)   1.52741 (04112224)
 4413500.0 | 1.56581 (04090524)   1.39332 (04090924)
2.09187 (04090924)   1.94056 (04041624)   1.17093 (04041624)
 4413000.0 | 1.44477 (04090524)   2.68955 (04110824)
1.72292 (04090924)   1.87933 (04090924)   1.40402 (04041624)
 4412500.0 | 1.33725 (04090524)   0.88430 (04090924)
1.43067 (04090924)   1.69691 (04090924)   1.43477 (04041624)
 4412000.0 | 1.26021 (04090524)   0.64395c(04122724)
1.19756 (04090924)   1.51863 (04090924)   1.42994 (04090924)
 4411500.0 | 1.21157 (04090524)   0.64679 (04090524)
0.99935 (04090924)   1.31236 (04090924)   1.37458 (04090924)
 4411000.0 | 7.11977 (04110824)   0.65620 (04090524)
0.79252 (04090924)   1.18753 (04090924)   1.28076 (04090924)
 4410500.0 | 1.48397 (04110824)   0.66085 (04090524)
0.66318 (04090924)   1.02648 (04090924)   1.19754 (04090924)
 4410000.0 | 2.48593 (04110824)   0.66814 (04090524)
0.56461 (04090924)   0.88778 (04090924)   1.10385 (04090924)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
                                  ***
                                  ***   19:46:59

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 **MODELOPTs:  RegDFAULT CONC
  ELEV


                              *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  1ALT     ***
                                  INCLUDING SOURCE(S):      BACA1A  ,
BACA1B  ,

                                   *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***

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

  Y-COORD  |                                                  X-COORD
(METERS)
  (METERS) |       538000.00              538500.00
539000.00              539500.00              540000.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 4425000.0 |      1.63613 (04021524)      1.46032 (04122624)
1.34600 (04122624)      1.13904 (04122624)      0.96475 (04122624)
 4424500.0 |      3.11338 (04021524)      1.48741 (04021524)
1.18050 (04122624)      1.02899 (04122624)      0.88171 (04122624)
 4424000.0 |      4.06541 (04022624)      1.48242 (04021524)
1.11604 (04122624)      0.93764 (04122624)      0.80733 (04122624)
 4423500.0 |      4.74602 (04022624)      3.94106 (04111924)
1.07992 (04122624)      0.85658 (04122624)      1.05459c(04011224)
 4423000.0 |      3.27655 (04111924)      1.16083 (04122624)
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0.90976 (04122624)      0.76593 (04122624)      0.95051 (04010424)
 4422500.0 |       1.44395 (04021524)      0.90615 (04122624)
0.79191 (04122624)      0.74034 (04010424)      1.01478 (04010424)
 4422000.0 |       1.11530 (04021524)      0.77398 (04010224)
0.78628 (04010224)      0.90775 (04010424)      1.08653 (04010824)
 4421500.0 |       0.83080 (04021224)      0.82119 (04010224)
0.89541 (04010424)      1.14940 (04010524)      1.32350 (04010524)
 4421000.0 |       0.85177 (04010224)      0.93170 (04010424)
1.27475 (04010524)      1.46215 (04010524)      1.46099 (04010524)
 4420500.0 |       1.00035 (04053124)      1.41732 (04010524)
1.66202 (04010524)      1.52172 (04010524)      1.36569 (04010424)
 4420000.0 |       1.59438 (04010524)      1.76272 (04010524)
1.57409 (04010524)      1.46335 (04010424)      1.44832 (04010424)
 4419500.0 |       2.65902 (04010824)      1.56382 (04060124)
1.55072 (04010424)      3.22410 (04021124)      2.89000 (04032524)
 4419000.0 |       1.75593 (04060124)      2.41558 (04021124)
2.80053 (04032524)      6.01872 (04051124)      7.18428 (04022624)
 4418500.0 |       2.38142 (04051224)      1.99649 (04051224)
1.72872 (04022024)      4.69637 (04022624)      3.25052 (04022624)
 4418000.0 |       2.09674 (04051424)      1.74748 (04051424)
1.41829 (04051424)      4.35114 (04061924)      6.90427 (04061924)
 4417500.0 |       2.16648 (04021024)     15.65743 (04062024)
4.19356 (04082924)     10.15355 (04062024)     12.18775 (04022224)
 4417000.0 |       1.67236 (04021024)      6.50467 (04091024)
4.95354 (04122624)      8.55566 (04122524)      9.21745 (04022024)
 4416500.0 |       9.40694 (04082424)     10.29080 (04082924)
7.32559 (04050624)      5.41644 (04050624)      4.60259 (04100924)
 4416000.0 |       1.25757 (04060524)      7.15944 (04092024)
7.39192 (04122924)      7.66078 (04101024)      6.80281 (04050624)
 4415500.0 |       0.77522 (04042324)      0.75310 (04022924)
3.57006 (04021124)      4.93742 (04022924)      8.70606 (04092024)
 4415000.0 |       1.25854 (04051524)      0.68945 (04042324)
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0.48625 (04122924)      1.26066 (04022924)      3.08615 (04060524)
 4414500.0 |       1.52707 (04112224)      1.06266 (04051524)
0.61315 (04042324)      0.41158 (04122924)      0.47651 (04122924)
 4414000.0 |       1.76504 (04112224)      1.50750 (04112224)
0.90238 (04112224)      0.54888 (04042324)      0.38765 (04042324)
 4413500.0 |       1.46758 (04112224)      1.75015 (04112224)
1.44594 (04112224)      0.87661 (04112224)      0.49648 (04042324)
 4413000.0 |       1.04082 (04112224)      1.59870 (04112224)
1.64800 (04112224)      1.32362 (04112224)      0.83322 (04112224)
 4412500.0 |       0.97422 (04041624)      1.12746 (04112224)
1.46203 (04112224)      1.51497 (04112224)      1.20661 (04112224)
 4412000.0 |       1.09057 (04041624)      0.82363 (04112224)
1.19498 (04112224)      1.45591 (04112224)      1.43974 (04112224)
 4411500.0 |       1.12975 (04090924)      0.81231 (04041624)
0.91775 (04112224)      1.23677 (04112224)      1.41265 (04112224)
 4411000.0 |       1.15742 (04090924)      0.87332 (04090924)
0.69241 (04112224)      0.99927 (04112224)      1.26214 (04112224)
 4410500.0 |       1.14730 (04090924)      0.93816c(04121424)
0.68191c(04121424)      0.80395 (04112224)      1.06566 (04112224)
 4410000.0 |       1.11629 (04090924)      0.99649c(04121424)
0.76151c(04121424)      0.62379 (04112224)      0.86008 (04112224)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/24/11
                                  ***
                                  ***        19:46:59

                                             PAGE  84

 **MODELOPTs:  RegDFAULT CONC
  ELEV
```

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	540500.00	541000.00	541500.00	542000.00	542500.00
4425000.0	0.82775 (04122624)	0.72979 (04122624)	1.32361c(04011224)	6.84309c(04011224)	6.78345 (04100824)
4424500.0	0.76628 (04122624)	0.88023c(04011224)	5.00266c(04011224)	6.95126 (04100824)	9.57313 (04012824)
4424000.0	0.76409c(04011224)	3.38259 (04100824)	5.35177 (04100824)	8.22086 (04012824)	7.78250 (04012824)
4423500.0	1.85967 (04100824)	2.78088 (04100824)	4.81456 (04012824)	6.10563 (04012824)	6.94764 (04012824)
4423000.0	1.42095 (04010424)	2.02768 (04012824)	2.94659 (04050624)	2.41077 (04010824)	2.24501 (04010824)
4422500.0	1.27168 (04010824)	2.01489 (04010824)	1.80508 (04010824)	1.85808 (04010824)	3.68594 (04010824)
4422000.0	1.28728 (04010824)	1.43477 (04010824)	1.33511 (04010824)	3.28921 (04010824)	3.99219 (04010824)

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 4421500.0 |      1.35218 (04010524)      1.49004 (04010824)
2.44031 (04010824)      2.61809 (04010824)      4.86885c(04100124)
 4421000.0 |      1.40127 (04010824)      1.54614 (04010824)
3.00484c(04100124)     11.25927c(04100124)      8.89747c(04122024)
 4420500.0 |      1.36463 (04010424)      2.15927 (04021124)
11.99500c(04100124)     12.14720c(04122024)      9.92891c(04122024)
 4420000.0 |      2.63309 (04021124)      7.95994 (04021124)
15.83071c(04100124)     11.78467c(04122024)     13.64180c(04122024)
 4419500.0 |      4.77288 (04051124)      8.67268 (04040524)
18.48108c(04100124)     15.54245c(04100124)     13.32150c(04100124)
 4419000.0 |      9.17495 (04022624)      8.25724 (04022624)
9.18164c(04100124)      9.57655c(04122024)      7.70315c(04122024)
 4418500.0 |      3.12221c(04100124)      4.48482c(04100124)
7.23943c(04100124)      4.75958c(04122024)      5.06334c(04122024)
 4418000.0 |      6.80001 (04061924)      6.72128 (04122524)
6.42307 (04101724)      5.50546c(04122024)      4.96398c(04122024)
 4417500.0 |      9.42732 (04022024)      8.64924 (04022024)
7.64280 (04022024)      7.17803 (04022024)      6.85064 (04022024)
 4417000.0 |      8.67861 (04022024)      7.36680 (04022024)
7.71700 (04050924)      7.17189 (04022024)      6.93765 (04050924)
 4416500.0 |      4.64013 (04022024)      5.22792 (04022024)
5.13698 (04022024)      5.06154 (04050924)      5.08729 (04050924)
 4416000.0 |      5.23945 (04050624)      4.27749 (04082924)
3.08561 (04101024)      2.03689 (04101024)      2.76899 (04120524)
 4415500.0 |      6.43351 (04092024)      6.11993 (04082924)
7.25822 (04082924)      4.91596 (04050624)      3.81706 (04050624)
 4415000.0 |      4.28500 (04092024)      5.21188 (04092024)
8.31678 (04092024)      5.02088 (04122924)      4.87689 (04050624)
 4414500.0 |      0.49122 (04122924)      1.46104 (04060524)
2.83921 (04022924)      3.22752 (04061024)      3.93731 (04092024)
 4414000.0 |      0.38899 (04122924)      0.44579 (04122924)
1.02373 (04060524)      2.59990 (04022924)      3.32024 (04060524)
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 4413500.0 |      0.36910 (04042324)      0.34680 (04122924)
0.37444 (04122924)      0.42587 (04122924)      0.95510 (04060524)
 4413000.0 |      0.45405 (04042324)      0.35126 (04042324)
0.30973 (04122924)      0.33270 (04122924)      0.35716 (04122924)
 4412500.0 |      0.84058 (04112224)      0.44951 (04112224)
0.33472 (04042324)      0.27870 (04122924)      0.29803 (04122924)
 4412000.0 |      1.19027 (04112224)      0.79711 (04112224)
0.47097 (04112224)      0.31944 (04042324)      0.25577 (04042324)
 4411500.0 |      1.42632 (04112224)      1.16469 (04112224)
0.76443 (04112224)      0.46327 (04112224)      0.30598 (04042324)
 4411000.0 |      1.37554 (04112224)      1.28021 (04112224)
1.03520 (04112224)      0.74061 (04112224)      0.47830 (04112224)
 4410500.0 |      1.25974 (04112224)      1.31452 (04112224)
1.21697 (04112224)      0.99025 (04112224)      0.72399 (04112224)
 4410000.0 |      1.10068 (04112224)      1.24275 (04112224)
1.28002 (04112224)      1.15469 (04112224)      0.94425 (04112224)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/24/11
                                   ***
                                   ***        19:46:59

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 **MODELOPTs:  RegDFAULT CONC
  ELEV


                               *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  1ALT     ***
                                  INCLUDING SOURCE(S):      BACA1A  ,
BACA1B  ,
```

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 543000.00
4425000.0	9.32942 (04010424)
4424500.0	10.42613 (04012824)
4424000.0	6.13082 (04012824)
4423500.0	3.16436 (04021124)
4423000.0	5.18811 (04010824)
4422500.0	1.02110 (04010424)
4422000.0	6.46972c(04122024)
4421500.0	7.99079c(04122024)
4421000.0	5.07138c(04122024)
4420500.0	9.23652c(04122024)
4420000.0	12.06457c(04122024)
4419500.0	11.80303c(04100124)
4419000.0	6.23065c(04122024)
4418500.0	3.41673c(04122024)
4418000.0	4.75798c(04122024)
4417500.0	6.81951 (04022024)
4417000.0	6.77409 (04022024)
4416500.0	5.20763 (04022024)
4416000.0	2.38601 (04120524)
4415500.0	3.01713 (04122924)

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 4415000.0 |      4.68755 (04050624)
 4414500.0 |      4.41738 (04050624)
 4414000.0 |      3.72229 (04092024)
 4413500.0 |      2.28305 (04060524)
 4413000.0 |      0.38369 (04122924)
 4412500.0 |      0.31564 (04122924)
 4412000.0 |      0.26975 (04122924)
 4411500.0 |      0.25121 (04042324)
 4411000.0 |      0.29462 (04042324)
 4410500.0 |      0.50182 (04112224)
 4410000.0 |      0.73111 (04112224)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/24/11
                                   ***
                                   ***        19:46:59

                                              PAGE  86
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  1ALT     ***
                                   INCLUDING SOURCE(S):      BACA1A   ,
BACA1B   ,

                                         *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                       ** CONC OF NOX      IN
MICROGRAMS/M**3                         **
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      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        537268.00   4419321.00        2.01476  (04012224)
533288.00   4420664.00        1.17140  (04011824)
        530873.00   4418253.00        1.40745  (04012624)
532253.00   4419045.00        1.01350c (04011224)
        534268.00   4421987.00        0.88452c (04011224)
536366.00   4419557.00        4.50462  (04021324)
        534987.00   4418091.00        3.82918  (04041024)
530614.00   4415312.00        1.09257  (04011924)
        538946.00   4413223.00        1.61871  (04112224)
541693.00   4411996.00        0.37493  (04112224)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/24/11
                                  ***
                                  ***        19:46:59

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 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  2ALT     ***
                                   INCLUDING SOURCE(S):      BACA1A   ,
BACA1B   , ON.ISIT.,

                                    *** NETWORK ID: PALZF000 ;  NETWORK
```

TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	528000.00	528500.00	529000.00	529500.00	530000.00
4425000.0	5.55961c(04122024)	7.58041c(04122024)	9.16458c(04122024)	9.71186c(04122024)	7.76856c(04122024)
4424500.0	5.83598c(04122024)	7.57936c(04122024)	7.36656c(04122024)	9.20677c(04120424)	10.38423c(04120424)
4424000.0	3.36100c(04122024)	5.67558c(04122024)	5.02797c(04122024)	6.24272c(04120424)	9.27315c(04120424)
4423500.0	1.30897c(04122024)	2.13619c(04122024)	4.79228 (04040824)	7.52222 (04040824)	7.91290 (04071924)
4423000.0	0.70756c(04011224)	0.75575c(04011224)	1.52525 (04040824)	5.32191 (04040824)	5.00672 (04040824)
4422500.0	0.73026c(04011224)	0.79126c(04011224)	0.80125c(04011224)	1.05506 (04040824)	1.85147 (04040824)
4422000.0	0.71725c(04011224)	0.78885c(04011224)	0.83243c(04011224)	0.89526c(04011224)	0.98496c(04011224)
4421500.0	0.68315c(04011224)	0.74483c(04011224)	0.81155c(04011224)	0.87996c(04011224)	0.94720c(04011224)
4421000.0	0.63265c(04011224)	0.68903c(04011224)	0.74984c(04011224)	0.81323c(04011224)	0.87851c(04011224)
4420500.0	0.60474 (04012624)	0.63110c(04011224)	0.68495c(04011224)	0.74184c(04011224)	0.80373c(04011224)

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 4420000.0 |      0.74383 (04012624)      0.73326 (04012624)
0.71726 (04012624)      0.69340 (04012624)      0.72932c(04011224)
 4419500.0 |      0.89853 (04012624)      0.89243 (04012624)
0.88911 (04012624)      0.87925 (04012624)      0.86106 (04012624)
 4419000.0 |      1.05233 (04012624)      1.06067 (04012624)
1.07030 (04012624)      1.07278 (04012624)      1.07478 (04012624)
 4418500.0 |      1.22218 (04012624)      1.24471 (04012624)
1.26100 (04012624)      1.28511 (04012624)      1.28120 (04012624)
 4418000.0 |      1.39995 (04012624)      1.43315 (04012624)
1.49650 (04012624)      1.47103 (04012624)      1.47071 (04012624)
 4417500.0 |      1.49340 (04012324)      1.51248 (04012324)
1.55068 (04012624)      1.57293 (04012624)      1.53244 (04012324)
 4417000.0 |      1.36109 (04012324)      1.35642 (04012324)
1.42812 (04012624)      1.47642 (04012624)      1.46598 (04012624)
 4416500.0 |      1.16973 (04012624)      1.18042 (04012624)
1.20728 (04012624)      1.23236 (04012624)      1.25226 (04012624)
 4416000.0 |      1.05797 (04011924)      1.14904 (04011024)
1.31621 (04011024)      1.42124 (04011024)      1.34484 (04011924)
 4415500.0 |      1.84803 (04011024)     10.72173 (04041324)
1.69663 (04011024)      1.44493 (04011924)      1.35470 (04011924)
 4415000.0 |      9.13107c(04102624)      3.53983 (04121624)
3.34740 (04062924)      1.58105 (04030824)      1.08335 (04011924)
 4414500.0 |      8.06705 (04121624)     21.27081 (04020424)
16.34439 (04020424)      4.70246 (04020424)      1.39757c(04122724)
 4414000.0 |     12.46451 (04020424)      9.05163 (04122224)
4.03438 (04020424)      1.57390c(04122724)      1.75500c(04122724)
 4413500.0 |      4.62587 (04020424)      4.09689 (04102124)
7.87044 (04092924)      9.35944 (04092924)      2.00540c(04122724)
 4413000.0 |      5.74757 (04102124)     10.21710 (04111324)
22.52544 (04092924)     12.58243 (04092924)      2.05500c(04122724)
 4412500.0 |     10.56730 (04111324)     19.14367 (04092924)
18.94676 (04111324)      1.98222c(04122724)      1.99887c(04122724)
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 4412000.0 | 18.09439 (04111324)   4.76061 (04091324)
4.16059 (04092724)   1.88162c(04122724)   3.95938 (04092724)
 4411500.0 | 22.50763 (04111324)   2.34908 (04092724)
1.89580c(04122724)   1.78857c(04122724)   3.05617 (04101924)
 4411000.0 | 19.07507 (04092724)   2.26637 (04092724)
8.55368c(04042524)   3.85689 (04101924)   1.48683 (04031124)
 4410500.0 | 1.65778c(04122724)   3.42143 (04092724)
3.56413c(04042524)   5.44203 (04031124)   2.82293 (04031124)
 4410000.0 | 2.76820 (04092724)   6.14621 (04031124)
5.14254 (04031124)   2.17502 (04031124)   1.59287 (04031124)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/24/11
                                   ***
                                   ***   19:46:59

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 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 2ALT   ***
                                   INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   , ON.ISIT.,

                                    *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	530500.00	531000.00	531500.00
	532000.00	532500.00	
4425000.0	4.94002c(04122024)	4.50015 (04012724)	4.85357 (04012724)
	10.72704 (04012724)	8.81293 (04012724)	
4424500.0	6.57616c(04120424)	6.90700c(04122024)	5.86200 (04012724)
	11.82214 (04012724)	15.81272 (04012724)	
4424000.0	10.04140c(04120424)	9.09956c(04122024)	6.45748c(04122024)
	9.74692 (04012724)	13.44724 (04011824)	
4423500.0	11.72569c(04120424)	10.96451c(04122024)	7.29879c(04122024)
	5.50626 (04012724)	12.20387 (04011824)	
4423000.0	8.98409c(04120424)	11.35915c(04120424)	8.89932c(04120424)
	2.27454 (04020324)	6.70817 (04011824)	
4422500.0	9.36022 (04040824)	10.35872 (04071924)	10.84100 (04071924)
	3.12934 (04071924)	2.49676 (04011824)	
4422000.0	5.93936 (04040824)	4.05744 (04040824)	3.27251 (04071924)
	1.87805 (04071924)	3.13663 (04071924)	
4421500.0	0.96022c(04011224)	1.05968c(04011224)	1.08138c(04011224)
	6.31713 (04071924)	3.99332 (04071924)	
4421000.0	0.95665c(04011224)	0.99604c(04011224)	1.03863c(04011224)
	4.64929 (04071924)	1.13792c(04011224)	
4420500.0	0.88840c(04011224)	0.93230c(04011224)	0.99708c(04011224)
	1.10999c(04011224)	2.45187 (04071924)	
4420000.0	0.79622c(04011224)	0.86499c(04011224)	0.95014c(04011224)
	1.07157c(04011224)	1.15756c(04011224)	
4419500.0	0.83025 (04012624)	0.79474c(04011224)	0.88829c(04011224)
	0.99835c(04011224)	1.13052c(04011224)	
4419000.0	1.06608 (04012624)	1.04170 (04012624)	

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1.00312 (04012624)      2.54440 (04012424)      1.07860c(04011224)
 4418500.0 |       1.29256 (04012624)      1.30502 (04012624)
3.86167 (04011524)     11.73800 (04011524)     10.93790 (04011524)
 4418000.0 |       1.49867 (04012624)      1.71661 (04012624)
2.10750 (04012624)      6.20093 (04071124)      8.35622 (04012624)
 4417500.0 |       1.57958 (04012624)      1.86658 (04012624)
6.85991 (04110624)     49.39867 (04110624)     41.81875 (04110624)
 4417000.0 |       1.48399 (04012624)      2.20453 (04012624)
11.63511 (04012624)      9.83383 (04012624)     22.57712 (04030224)
 4416500.0 |       1.25788 (04012624)      2.55209 (04070224)
22.62198 (04041324)     31.06218 (04123124)     34.26528 (04122224)
 4416000.0 |       1.34815 (04011924)      1.62667 (04030824)
36.31955 (04030824)     28.56390 (04122224)     23.14133 (04122224)
 4415500.0 |       1.25511 (04011924)      4.44956 (04062924)
15.50768 (04020424)     16.89820 (04121024)     24.31484 (04121024)
 4415000.0 |       1.20307c(04122724)      1.51525c(04122724)
23.12364 (04092924)     28.85467 (04111324)     30.24335 (04031124)
 4414500.0 |       1.65672c(04122724)      4.03594 (04092924)
44.92089 (04111324)     26.18806 (04031124)     18.00465 (04031124)
 4414000.0 |       1.96452c(04122724)      6.71154 (04091324)
34.49093 (04092724)     19.17977 (04031124)     11.25809 (04031124)
 4413500.0 |       2.09092c(04122724)     23.69478 (04092724)
14.56422c(04042524)     11.12479 (04031124)      5.14440 (04111224)
 4413000.0 |       7.49723 (04092724)     11.99822 (04031124)
9.57333 (04031124)      3.97848 (04031124)      5.22255 (04111224)
 4412500.0 |      10.93266c(04042524)      6.43524 (04031124)
5.61878 (04031124)      2.90177 (04111224)      3.64975 (04111224)
 4412000.0 |       6.12289 (04031124)      5.68992 (04031124)
3.36372 (04111224)      5.96257 (04111224)      6.14111 (04123124)
 4411500.0 |       4.36767 (04031124)      2.15103 (04031124)
3.58030 (04111224)      4.42915 (04111224)      3.82547 (04082724)
 4411000.0 |       2.71600 (04031124)      2.05909 (04111224)
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3.13966 (04111224) 6.73477 (04123124) 2.80778 (04073024)
 4410500.0 | 2.21343 (04111224) 3.46893 (04111224)
3.49254 (04111224) 3.59758 (04082724) 16.25463 (04123124)
 4410000.0 | 2.93679 (04111224) 4.02470 (04111224)
4.11895 (04123124) 6.12727 (04123124) 10.21515 (04073024)
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/24/11
 ***
 *** 19:46:59

 **MODELOPTs: RegDFAULT CONC
 ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT.,

*** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

 Y-COORD | X-COORD
(METERS)
 (METERS) | 533000.00 533500.00
534000.00 534500.00 535000.00
- -

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 4425000.0 |     14.48666 (04012724)      8.81980 (04040624)
1.72201 (04040624)      0.94823 (04120224)      3.24242 (04021924)
 4424500.0 |     15.36428 (04012724)      7.14139 (04040624)
0.73657 (04012724)      0.79813 (04112724)      1.38256 (04012024)
 4424000.0 |     14.75111 (04012724)      9.18328 (04040624)
0.73747c(04011224)      0.80631 (04011124)      1.04388 (04112724)
 4423500.0 |     25.42555 (04011824)      5.51003 (04011824)
0.76877c(04011224)      0.83965 (04011124)      1.01390 (04112724)
 4423000.0 |     16.79430 (04011824)      6.48855 (04011824)
0.81077c(04011224)      0.87620 (04011124)      1.01088 (04112724)
 4422500.0 |      4.40712 (04011824)      1.69200 (04011824)
1.02091 (04011824)      0.91561 (04011124)      1.01563 (04011124)
 4422000.0 |      1.43799 (04011824)      1.17277 (04011824)
0.95489 (04011824)      0.95876 (04011124)      1.10412 (04112024)
 4421500.0 |      1.11660 (04011824)      1.20854 (04011824)
1.03016 (04011824)      1.00406 (04011124)      1.25744 (04112024)
 4421000.0 |      1.12908c(04011224)      1.23370 (04011824)
1.12930 (04011824)      1.03455 (04011124)      1.43288 (04112024)
 4420500.0 |      1.19685c(04011224)      1.22350 (04011824)
1.23671 (04011824)      1.12547 (04040624)      1.71114 (04041424)
 4420000.0 |      1.23169c(04011224)      1.31104c(04011224)
1.33642 (04011824)      1.60589 (04011824)      2.04846 (04041424)
 4419500.0 |      1.28413c(04011224)      1.41432c(04011224)
1.44476c(04011224)      2.72770 (04011824)      2.88235 (04040624)
 4419000.0 |      1.32064c(04011224)      2.15430 (04040824)
1.52291c(04011224)      5.29262 (04011824)      3.89706 (04040624)
 4418500.0 |     25.37271 (04012424)      4.77189 (04031024)
1.51242c(04011224)      2.01029 (04020324)      4.76812 (04040624)
 4418000.0 |     14.58398 (04012624)     18.35106 (04012524)
9.89707 (04012424)      2.05571 (04061324)      3.87026 (04041024)
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 4417500.0 |     54.63947 (04012624)     61.30374 (04012624)
113.47134 (04110624)     26.29487 (04112924)      4.97944 (04060424)
 4417000.0 |     35.92247 (04030224)     46.59940 (04123124)
24.25542 (04062924)     39.20276 (04092924)     13.62620 (04070424)
 4416500.0 |     39.95370 (04122224)     23.89013 (04020424)
29.95090 (04092924)      6.30856 (04070524)      9.88307 (04070824)
 4416000.0 |     30.50266 (04111324)     73.42659 (04092724)
4.32305 (04090624)      5.79911 (04070424)      5.65733 (04070824)
 4415500.0 |     38.81577 (04111324)     11.02735c(04042524)
2.90838 (04070424)      4.94651 (04070924)      3.71893 (04090524)
 4415000.0 |     17.38941c(04042524)      1.65481 (04070424)
4.01378 (04070924)      3.93132 (04070824)      3.15033 (04090524)
 4414500.0 |      2.23261 (04031124)      2.43215 (04101324)
4.06899 (04101324)      3.21147 (04073024)      2.69048 (04090524)
 4414000.0 |      4.44415 (04111224)     13.20678 (04123124)
3.64729 (04073024)      2.39945 (04073024)      2.36539 (04090524)
 4413500.0 |     10.06930 (04111224)     28.65407 (04123124)
3.25402 (04073024)      1.82868 (04073024)      2.12220 (04090524)
 4413000.0 |      7.17023 (04123124)     11.21810 (04073024)
4.10085 (04073024)      1.52628 (04090524)      1.94291 (04090524)
 4412500.0 |      4.77719 (04061424)      3.62068 (04073024)
2.02678 (04073024)      1.48285 (04090524)      1.82828 (04090524)
 4412000.0 |      4.72319 (04073024)      2.07353 (04073024)
1.50737 (04073024)      1.41600 (04090524)      1.66040 (04090524)
 4411500.0 |      4.41860 (04073024)      1.73442 (04073024)
1.34909 (04073024)      3.34777 (04090524)      1.81411 (04090524)
 4411000.0 |      4.22304 (04073024)      2.80389 (04111024)
4.43175 (04111124)      3.67356 (04090524)      1.94668 (04090524)
 4410500.0 |     10.04748 (04111024)     13.45493 (04111124)
6.38690 (04111124)      3.54044 (04090524)      3.67395 (04110824)
 4410000.0 |     24.75221 (04111124)     14.55541 (04111124)
3.28290 (04111124)      4.39275 (04110824)      8.64485 (04110824)
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 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
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*** 19:46:59

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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT *** INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	535500.00	536000.00	536500.00	537000.00	537500.00
4425000.0	0.99899 (04112724)	0.81637 (04120724)	0.90275 (04120724)	1.12571 (04021524)	2.63157 (04032524)
4424500.0	1.05115 (04112724)	0.83580 (04120724)			

0.94322 (04021524) 1.29283 (04021524) 1.61684 (04021524)
 4424000.0 | 1.04068 (04112724) 0.84653 (04120724)
1.05898 (04021524) 1.52366 (04021524) 1.81560 (04021524)
 4423500.0 | 1.03557 (04112724) 0.87713 (04011124)
1.31672 (04021524) 1.78223 (04021524) 2.01902 (04021524)
 4423000.0 | 1.04167 (04112724) 0.99101 (04112024)
1.57974 (04021524) 2.13896 (04021524) 2.17383 (04021524)
 4422500.0 | 1.15115 (04112024) 1.22347 (04021524)
1.99578 (04021524) 2.44328 (04021524) 2.22924 (04021524)
 4422000.0 | 1.31399 (04112024) 1.41152 (04021524)
2.36779 (04021524) 2.94467 (04021524) 2.08601 (04021524)
 4421500.0 | 1.54049 (04112024) 1.80317 (04021524)
2.99072 (04021524) 2.85323 (04021524) 1.75345 (04021524)
 4421000.0 | 1.81709 (04112024) 2.56255 (04021524)
3.44442 (04021524) 2.67055 (04021524) 1.37675 (04021224)
 4420500.0 | 2.20649 (04112024) 3.21985 (04021524)
3.83593 (04021524) 2.30654 (04021224) 0.90134 (04021224)
 4420000.0 | 2.66916 (04112024) 4.31735 (04021224)
3.78477 (04021224) 1.74793 (04021224) 1.15305 (04053124)
 4419500.0 | 3.76379 (04092524) 6.41238 (04021324)
3.38893 (04021324) 1.44510 (04050724) 1.93871 (04012224)
 4419000.0 | 4.36838 (04021224) 7.26616 (04021324)
2.25408 (04050724) 2.44337 (04012224) 2.13999 (04012224)
 4418500.0 | 8.11753 (04021324) 3.87613 (04021324)
3.54352 (04050724) 2.91540 (04051224) 2.77846 (04051224)
 4418000.0 | 5.17126 (04022624) 5.34460 (04060124)
6.59335 (04051224) 4.62736 (04051224) 2.99120 (04051224)
 4417500.0 | 1.66470 (04060724) 5.85954 (04082924)
4.95332 (04051424) 3.68159 (04021024) 2.77372 (04021024)
 4417000.0 | 3.93316 (04051524) 3.60006 (04051524)
3.09276 (04021024) 2.76164 (04021024) 2.11994 (04021024)
 4416500.0 | 4.35804 (04060924) 6.14287 (04051524)

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3.13198 (04051524)      1.55000 (04021024)      4.93274 (04022124)
 4416000.0 |       3.30070 (04062424)      3.57192 (04041624)
3.84329 (04051524)      2.15197 (04051524)      0.88183 (04051524)
 4415500.0 |       2.37676 (04062424)      3.63753 (04041624)
2.66857 (04051524)      2.72686 (04051524)      1.61510 (04051524)
 4415000.0 |       2.05397 (04090524)      2.96792 (04090924)
2.64557 (04041624)      2.08914 (04051524)      1.94799 (04051524)
 4414500.0 |       1.86477 (04090524)      2.30511 (04090924)
2.65400 (04041624)      1.57980 (04021424)      1.70149 (04051524)
 4414000.0 |       1.69498 (04090524)      1.73595 (04090924)
2.40782 (04090924)      1.88945 (04041624)      1.53941 (04112224)
 4413500.0 |       1.57536 (04090524)      1.39635 (04090924)
2.09712 (04090924)      1.94347 (04041624)      1.17255 (04041624)
 4413000.0 |       1.45262 (04090524)      2.68972 (04110824)
1.72653 (04090924)      1.88338 (04090924)      1.40595 (04041624)
 4412500.0 |       1.34389 (04090524)      0.88638 (04090924)
1.43294 (04090924)      1.70020 (04090924)      1.43662 (04041624)
 4412000.0 |       1.26607 (04090524)      0.64637c(04122724)
1.19950 (04090924)      1.52112 (04090924)      1.43242 (04090924)
 4411500.0 |       1.21663 (04090524)      0.64927 (04090524)
1.00155 (04090924)      1.31415 (04090924)      1.37637 (04090924)
 4411000.0 |       7.12007 (04110824)      0.65844 (04090524)
0.79427 (04090924)      1.18943 (04090924)      1.28236 (04090924)
 4410500.0 |       1.48493 (04110824)      0.66305 (04090524)
0.66462 (04090924)      1.02841 (04090924)      1.19937 (04090924)
 4410000.0 |       2.48678 (04110824)      0.67021 (04090524)
0.56580 (04090924)      0.88945 (04090924)      1.10589 (04090924)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/24/11
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                                  ***        19:46:59
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	538000.00	538500.00	539000.00	539500.00	540000.00
4425000.0	1.64794 (04021524)	1.55681 (04122624)	1.39384 (04122624)	1.15208 (04122624)	0.96806 (04122624)
4424500.0	3.11942 (04021524)	1.49092 (04021524)	1.18912 (04122624)	1.03372 (04122624)	0.88341 (04122624)
4424000.0	4.06950 (04022624)	1.48463 (04021524)	1.12057 (04122624)	0.93992 (04122624)	0.80870 (04122624)
4423500.0	4.74853 (04022624)	3.94179 (04111924)	1.08280 (04122624)	0.85829 (04122624)	1.05563c(04011224)

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 4423000.0 |      3.27753 (04111924)      1.16512 (04122624)
0.91205 (04122624)      0.76754 (04122624)      0.95190 (04010424)
 4422500.0 |      1.44627 (04021524)      0.91063 (04122624)
0.79426 (04122624)      0.74191 (04010424)      1.01943 (04010424)
 4422000.0 |      1.11713 (04021524)      0.77807 (04010224)
0.78811 (04010224)      0.91507 (04010424)      1.09922 (04010824)
 4421500.0 |      0.83193 (04021224)      0.82385 (04010224)
0.96133 (04010424)      1.15418 (04010524)      1.32870 (04010524)
 4421000.0 |      0.85435 (04010224)      0.98109 (04010424)
1.28071 (04010524)      1.46846 (04010524)      1.46669 (04010524)
 4420500.0 |      1.01489 (04010424)      1.42490 (04010524)
1.66983 (04010524)      1.52815 (04010524)      1.36968 (04010424)
 4420000.0 |      1.60456 (04010524)      1.77229 (04010524)
1.58114 (04010524)      1.46778 (04010424)      1.45289 (04010424)
 4419500.0 |      2.67488 (04010824)      1.56788 (04060124)
1.55620 (04010424)      3.22830 (04021124)      2.89447 (04032524)
 4419000.0 |      1.76091 (04060124)      2.42125 (04021124)
2.80606 (04032524)      6.02405 (04051124)      7.18846 (04022624)
 4418500.0 |      2.39858 (04051224)      2.00621 (04051224)
1.73411 (04022024)      4.69754 (04022624)      3.25081 (04022624)
 4418000.0 |      2.10400 (04051424)      1.75260 (04051424)
1.42293 (04051424)      4.35251 (04061924)      6.90516 (04061924)
 4417500.0 |      2.17317 (04021024)     15.65845 (04062024)
4.19611 (04082924)     10.15457 (04062024)     12.18939 (04022224)
 4417000.0 |      1.67590 (04021024)      6.50523 (04091024)
4.95413 (04122624)      8.55806 (04122524)      9.22152 (04022024)
 4416500.0 |      9.41168 (04082424)     10.29098 (04082924)
7.32566 (04050624)      5.41649 (04050624)      4.60305 (04100924)
 4416000.0 |      1.25775 (04060524)      7.15961 (04092024)
7.39428 (04122924)      7.66085 (04101024)      6.80286 (04050624)
 4415500.0 |      0.77646 (04042324)      0.75333 (04022924)
3.57016 (04021124)      4.93763 (04022924)      8.70615 (04092024)
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 4415000.0 | 1.26296 (04051524)   0.69050 (04042324)
0.48743 (04122924)   1.26083 (04022924)   3.08621 (04060524)
 4414500.0 | 1.54092 (04112224)   1.06581 (04051524)
0.61408 (04042324)   0.41249 (04122924)   0.47748 (04122924)
 4414000.0 | 1.77977 (04112224)   1.51811 (04112224)
0.90784 (04112224)   0.54971 (04042324)   0.38819 (04042324)
 4413500.0 | 1.47953 (04112224)   1.76195 (04112224)
1.45438 (04112224)   0.88131 (04112224)   0.49724 (04042324)
 4413000.0 | 1.04858 (04112224)   1.60905 (04112224)
1.65766 (04112224)   1.33061 (04112224)   0.83743 (04112224)
 4412500.0 | 0.97550 (04041624)   1.13536 (04112224)
1.47087 (04112224)   1.52294 (04112224)   1.21247 (04112224)
 4412000.0 | 1.09191 (04041624)   0.82913 (04112224)
1.20214 (04112224)   1.46359 (04112224)   1.44647 (04112224)
 4411500.0 | 1.13159 (04090924)   0.81328 (04041624)
0.92310 (04112224)   1.24307 (04112224)   1.41921 (04112224)
 4411000.0 | 1.15890 (04090924)   0.87469 (04090924)
0.69629 (04112224)   1.00419 (04112224)   1.26809 (04112224)
 4410500.0 | 1.14905 (04090924)   0.94127c(04121424)
0.68571c(04121424)   0.80720 (04112224)   1.06958 (04112224)
 4410000.0 | 1.11820 (04090924)   0.99965c(04121424)
0.76426c(04121424)   0.62647 (04112224)   0.86312 (04112224)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/24/11
                                   ***
                                   ***   19:46:59

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 **MODELOPTs: RegDFAULT CONC
  ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	540500.00	541000.00	541500.00	542000.00	542500.00
4425000.0	0.82905 (04122624)	0.73068 (04122624)	1.32446c(04011224)	6.84398c(04011224)	6.78372 (04100824)
4424500.0	0.76742 (04122624)	0.88114c(04011224)	5.00361c(04011224)	6.95156 (04100824)	9.57683 (04012824)
4424000.0	0.76506c(04011224)	3.38291 (04100824)	5.35210 (04100824)	8.22568 (04012824)	7.78875 (04012824)
4423500.0	1.86004 (04100824)	2.78146 (04100824)	4.82197 (04012824)	6.11349 (04012824)	6.95342 (04012824)
4423000.0	1.42459 (04010424)	2.03927 (04012824)	2.95204 (04050624)	2.41712 (04010824)	2.25158 (04010824)
4422500.0	1.27959 (04010824)	2.02291 (04010824)	1.81278 (04010824)	1.86617 (04010824)	3.69092 (04010824)
4422000.0	1.30006 (04010824)	1.44502 (04010824)			

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1.34610 (04010824)      3.29364 (04010824)      3.99399 (04010824)
 4421500.0 |       1.35712 (04010524)      1.49933 (04010824)
2.44401 (04010824)      2.61950 (04010824)      4.86973c(04100124)
 4421000.0 |       1.40904 (04010824)      1.54904 (04010824)
3.00582c(04100124)     11.26030c(04100124)      8.89768c(04122024)
 4420500.0 |       1.36835 (04010424)      2.16049 (04021124)
11.99619c(04100124)     12.14743c(04122024)      9.92914c(04122024)
 4420000.0 |       2.63671 (04021124)      7.96230 (04021124)
15.83196c(04100124)     11.78494c(04122024)     13.64206c(04122024)
 4419500.0 |       4.77734 (04051124)      8.67270 (04040524)
18.48220c(04100124)     15.54343c(04100124)     13.32235c(04100124)
 4419000.0 |       9.17771 (04022624)      8.25852 (04022624)
9.18252c(04100124)      9.57698c(04122024)      7.70356c(04122024)
 4418500.0 |       3.12315c(04100124)      4.48559c(04100124)
7.24006c(04100124)      4.76013c(04122024)      5.06387c(04122024)
 4418000.0 |       6.80077 (04061924)      6.72332 (04122524)
6.42310 (04101724)      5.50612c(04122024)      4.96461c(04122024)
 4417500.0 |       9.43103 (04022024)      8.65257 (04022024)
7.64586 (04022024)      7.18092 (04022024)      6.85339 (04022024)
 4417000.0 |       8.68255 (04022024)      7.37055 (04022024)
7.71709 (04050924)      7.17534 (04022024)      6.93773 (04050924)
 4416500.0 |       4.64297 (04022024)      5.23083 (04022024)
5.13998 (04022024)      5.06160 (04050924)      5.08734 (04050924)
 4416000.0 |       5.23949 (04050624)      4.27756 (04082924)
3.08569 (04101024)      2.03698 (04101024)      2.76996 (04120524)
 4415500.0 |       6.43359 (04092024)      6.12000 (04082924)
7.25827 (04082924)      4.91599 (04050624)      3.81709 (04050624)
 4415000.0 |       4.28508 (04092024)      5.21196 (04092024)
8.31685 (04092024)      5.02223 (04122924)      4.87692 (04050624)
 4414500.0 |       0.49246 (04122924)      1.46110 (04060524)
2.83933 (04022924)      3.22761 (04061024)      3.93737 (04092024)
 4414000.0 |       0.38985 (04122924)      0.44668 (04122924)
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1.02377 (04060524) 2.60000 (04022924) 3.32028 (04060524)
 4413500.0 | 0.36962 (04042324) 0.34750 (04122924)
0.37523 (04122924) 0.42670 (04122924) 0.95514 (04060524)
 4413000.0 | 0.45477 (04042324) 0.35177 (04042324)
0.31031 (04122924) 0.33336 (04122924) 0.35791 (04122924)
 4412500.0 | 0.84403 (04112224) 0.45132 (04112224)
0.33522 (04042324) 0.27921 (04122924) 0.29859 (04122924)
 4412000.0 | 1.19525 (04112224) 0.80025 (04112224)
0.47294 (04112224) 0.31992 (04042324) 0.25613 (04042324)
 4411500.0 | 1.43214 (04112224) 1.16891 (04112224)
0.76738 (04112224) 0.46492 (04112224) 0.30650 (04042324)
 4411000.0 | 1.38133 (04112224) 1.28513 (04112224)
1.03894 (04112224) 0.74313 (04112224) 0.47997 (04112224)
 4410500.0 | 1.26430 (04112224) 1.31898 (04112224)
1.22128 (04112224) 0.99358 (04112224) 0.72637 (04112224)
 4410000.0 | 1.10389 (04112224) 1.24717 (04112224)
1.28456 (04112224) 1.15847 (04112224) 0.94718 (04112224)

**MODELOPTs: RegDFAULT CONC
 ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT.,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 543000.00
4425000.0	9.33060 (04010424)
4424500.0	10.43072 (04012824)
4424000.0	6.13700 (04012824)
4423500.0	3.16666 (04021124)
4423000.0	5.19263 (04010824)
4422500.0	1.02340 (04010424)
4422000.0	6.46991c(04122024)
4421500.0	7.99098c(04122024)
4421000.0	5.07159c(04122024)
4420500.0	9.23675c(04122024)
4420000.0	12.06483c(04122024)
4419500.0	11.80376c(04100124)
4419000.0	6.23106c(04122024)
4418500.0	3.41723c(04122024)
4418000.0	4.75858c(04122024)
4417500.0	6.82219 (04022024)
4417000.0	6.77728 (04022024)
4416500.0	5.21059 (04022024)
4416000.0	2.38699 (04120524)

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 4415500.0 |      3.01772 (04122924)
 4415000.0 |      4.68758 (04050624)
 4414500.0 |      4.41740 (04050624)
 4414000.0 |      3.72234 (04092024)
 4413500.0 |      2.28309 (04060524)
 4413000.0 |      0.38452 (04122924)
 4412500.0 |      0.31627 (04122924)
 4412000.0 |      0.27026 (04122924)
 4411500.0 |      0.25174 (04042324)
 4411000.0 |      0.29552 (04112224)
 4410500.0 |      0.50347 (04112224)
 4410000.0 |      0.73327 (04112224)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/24/11
                                  ***
                                  ***        19:46:59

                                             PAGE  94
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  2ALT     ***
                                  INCLUDING SOURCE(S):      BACA1A   ,
BACA1B   , ON.ISIT.,

                                       *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

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

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

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

- - - -

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	528000.00	528500.00	529000.00	529500.00	530000.00
4425000.0	5.77192c(04122024)	7.76519c(04122024)	9.27873c(04122024)	9.83919c(04122024)	7.88181c(04122024)
4424500.0	5.96147c(04122024)	7.71489c(04122024)	7.47434c(04122024)	9.44727c(04120424)	10.63525c(04120424)
4424000.0	3.46822c(04122024)	5.79287c(04122024)	5.14168c(04122024)	6.50397c(04120424)	9.55244c(04120424)
4423500.0	1.44908 (04112524)	2.25792c(04122024)	4.91311 (04040824)	7.64559 (04040824)	7.91869 (04071924)
4423000.0	0.92318 (04012324)	0.95105c(04011224)	1.63985 (04040824)	5.43849 (04040824)	5.12627 (04040824)
4422500.0	0.92119 (04012624)	0.97434c(04011224)	0.99463c(04011224)	1.15846 (04040824)	1.95567 (04040824)
4422000.0	0.93941 (04012624)	0.95998c(04011224)	1.01246c(04011224)	1.08241c(04011224)	1.17786c(04011224)
4421500.0	0.96506 (04012624)	0.95708 (04012624)	0.97929c(04011224)	1.05388c(04011224)	1.12750c(04011224)
4421000.0	1.01300 (04012624)	0.99857 (04012624)	0.97921 (04012624)	0.97590c(04011224)	1.04746c(04011224)
4420500.0	1.07811 (04012624)	1.06140 (04012624)			

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1.04030 (04012624)      1.01240 (04012624)      0.97766 (04012624)
 4420000.0 |       1.16356 (04012624)      1.14547 (04012624)
1.12843 (04012624)      1.10357 (04012624)      1.06865 (04012624)
 4419500.0 |       1.26256 (04012624)      1.24649 (04012624)
1.23794 (04012624)      1.22215 (04012624)      1.19940 (04012624)
 4419000.0 |       1.36217 (04012624)      1.36012 (04012624)
1.36309 (04012624)      1.35734 (04012624)      1.35148 (04012624)
 4418500.0 |       1.48472 (04012624)      1.49748 (04012624)
1.50472 (04012624)      1.52149 (04012624)      1.50811 (04012624)
 4418000.0 |       1.62139 (04012624)      1.64484 (04012624)
1.69996 (04012624)      1.66609 (04012624)      1.65739 (04012624)
 4417500.0 |       1.59360 (04012324)      1.65842 (04012624)
1.72092 (04012624)      1.73597 (04012624)      1.67783 (04012624)
 4417000.0 |       1.49776 (04012624)      1.50153 (04012624)
1.57235 (04012624)      1.61424 (04012624)      1.59737 (04012624)
 4416500.0 |       1.30410 (04012624)      1.30903 (04012624)
1.33122 (04012624)      1.35142 (04012624)      1.36602 (04012624)
 4416000.0 |       1.33970 (04011924)      1.57230 (04011024)
1.71054 (04011024)      1.78467 (04011024)      1.49131 (04011924)
 4415500.0 |       2.23986 (04011024)     10.96100 (04041324)
2.03282 (04011024)      1.66520 (04011024)      1.62365c(04122724)
 4415000.0 |       9.15646c(04102624)      3.62493 (04121624)
3.55983 (04062924)      1.87341c(04122724)      2.01873c(04122724)
 4414500.0 |       8.14795 (04121624)     21.33814 (04020424)
16.41239 (04020424)      4.77170 (04020424)      2.38217c(04122724)
 4414000.0 |      12.52794 (04020424)      9.63466 (04122224)
4.09977 (04020424)      2.57166c(04122724)      2.70282c(04122724)
 4413500.0 |       4.68902 (04020424)      4.21263 (04102124)
7.93052 (04092924)      9.42173 (04092924)      2.88141c(04122724)
 4413000.0 |       5.87181 (04102124)     10.46803 (04111324)
22.58592 (04092924)     12.64432 (04092924)      2.87244c(04122724)
 4412500.0 |      11.13831 (04111324)     19.20141 (04092924)
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19.10316 (04111324) 2.77618c(04122724) 2.76699c(04122724)
 4412000.0 | 18.33899 (04111324) 5.00975 (04091324)
4.22080 (04092724) 2.61201c(04122724) 4.01776 (04092724)
 4411500.0 | 22.66699 (04111324) 2.82262c(04122724)
2.62343c(04122724) 2.48033c(04122724) 3.11741 (04101924)
 4411000.0 | 19.13319 (04092724) 2.68250c(04122724)
8.62918c(04042524) 3.91663 (04101924) 2.08210c(04122724)
 4410500.0 | 2.33199c(04122724) 3.47529 (04092724)
3.63266c(04042524) 5.48469 (04031124) 2.83827 (04031124)
 4410000.0 | 2.82068 (04092724) 6.16279 (04031124)
5.17590 (04031124) 2.62804 (04031124) 1.73562 (04031124)
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/24/11
*** 19:46:59

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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	530500.00	531000.00	531500.00	532000.00	532500.00
4425000.0	5.05320c(04122024)	4.82819 (04012724)	5.58753 (04012724)	11.77329 (04012724)	10.29135 (04012724)
4424500.0	6.83313c(04120424)	7.05176c(04122024)	6.28361 (04012724)	12.16626 (04012724)	16.12757 (04012724)
4424000.0	10.30641c(04120424)	9.26065c(04122024)	7.20242c(04020224)	10.18180 (04012724)	13.54595 (04011824)
4423500.0	12.00055c(04120424)	11.13171c(04122024)	7.46050c(04122024)	5.78219 (04012724)	12.27044 (04011824)
4423000.0	9.25565c(04120424)	11.63342c(04120424)	9.17639c(04120424)	2.33334 (04020324)	6.75082 (04011824)
4422500.0	9.46399 (04040824)	10.37191 (04071924)	10.92707c(04120424)	3.14856 (04071924)	2.53843 (04011824)
4422000.0	6.02260 (04040824)	4.14208 (04040824)	3.29657 (04071924)	1.93061 (04013024)	3.16812 (04071924)
4421500.0	1.15161c(04011224)	1.25317c(04011224)	1.27821c(04011224)	6.36115 (04071924)	4.04865 (04071924)
4421000.0	1.13484c(04011224)	1.17539c(04011224)	1.22061c(04011224)	4.71961 (04071924)	1.33393c(04011224)
4420500.0	1.05767c(04011224)	1.10047c(04011224)	1.16762c(04011224)	1.29307c(04011224)	2.59658 (04071924)
4420000.0	1.02332 (04011024)	1.02258c(04011224)	1.11165c(04011224)	1.24396c(04011224)	1.32827c(04011224)
4419500.0	1.16071 (04012624)	1.09852 (04012624)	1.04115c(04011224)	1.15476c(04011224)	1.29197c(04011224)

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 4419000.0 |      1.33321 (04012624)      1.29735 (04012624)
1.25112 (04012624)      2.55029 (04012424)      1.24151c(04011224)
 4418500.0 |      1.50968 (04012624)      1.51236 (04012624)
3.88163 (04011524)     11.75694 (04011524)     10.95864 (04011524)
 4418000.0 |      1.67689 (04012624)      1.88884 (04012624)
2.27805 (04012624)      6.55395 (04071124)      8.50700 (04012624)
 4417500.0 |      1.72781 (04012624)      2.01346 (04012624)
7.02309 (04110624)     49.57445 (04110624)     42.09164 (04110624)
 4417000.0 |      1.60953 (04012624)      2.33178 (04012624)
11.75405 (04012624)      9.94817 (04012624)     22.62134 (04030224)
 4416500.0 |      1.36653 (04012624)      2.80996 (04070224)
22.89648 (04041324)     31.19166 (04123124)     35.17045 (04122224)
 4416000.0 |      1.46675 (04030824)      1.83569 (04030824)
36.51834 (04030824)     29.22465 (04122224)     23.97764 (04122224)
 4415500.0 |      1.80639c(04122724)      4.68474 (04062924)
15.58467 (04020424)     17.41061 (04121024)     24.89450 (04031124)
 4415000.0 |      2.21005c(04122724)      2.60000c(04122724)
23.19986 (04092924)     29.14661 (04111324)     30.69659 (04031124)
 4414500.0 |      2.62824c(04122724)      4.10722 (04092924)
45.10410 (04111324)     26.28728 (04031124)     18.03089 (04031124)
 4414000.0 |      2.88423c(04122724)      6.95821 (04091324)
34.55959 (04092724)     19.27532 (04031124)     11.32692 (04031124)
 4413500.0 |      2.95824c(04122724)     23.76067 (04092724)
14.65357c(04042524)     11.32988 (04031124)      5.33010 (04111224)
 4413000.0 |      7.56053 (04092724)     12.01358 (04031124)
9.61088 (04031124)      3.98967 (04031124)      5.38989 (04111224)
 4412500.0 |     11.01579c(04042524)      6.44421 (04031124)
5.67587 (04031124)      3.06012 (04111224)      3.81409 (04111224)
 4412000.0 |      6.13162 (04031124)      5.74295 (04031124)
3.52567 (04111224)      6.12249 (04111224)      6.19990 (04123124)
 4411500.0 |      4.38038 (04031124)      2.15895 (04031124)
3.73113 (04111224)      4.58434 (04111224)      3.86864 (04061424)
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 4411000.0 | 2.73137 (04031124)   2.20184 (04111224)
3.28781 (04111224)   6.78778 (04123124)   2.93835 (04073024)
 4410500.0 | 2.35390 (04111224)   3.61193 (04111224)
3.63893 (04111224)   3.63194 (04082724)   16.30490 (04123124)
 4410000.0 | 3.07553 (04111224)   4.16569 (04111224)
4.16874 (04123124)   6.17699 (04123124)   10.37303 (04073024)
  *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/24/11
                                   ***
                                   ***   19:46:59

                                              PAGE 97
 **MODELOPTs: RegDFAULT CONC
  ELEV

                               *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 3ALT-KUM ***
                                  INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   , ON.ISIT., CALIK1   , CALIK2   , CALIK3   ,

                                    *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD
(METERS)
  (METERS) | 533000.00   533500.00
534000.00   534500.00   535000.00

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9.90350 (04012424)      2.16174 (04061324)      3.90477 (04041024)
 4417500.0 |     54.76151 (04012624)     61.41862 (04012624)
113.62964 (04110624)     26.36861 (04112924)      5.10592 (04060424)
 4417000.0 |     35.97999 (04030224)     46.72942 (04123124)
24.47883 (04062924)     39.32231 (04092924)     13.95073 (04070424)
 4416500.0 |     40.78263 (04122224)     23.97413 (04020424)
30.05798 (04092924)      6.58356 (04070524)     10.07236 (04070824)
 4416000.0 |     30.72478 (04111324)     73.50918 (04092724)
4.65871 (04090624)      6.05884 (04070424)      5.87360 (04070824)
 4415500.0 |     39.02877 (04111324)     11.13136c(04042524)
3.16378 (04070924)      5.29671 (04070924)      3.81708 (04090524)
 4415000.0 |     17.48879c(04042524)      1.95249c(04122724)
4.34817 (04101324)      4.26429 (04070924)      3.26224 (04090524)
 4414500.0 |      2.49121c(04122724)      2.73066 (04101324)
4.45741 (04101324)      3.41284 (04073024)      2.81999 (04090524)
 4414000.0 |      4.62110 (04111224)     13.27835 (04123124)
3.99471 (04101324)      2.62151 (04073024)      2.51569 (04090524)
 4413500.0 |     10.24703 (04111224)     28.72031 (04123124)
3.43716 (04073024)      2.06495 (04073024)      2.29518 (04090524)
 4413000.0 |      7.23528 (04123124)     11.37362 (04073024)
4.30573 (04073024)      1.67815 (04073024)      2.13739 (04090524)
 4412500.0 |      4.91770 (04061424)      3.78809 (04073024)
2.24598 (04073024)      1.64953 (04090524)      2.04124 (04090524)
 4412000.0 |      4.86484 (04073024)      2.48270 (04101324)
1.73784 (04073024)      1.60073 (04090524)      1.88632 (04090524)
 4411500.0 |      4.57281 (04073024)      2.09316 (04101324)
1.60690 (04073024)      3.58037 (04090524)      2.05629 (04090524)
 4411000.0 |      4.39090 (04073024)      2.84134 (04111024)
4.54973 (04111124)      3.92471 (04090524)      2.19982 (04090524)
 4410500.0 |     10.08591 (04111024)     13.56739 (04111124)
6.52071 (04111124)      3.80895 (04090524)      3.70614 (04110824)
 4410000.0 |     24.86272 (04111124)     14.72297 (04111124)
```

3.40067 (04111124) 4.42375 (04110824) 8.67607 (04110824)
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/24/11
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 *** 19:46:59

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 **MODELOPTs: RegDFAULT CONC
  ELEV

 *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
 INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

 *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD
(METERS)
  (METERS) | 535500.00 536000.00
536500.00 537000.00 537500.00
 -
- -

 4425000.0 | 1.15004c(04011224) 1.21039c(04011224)
1.26785c(04011224) 1.35822c(04011224) 2.75196 (04012124)

```
 4424500.0 |      1.13563c(04011224)      1.17362c(04011224)
1.23668c(04011224)      1.30559c(04011224)      1.63205 (04021524)
 4424000.0 |      1.22128 (04012624)      1.22773 (04012624)
1.20831c(04011224)      1.53700 (04021524)      1.83157 (04021524)
 4423500.0 |      1.30490 (04012624)      1.33301 (04012624)
1.32853 (04021524)      1.79590 (04021524)      2.03590 (04021524)
 4423000.0 |      1.27215 (04012624)      1.27156 (04012624)
1.59149 (04021524)      2.15273 (04021524)      2.19080 (04021524)
 4422500.0 |      1.15796 (04112024)      1.23362 (04021524)
2.00744 (04021524)      2.45702 (04021524)      2.24581 (04021524)
 4422000.0 |      1.32059 (04112024)      1.42167 (04021524)
2.37944 (04021524)      2.95841 (04021524)      2.20060 (04070524)
 4421500.0 |      1.54684 (04112024)      1.81293 (04021524)
3.00203 (04021524)      2.86574 (04021524)      2.47912 (04070524)
 4421000.0 |      1.82314 (04112024)      2.57136 (04021524)
3.45447 (04021524)      2.68169 (04021524)      1.96344 (04090624)
 4420500.0 |      2.21235 (04112024)      3.22805 (04021524)
3.84500 (04021524)      2.31752 (04021224)      1.26388 (04090624)
 4420000.0 |      2.67506 (04112024)      4.32799 (04021324)
3.79328 (04021224)      1.75752 (04021224)      1.18303 (04053124)
 4419500.0 |      3.77615 (04092524)      6.42548 (04021324)
3.40235 (04021324)      1.45264 (04050724)      1.94612 (04012224)
 4419000.0 |      4.37459 (04021224)      7.27802 (04021324)
2.26015 (04050724)      2.44966 (04012224)      2.14694 (04012224)
 4418500.0 |      8.12835 (04021324)      3.88730 (04021324)
3.54899 (04050724)      2.92141 (04051224)      2.78508 (04051224)
 4418000.0 |      5.19870 (04041724)      5.35286 (04060124)
6.59820 (04051224)      4.63256 (04051224)      2.99688 (04051224)
 4417500.0 |      1.71495 (04060724)      5.86638 (04082924)
4.96368 (04051424)      3.68602 (04021024)      2.77842 (04021024)
 4417000.0 |      3.93678 (04051524)      3.62712 (04081224)
3.09668 (04021024)      2.76582 (04021024)      2.12448 (04021024)
```

 4416500.0 | 4.37331 (04060924)   6.14639 (04051524)
3.13569 (04051524)   1.55396 (04021024)   4.94754 (04022124)
 4416000.0 | 3.33997 (04062424)   3.75088 (04041624)
3.84671 (04051524)   2.15559 (04051524)   1.03129 (04101324)
 4415500.0 | 2.44941 (04071724)   3.83338 (04041624)
2.67172 (04051524)   2.73019 (04051524)   1.61858 (04051524)
 4415000.0 | 2.21235 (04090524)   3.07218 (04041624)
2.90240 (04041624)   2.09217 (04051524)   1.95117 (04051524)
 4414500.0 | 2.04574 (04090524)   2.33199 (04090924)
2.90883 (04041624)   1.84530 (04041624)   1.70910 (04112224)
 4414000.0 | 1.89826 (04090524)   1.76174 (04090924)
2.54289 (04041624)   2.15380 (04041624)   1.60542 (04112224)
 4413500.0 | 1.79808 (04090524)   1.42078 (04090924)
2.12227 (04090924)   2.18856 (04041624)   1.38461 (04041624)
 4413000.0 | 1.69024 (04090524)   2.72875 (04110824)
1.75035 (04090924)   2.00694 (04041624)   1.59081 (04041624)
 4412500.0 | 1.59078 (04090524)   1.02854 (04070124)
1.45574 (04090924)   1.72352 (04090924)   1.60048 (04041624)
 4412000.0 | 1.51780 (04090524)   0.94086 (04071724)
1.22145 (04090924)   1.54350 (04090924)   1.49037 (04041624)
 4411500.0 | 1.47092 (04090524)   0.91449 (04090524)
1.02302 (04090924)   1.33565 (04090924)   1.39855 (04090924)
 4411000.0 | 7.15350 (04110824)   0.92342 (04090524)
0.81556 (04090924)   1.21034 (04090924)   1.30384 (04090924)
 4410500.0 | 1.60812 (04090524)   0.92386 (04090524)
0.68779c(04122724)   1.04887 (04090924)   1.22035 (04090924)
 4410000.0 | 2.51854 (04110824)   0.92911 (04090524)
0.66617c(04122724)   0.90932 (04090924)   1.12676 (04090924)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
                                  ***
                                  ***   19:46:59

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	538000.00	538500.00	539000.00	539500.00	540000.00
4425000.0	1.66447 (04021524)	1.65573c(04011224)	1.56724c(04011224)	2.25164 (04041424)	3.05701 (04021224)
4424500.0	3.13947 (04021524)	1.66779c(04011224)	1.61136c(04011224)	2.81831 (04040624)	4.64751 (04021324)
4424000.0	4.10758 (04022624)	1.55838c(04011224)	1.43976c(04011224)	2.60052 (04041024)	5.31195 (04021224)
4423500.0	5.12988 (04111924)	4.49158 (04111924)			

2.05468 (04061224) 1.34434c(04110124) 2.23864 (04052424)
 4423000.0 | 3.65045 (04111924) 3.66714 (04052824)
5.27897 (04052824) 3.23707 (04082624) 1.75830 (04042324)
 4422500.0 | 2.46413 (04052824) 5.29138 (04070524)
6.56807 (04070524) 6.71071 (04070824) 3.19713 (04060924)
 4422000.0 | 3.66066 (04070524) 4.09336 (04070524)
3.99321 (04070424) 4.74793 (04070824) 2.60537 (04060924)
 4421500.0 | 2.64524 (04070524) 2.32741 (04070424)
3.45032 (04070424) 2.71915 (04070824) 1.95010 (04062424)
 4421000.0 | 1.62819 (04070524) 2.29820 (04070924)
2.80158 (04070824) 2.17556 (04090524) 1.51467 (04062424)
 4420500.0 | 1.53948 (04070924) 2.44536 (04070924)
2.17468 (04070824) 1.87897 (04090524) 1.41857 (04010424)
 4420000.0 | 1.81740 (04101324) 2.24196 (04070924)
1.78554 (04073024) 1.70614 (04090524) 1.50492 (04010424)
 4419500.0 | 2.68396 (04010824) 1.97045 (04070924)
1.60852 (04010424) 3.28732 (04021124) 2.90458 (04032524)
 4419000.0 | 1.93333 (04101324) 2.44031 (04021124)
2.81401 (04032524) 6.04096 (04051124) 7.19745 (04022624)
 4418500.0 | 2.40581 (04051224) 2.01392 (04051224)
1.76134 (04022024) 4.70480 (04022624) 3.25797 (04022624)
 4418000.0 | 2.11403 (04051424) 1.76318 (04051424)
1.43446 (04051424) 4.43710 (04061924) 7.00636 (04061924)
 4417500.0 | 2.17811 (04021024) 15.85286 (04062024)
4.20543 (04082924) 10.24227 (04062024) 12.27726 (04022224)
 4417000.0 | 1.68057 (04021024) 6.63833 (04091024)
4.97401 (04122624) 8.61342 (04122524) 9.25317 (04022024)
 4416500.0 | 9.48442 (04082424) 10.29822 (04082924)
7.34911 (04050624) 5.49154 (04101024) 8.07504 (04101024)
 4416000.0 | 1.28778 (04060524) 7.19537 (04092024)
7.46433 (04122924) 7.80457 (04101024) 6.82312 (04050624)
 4415500.0 | 0.83704 (04042324) 0.90838 (04061024)

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3.80994 (04061024)      5.00594 (04022924)      8.74334 (04092024)
 4415000.0 |      1.26643 (04051524)      0.73589 (04042324)
0.87268 (04090524)      1.32640 (04022924)      3.11393 (04060524)
 4414500.0 |      1.59481 (04112224)      1.06978 (04051524)
0.77555 (04090524)      0.81527 (04090524)      0.74732 (04090524)
 4414000.0 |      1.82842 (04112224)      1.55297 (04112224)
0.93380 (04112224)      0.74144 (04090524)      0.65688 (04090524)
 4413500.0 |      1.52358 (04112224)      1.79367 (04112224)
1.47819 (04112224)      0.90342 (04112224)      0.61659 (04090524)
 4413000.0 |      1.08878 (04112224)      1.63819 (04112224)
1.67961 (04112224)      1.35105 (04112224)      0.86312 (04112224)
 4412500.0 |      1.10339 (04041624)      1.16167 (04112224)
1.49102 (04112224)      1.54193 (04112224)      1.23598 (04112224)
 4412000.0 |      1.20546 (04041624)      0.85300 (04112224)
1.22083 (04112224)      1.48132 (04112224)      1.46837 (04112224)
 4411500.0 |      1.19699 (04041624)      0.89506 (04041624)
0.94051 (04112224)      1.25956 (04112224)      1.43945 (04112224)
 4411000.0 |      1.18179 (04090924)      0.95221 (04090424)
0.71254 (04112224)      1.01965 (04112224)      1.28702 (04112224)
 4410500.0 |      1.17148 (04090924)      0.98436 (04090424)
0.77623 (04090424)      0.82165 (04112224)      1.08692 (04112224)
 4410000.0 |      1.14039 (04090924)      1.01756c(04121424)
0.81648 (04090424)      0.64013 (04112224)      0.87936 (04112224)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/24/11
                                  ***
                                  ***        19:46:59

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 **MODELOPTs:  RegDFAULT CONC
  ELEV
```

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	540500.00	541000.00	541500.00	542000.00	542500.00
4425000.0	5.37529 (04021324)	2.08219 (04021324)	2.04825 (04100824)	9.02704 (04010824)	7.35343 (04100824)
4424500.0	4.57119 (04021324)	2.82816 (04050724)	5.76899c(04011224)	7.70124 (04010424)	9.84685 (04010424)
4424000.0	4.63250 (04050724)	4.24896 (04093024)	5.74500 (04010424)	8.32402 (04012824)	7.87084 (04012824)
4423500.0	6.67882 (04051224)	4.84153 (04051424)	4.86298 (04012824)	6.15426 (04012824)	7.53936 (04021124)
4423000.0	3.33803 (04081224)	2.68827 (04021024)	3.14964 (04051124)	2.92584 (04021124)	2.26492 (04010824)
4422500.0	4.31911 (04051524)	2.04577 (04010824)	1.83136 (04010824)	1.88438 (04010824)	3.71108 (04010824)

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 4422000.0 |      2.94945 (04051524)      2.75536 (04051524)
1.39427 (04051524)      3.30784 (04010824)      4.01103 (04010824)
 4421500.0 |      2.31324 (04041624)      2.29988 (04051524)
2.45832 (04010824)      2.63148 (04010824)      4.95067c(04100124)
 4421000.0 |      2.15488 (04090924)      1.79872 (04041624)
3.07332c(04100124)     11.33015c(04100124)      9.21224c(04122024)
 4420500.0 |      1.87146 (04090924)      2.40726 (04021124)
12.04771c(04100124)     12.40103c(04122024)     10.26309c(04122024)
 4420000.0 |      2.83007 (04021124)      8.17547 (04021124)
15.87492c(04100124)     12.09748c(04122024)     13.83455c(04122024)
 4419500.0 |      4.79686 (04051124)      8.69557 (04040524)
18.52808c(04100124)     15.58050c(04100124)     13.35750c(04100124)
 4419000.0 |      9.18644 (04022624)      8.26650 (04022624)
9.21449c(04100124)      9.76593c(04122024)      7.91466c(04122024)
 4418500.0 |      3.15407c(04100124)      4.51522c(04100124)
7.27382c(04100124)      9.13353 (04052524)      5.30713c(04122024)
 4418000.0 |      6.89547 (04061924)      6.79448 (04122524)
6.45618 (04101724)      5.94853 (04120524)      5.20076c(04122024)
 4417500.0 |      9.45419 (04022024)      8.67784 (04022024)
7.94672 (04120524)      7.41841 (04120524)      6.88719 (04022024)
 4417000.0 |      8.71153 (04022024)      7.91468 (04120524)
7.73792 (04050924)      7.41432 (04120524)      6.95772 (04050924)
 4416500.0 |      4.66681 (04022024)      5.25846 (04022024)
5.16528 (04022024)      5.07820 (04050924)      5.10608 (04050924)
 4416000.0 |      5.44437 (04101024)      4.28340 (04082924)
3.11514 (04101024)      2.06018 (04101024)      4.81690 (04100924)
 4415500.0 |      6.46829 (04092024)      6.12545 (04082924)
7.26351 (04082924)      4.93622 (04050624)      5.43813 (04100924)
 4415000.0 |      4.31800 (04092024)      5.24521 (04092024)
8.34947 (04092024)      5.08446 (04122924)      4.89392 (04050624)
 4414500.0 |      0.57917 (04022124)      1.48754 (04060524)
2.90056 (04022924)      3.30533 (04061024)      3.96811 (04092024)
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 4414000.0 | 0.48224 (04090524)   0.51031 (04122924)
1.04853 (04060524)   2.65892 (04022924)   3.34578 (04060524)
 4413500.0 | 0.47245 (04090524)   0.40796 (04122924)
0.46253 (04090924)   0.59940 (04090924)   0.97841 (04060524)
 4413000.0 | 0.53953 (04040324)   0.40558 (04040324)
0.40300 (04090924)   0.51757 (04090924)   0.61891 (04090924)
 4412500.0 | 0.87940 (04112224)   0.50859 (04021424)
0.40989 (04021424)   0.44977 (04090924)   0.54482 (04090924)
 4412000.0 | 1.22730 (04112224)   0.84790 (04112224)
0.53896 (04112224)   0.44308 (04021424)   0.48688 (04090924)
 4411500.0 | 1.46164 (04112224)   1.21263 (04112224)
0.82749 (04112224)   0.54438 (04112224)   0.46527 (04021424)
 4411000.0 | 1.40811 (04112224)   1.32427 (04112224)
1.09367 (04112224)   0.81621 (04112224)   0.56821 (04112224)
 4410500.0 | 1.28865 (04112224)   1.35439 (04112224)
1.27173 (04112224)   1.06040 (04112224)   0.80813 (04112224)
 4410000.0 | 1.12637 (04112224)   1.27994 (04112224)
1.33112 (04112224)   1.21991 (04112224)   1.02316 (04112224)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
                                  ***
                                  ***   19:46:59

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 **MODELOPTs: RegDFAULT CONC
  ELEV

                               *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 3ALT-KUM ***
                                  INCLUDING SOURCE(S):   BACA1A ,

BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 543000.00
4425000.0	10.58639 (04010424)
4424500.0	10.57007 (04012824)
4424000.0	6.31798 (04021124)
4423500.0	3.64617 (04021124)
4423000.0	5.20462 (04010824)
4422500.0	1.16895 (04010524)
4422000.0	6.70808c(04122024)
4421500.0	8.27621c(04122024)
4421000.0	5.58001c(04122024)
4420500.0	9.57447c(04122024)
4420000.0	12.27538c(04122024)
4419500.0	11.84499c(04100124)
4419000.0	6.86976c(04072824)
4418500.0	4.50854c(04072824)
4418000.0	4.95058c(04122024)
4417500.0	6.84764 (04022024)
4417000.0	6.80483 (04022024)
4416500.0	5.23698 (04022024)

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 4416000.0 |      5.55592 (04052524)
 4415500.0 |      3.69198 (04052424)
 4415000.0 |      4.70648 (04050624)
 4414500.0 |      4.43321 (04050624)
 4414000.0 |      3.75133 (04092024)
 4413500.0 |      2.30637 (04060524)
 4413000.0 |      0.68246 (04090924)
 4412500.0 |      0.60046 (04090924)
 4412000.0 |      0.54212 (04090924)
 4411500.0 |      0.49314 (04090924)
 4411000.0 |      0.47772 (04021424)
 4410500.0 |      0.59710 (04112224)
 4410000.0 |      0.82087 (04112224)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/24/11
                                  ***
                                  ***        19:46:59

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 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  3ALT-KUM ***
                                  INCLUDING SOURCE(S):      BACA1A   ,
BACA1B   , ON.ISIT., CALIK1   , CALIK2   , CALIK3   ,

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
537268.00	4419321.00	2.04866	(04012224)
533288.00	4420664.00	1.36051c	(04011224)
530873.00	4418253.00	1.61645	(04012624)
532253.00	4419045.00	1.17876c	(04011224)
534268.00	4421987.00	1.12851c	(04011224)
536366.00	4419557.00	4.52456	(04021324)
534987.00	4418091.00	3.90652	(04041024)
530614.00	4415312.00	2.00312c	(04122724)
538946.00	4413223.00	1.65165	(04112224)
541693.00	4411996.00	0.49175	(04021424)

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/24/11
***
*** 19:46:59

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B ,

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

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
1.	434.03887	(04092823)	AT	(534000.00, 4417500.00)	GC	41.	377.61868	(04021702)	AT	(534000.00, 4417500.00)	GC
2.	433.03713	(04092301)	AT	(534000.00, 4417500.00)	GC	42.	369.74153	(04042703)	AT	(534000.00, 4417500.00)	GC
3.	431.27154	(04072304)	AT	(534000.00, 4417500.00)	GC	43.	363.09020	(04122806)	AT	(534000.00, 4417500.00)	GC
4.	427.52082	(04091904)	AT	(534000.00, 4417500.00)	GC	44.	359.02057	(04072902)	AT	(534000.00, 4417500.00)	GC
5.	425.83841	(04060922)	AT	(534000.00, 4417500.00)	GC	45.	355.54933	(04101124)	AT	(534000.00, 4417500.00)	GC
6.	425.61742	(04032122)	AT	(534000.00, 4417500.00)	GC	46.	354.61312	(04011802)	AT	(534000.00, 4417500.00)	GC
7.	417.71104	(04040901)	AT	(534000.00, 4417500.00)	GC	47.	353.63212	(04101201)	AT	(534000.00, 4417500.00)	GC
8.	417.12154	(04030223)	AT	(534000.00, 4417500.00)	GC	48.	353.26011	(04032121)	AT	(534000.00, 4417500.00)	GC
9.	412.58163	(04110601)	AT	(534000.00, 4417500.00)	GC	49.	345.76962	(04110524)	AT	(534000.00, 4417500.00)	GC
10.	412.00085	(04110603)	AT	(534000.00, 4417500.00)	GC	50.	344.82733	(04080305)	AT	(534000.00, 4417500.00)	GC
11.	410.80648	(04110604)	AT	(534000.00, 4417500.00)	GC	51.	342.27338	(04042022)	AT	(534000.00, 4417500.00)	GC
12.	409.49465	(04110606)	AT	(534000.00, 4417500.00)	GC	52.	327.93840	(04013021)	AT	(534000.00, 4417500.00)	GC

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   13.     408.69672 (04061724) AT ( 534000.00, 4417500.00)  GC
53.      326.66459 (04072102) AT ( 534000.00, 4417500.00)  GC
   14.     408.56730 (04041120) AT ( 534000.00, 4417500.00)  GC
54.      324.28289 (04112905) AT ( 534000.00, 4417500.00)  GC
   15.     408.14789 (04072901) AT ( 534000.00, 4417500.00)  GC
55.      322.68205 (04112823) AT ( 534000.00, 4417500.00)  GC
   16.     407.64198 (04041121) AT ( 534000.00, 4417500.00)  GC
56.      318.50538 (04030119) AT ( 534000.00, 4417500.00)  GC
   17.     407.24880 (04020123) AT ( 534000.00, 4417500.00)  GC
57.      315.13172 (04012701) AT ( 534000.00, 4417500.00)  GC
   18.     407.20358 (04070404) AT ( 534000.00, 4417500.00)  GC
58.      312.81033 (04112822) AT ( 534000.00, 4417500.00)  GC
   19.     406.99253 (04032805) AT ( 534000.00, 4417500.00)  GC
59.      304.51134 (04080304) AT ( 534000.00, 4417500.00)  GC
   20.     404.96661 (04021623) AT ( 534000.00, 4417500.00)  GC
60.      298.39812 (04102101) AT ( 534000.00, 4417500.00)  GC
   21.     403.39125 (04062424) AT ( 534000.00, 4417500.00)  GC
61.      296.91529 (04041923) AT ( 534000.00, 4417500.00)  GC
   22.     403.39125 (04062501) AT ( 534000.00, 4417500.00)  GC
62.      295.92875 (04082105) AT ( 534000.00, 4417500.00)  GC
   23.     402.08369 (04021705) AT ( 534000.00, 4417500.00)  GC
63.      294.44528 (04052405) AT ( 534000.00, 4417500.00)  GC
   24.     399.29448 (04021703) AT ( 534000.00, 4417500.00)  GC
64.      294.11330 (04071123) AT ( 534000.00, 4417500.00)  GC
   25.     397.81424 (04121702) AT ( 534000.00, 4417500.00)  GC
65.      293.41221 (04051224) AT ( 534000.00, 4417500.00)  GC
   26.     397.01537 (04101202) AT ( 534000.00, 4417500.00)  GC
66.      292.40183 (04030923) AT ( 534000.00, 4417500.00)  GC
   27.     395.98875 (04030221) AT ( 534000.00, 4417500.00)  GC
67.      290.48617 (04110520) AT ( 534000.00, 4417500.00)  GC
   28.     395.59783 (04120518) AT ( 534000.00, 4417500.00)  GC
68.      290.46410 (04100604) AT ( 534000.00, 4417500.00)  GC
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   29.     391.41609 (04112904) AT ( 534000.00, 4417500.00)  GC
69.      290.43807 (04032301) AT ( 534000.00, 4417500.00)  GC
   30.     388.62118 (04120122) AT ( 534000.00, 4417500.00)  GC
70.      287.34580 (04110602) AT ( 534000.00, 4417500.00)  GC
   31.     387.31467 (04050305) AT ( 534000.00, 4417500.00)  GC
71.      285.68390 (04040424) AT ( 534000.00, 4417500.00)  GC
   32.     385.77944 (04110607) AT ( 534000.00, 4417500.00)  GC
72.      285.54039 (04120908) AT ( 534000.00, 4417500.00)  GC
   33.     385.32270 (04110605) AT ( 534000.00, 4417500.00)  GC
73.      281.63152 (04021624) AT ( 534000.00, 4417500.00)  GC
   34.     385.28477 (04020507) AT ( 534000.00, 4417500.00)  GC
74.      280.75633 (04112304) AT ( 534000.00, 4417500.00)  GC
   35.     385.28477 (04121221) AT ( 534000.00, 4417500.00)  GC
75.      279.84287 (04021704) AT ( 534000.00, 4417500.00)  GC
   36.     384.14839 (04020505) AT ( 534000.00, 4417500.00)  GC
76.      278.51467 (04022523) AT ( 534000.00, 4417500.00)  GC
   37.     383.40907 (04121223) AT ( 534000.00, 4417500.00)  GC
77.      277.02232 (04071123) AT ( 533500.00, 4417500.00)  GC
   38.     382.86912 (04021622) AT ( 534000.00, 4417500.00)  GC
78.      275.89874 (04033005) AT ( 534000.00, 4417500.00)  GC
   39.     380.18191 (04121302) AT ( 534000.00, 4417500.00)  GC
79.      275.11210 (04112307) AT ( 533500.00, 4418000.00)  GC
   40.     378.62149 (04020201) AT ( 534000.00, 4417500.00)  GC
80.      273.99022 (04033006) AT ( 533500.00, 4418000.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/24/11
                                  ***
                                  ***        19:46:59

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 **MODELOPTs:  RegDFAULT CONC
  ELEV
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*** THE MAXIMUM 500 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B ,

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

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
81.	272.36771	(04080505)	AT	(533500.00, 4417000.00)	GC	121.	237.47123	(04042024)	AT	(534000.00, 4417500.00)	GC
82.	271.91111	(04071303)	AT	(533500.00, 4417000.00)	GC	122.	235.97610	(04072824)	AT	(534500.00, 4417500.00)	GC
83.	271.05242	(04112906)	AT	(534000.00, 4417500.00)	GC	123.	235.75668	(04072724)	AT	(533500.00, 4416000.00)	GC
84.	269.38017	(04080303)	AT	(534000.00, 4417500.00)	GC	124.	235.01035	(04020221)	AT	(534000.00, 4417500.00)	GC
85.	268.99881	(04121305)	AT	(534000.00, 4417500.00)	GC	125.	234.88989	(04082204)	AT	(533000.00, 4417500.00)	GC
86.	267.55892	(04082103)	AT	(533500.00, 4417000.00)	GC	126.	234.88288	(04090801)	AT	(533500.00, 4416000.00)	GC
87.	267.18999	(04111620)	AT	(534000.00, 4417500.00)	GC	127.	234.57268	(04020223)	AT	(533500.00, 4417500.00)	GC
88.	266.60781	(04012707)	AT	(533500.00, 4418000.00)	GC	128.	234.32920	(04082202)	AT	(533000.00, 4417500.00)	GC
89.	266.47610	(04082102)	AT	(533500.00, 4417000.00)	GC						

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129.     234.14869 (04051722) AT ( 533500.00, 4418000.00)  GC
   90.     264.51763 (04060423) AT ( 533500.00, 4417000.00)  GC
130.     233.96743 (04103106) AT ( 533500.00, 4417000.00)  GC
   91.     263.41607 (04121508) AT ( 534000.00, 4417500.00)  GC
131.     233.45009 (04012507) AT ( 533500.00, 4418000.00)  GC
   92.     262.91434 (04012522) AT ( 534000.00, 4417500.00)  GC
132.     232.91227 (04011801) AT ( 534000.00, 4417500.00)  GC
   93.     261.55956 (04101923) AT ( 533500.00, 4417000.00)  GC
133.     232.89416 (04010304) AT ( 533500.00, 4417500.00)  GC
   94.     261.30732 (04101024) AT ( 533500.00, 4418000.00)  GC
134.     232.15798 (04012520) AT ( 534000.00, 4417500.00)  GC
   95.     261.12873 (04012519) AT ( 534000.00, 4417500.00)  GC
135.     231.46527 (04052905) AT ( 533500.00, 4417000.00)  GC
   96.     259.58452 (04102422) AT ( 533500.00, 4417000.00)  GC
136.     230.55315 (04011708) AT ( 534000.00, 4417500.00)  GC
   97.     258.36036 (04020223) AT ( 534000.00, 4417500.00)  GC
137.     230.47309 (04072005) AT ( 534000.00, 4417500.00)  GC
   98.     256.31229 (04090203) AT ( 533500.00, 4416000.00)  GC
138.     230.43634 (04062603) AT ( 534000.00, 4417500.00)  GC
   99.     255.79151 (04110905) AT ( 533500.00, 4417000.00)  GC
139.     230.26107 (04110320) AT ( 534000.00, 4417500.00)  GC
  100.     255.73235 (04071304) AT ( 533500.00, 4417000.00)  GC
140.     230.06737 (04121702) AT ( 533500.00, 4417500.00)  GC
  101.     255.09993 (04052324) AT ( 533500.00, 4418000.00)  GC
141.     229.93237 (04081303) AT ( 534000.00, 4417500.00)  GC
  102.     252.18208 (04042121) AT ( 533500.00, 4418000.00)  GC
142.     229.60343 (04061823) AT ( 533500.00, 4417500.00)  GC
  103.     250.19424 (04040923) AT ( 533500.00, 4417000.00)  GC
143.     228.79584 (04020404) AT ( 533500.00, 4417000.00)  GC
  104.     250.09627 (04012701) AT ( 533500.00, 4417500.00)  GC
144.     228.50557 (04062504) AT ( 534000.00, 4417500.00)  GC
  105.     250.03079 (04110907) AT ( 533500.00, 4417000.00)  GC
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145.     228.34817 (04011003) AT ( 534000.00, 4417500.00)  GC
  106.     248.48243 (04041224) AT ( 534000.00, 4417500.00)  GC
146.     227.88448 (04012518) AT ( 534000.00, 4417500.00)  GC
  107.     248.37414 (04042022) AT ( 533500.00, 4417500.00)  GC
147.     227.76641 (04101123) AT ( 533500.00, 4418000.00)  GC
  108.     248.30114 (04012601) AT ( 534000.00, 4417500.00)  GC
148.     227.42091 (04011922) AT ( 533500.00, 4417500.00)  GC
  109.     248.14217 (04041923) AT ( 533500.00, 4417500.00)  GC
149.     226.96116 (04111001) AT ( 533500.00, 4417000.00)  GC
  110.     247.93244 (04010518) AT ( 533500.00, 4418000.00)  GC
150.     226.68205 (04051702) AT ( 533500.00, 4417000.00)  GC
  111.     247.09734 (04030603) AT ( 534000.00, 4417500.00)  GC
151.     226.45272 (04060921) AT ( 534000.00, 4417500.00)  GC
  112.     246.91139 (04012522) AT ( 533500.00, 4417500.00)  GC
152.     226.43755 (04021703) AT ( 533500.00, 4417500.00)  GC
  113.     245.92922 (04092718) AT ( 533500.00, 4416000.00)  GC
153.     226.23945 (04071124) AT ( 534000.00, 4417500.00)  GC
  114.     245.36040 (04110519) AT ( 533500.00, 4417000.00)  GC
154.     226.14803 (04112907) AT ( 534000.00, 4417500.00)  GC
  115.     244.12272 (04012519) AT ( 533500.00, 4417500.00)  GC
155.     226.02281 (04012601) AT ( 533500.00, 4417500.00)  GC
  116.     242.94402 (04020322) AT ( 533500.00, 4418000.00)  GC
156.     225.94604 (04011802) AT ( 533500.00, 4417500.00)  GC
  117.     242.51812 (04120919) AT ( 533500.00, 4418000.00)  GC
157.     225.30931 (04080305) AT ( 533500.00, 4417500.00)  GC
  118.     242.28956 (04122806) AT ( 533500.00, 4417500.00)  GC
158.     225.30094 (04051605) AT ( 533500.00, 4418000.00)  GC
  119.     241.84571 (04080424) AT ( 533500.00, 4416000.00)  GC
159.     225.26445 (04051305) AT ( 533000.00, 4417500.00)  GC
  120.     240.14955 (04042703) AT ( 533500.00, 4417500.00)  GC
160.     225.13449 (04082202) AT ( 533500.00, 4417500.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B ,

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

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
161.	225.04353	(04103105)	AT	(533500.00, 4417000.00)	GC	201.	213.09609	(04053102)	AT	(534000.00, 4417500.00)	GC
162.	224.74498	(04020506)	AT	(534000.00, 4417500.00)	GC	202.	213.00688	(04051704)	AT	(533000.00, 4417500.00)	GC
163.	224.71969	(04021705)	AT	(533500.00, 4417500.00)	GC	203.	212.82070	(04121301)	AT	(533000.00, 4417500.00)	GC
164.	223.79586	(04120821)	AT	(533500.00, 4417000.00)	GC	204.	212.73664	(04020124)	AT	(533000.00, 4417500.00)	GC
165.	222.92016	(04082204)	AT	(533500.00, 4417500.00)	GC	205.	211.43103	(04121302)	AT	(533500.00, 4417500.00)	GC

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  166.     222.64288 (04041002) AT ( 533500.00, 4417000.00)  GC
206.     211.15571 (04101905) AT ( 533000.00, 4417500.00)  GC
  167.     222.00149 (04120121) AT ( 533000.00, 4417500.00)  GC
207.     210.87504 (04123105) AT ( 533500.00, 4417000.00)  GC
  168.     221.99165 (04102621) AT ( 533500.00, 4417000.00)  GC
208.     210.45215 (04052404) AT ( 533000.00, 4417500.00)  GC
  169.     221.96550 (04010304) AT ( 534000.00, 4417500.00)  GC
209.     210.44655 (04080103) AT ( 533500.00, 4416000.00)  GC
  170.     221.83223 (04021623) AT ( 533500.00, 4417500.00)  GC
210.     210.39713 (04112707) AT ( 534000.00, 4417500.00)  GC
  171.     221.55780 (04121224) AT ( 534000.00, 4417500.00)  GC
211.     210.05531 (04091422) AT ( 533500.00, 4416000.00)  GC
  172.     221.33520 (04020320) AT ( 533500.00, 4417000.00)  GC
212.     210.05531 (04092101) AT ( 533500.00, 4416000.00)  GC
  173.     221.28758 (04012607) AT ( 534000.00, 4417500.00)  GC
213.     209.96768 (04040423) AT ( 534000.00, 4417500.00)  GC
  174.     221.09094 (04102003) AT ( 533500.00, 4417000.00)  GC
214.     209.88541 (04112902) AT ( 534000.00, 4417500.00)  GC
  175.     220.95803 (04012521) AT ( 534000.00, 4417500.00)  GC
215.     209.63184 (04041122) AT ( 533500.00, 4416000.00)  GC
  176.     220.40277 (04091905) AT ( 533500.00, 4417000.00)  GC
216.     209.59344 (04082203) AT ( 533500.00, 4417500.00)  GC
  177.     220.06347 (04020405) AT ( 533500.00, 4417000.00)  GC
217.     209.54062 (04021622) AT ( 533500.00, 4417500.00)  GC
  178.     219.21786 (04080221) AT ( 534000.00, 4417500.00)  GC
218.     209.30745 (04121508) AT ( 533500.00, 4417500.00)  GC
  179.     218.88955 (04112305) AT ( 534000.00, 4417500.00)  GC
219.     209.19871 (04030902) AT ( 533500.00, 4417000.00)  GC
  180.     218.81403 (04020123) AT ( 533500.00, 4417500.00)  GC
220.     208.74801 (04092822) AT ( 534500.00, 4417500.00)  GC
  181.     218.21841 (04121220) AT ( 533000.00, 4417500.00)  GC
221.     208.71854 (04101519) AT ( 533500.00, 4416000.00)  GC
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  182.     218.08790 (04123108) AT ( 533500.00, 4417000.00)  GC
222.     208.58371 (04061302) AT ( 533500.00, 4416000.00)  GC
  183.     218.07697 (04071305) AT ( 533500.00, 4417000.00)  GC
223.     208.53682 (04090824) AT ( 533500.00, 4416000.00)  GC
  184.     217.66822 (04110604) AT ( 533500.00, 4417500.00)  GC
224.     208.47460 (04010318) AT ( 534000.00, 4417500.00)  GC
  185.     217.64049 (04010117) AT ( 534000.00, 4417500.00)  GC
225.     208.42554 (04021702) AT ( 533500.00, 4417500.00)  GC
  186.     217.28283 (04103107) AT ( 533500.00, 4417000.00)  GC
226.     208.03222 (04040901) AT ( 533500.00, 4417500.00)  GC
  187.     217.03446 (04110606) AT ( 533500.00, 4417500.00)  GC
227.     207.73484 (04020505) AT ( 533500.00, 4417500.00)  GC
  188.     216.67291 (04082203) AT ( 533000.00, 4417500.00)  GC
228.     207.48838 (04030223) AT ( 533500.00, 4417500.00)  GC
  189.     216.56239 (04030222) AT ( 533000.00, 4417500.00)  GC
229.     206.95512 (04091322) AT ( 533500.00, 4416000.00)  GC
  190.     216.42101 (04110603) AT ( 533500.00, 4417500.00)  GC
230.     206.83566 (04012405) AT ( 534000.00, 4417500.00)  GC
  191.     216.01090 (04092420) AT ( 533500.00, 4416000.00)  GC
231.     206.66132 (04092720) AT ( 533500.00, 4416000.00)  GC
  192.     215.50536 (04010406) AT ( 533500.00, 4417500.00)  GC
232.     206.60047 (04020507) AT ( 533500.00, 4417500.00)  GC
  193.     215.33694 (04080203) AT ( 533500.00, 4416000.00)  GC
233.     206.60047 (04121221) AT ( 533500.00, 4417500.00)  GC
  194.     215.33072 (04010406) AT ( 534000.00, 4417500.00)  GC
234.     206.38996 (04110605) AT ( 533500.00, 4417500.00)  GC
  195.     215.26403 (04110601) AT ( 533500.00, 4417500.00)  GC
235.     206.13082 (04012117) AT ( 533500.00, 4418000.00)  GC
  196.     214.84764 (04080901) AT ( 533500.00, 4417500.00)  GC
236.     206.08472 (04011924) AT ( 533500.00, 4418000.00)  GC
  197.     214.78357 (04032805) AT ( 533500.00, 4417500.00)  GC
237.     206.05477 (04020201) AT ( 533500.00, 4417500.00)  GC
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  198.   214.54531 (04011922) AT (534000.00, 4417500.00) GC
238.   206.02513 (04083121) AT (533500.00, 4416000.00) GC
  199.   214.21517 (04102704) AT (533500.00, 4417000.00) GC
239.   205.93909 (04110122) AT (533500.00, 4416000.00) GC
  200.   213.73728 (04061823) AT (534000.00, 4417500.00) GC
240.   205.54885 (04102901) AT (533500.00, 4416000.00) GC
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/24/11
                                   ***
                                   ***   19:46:59

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 **MODELOPTs: RegDFAULT CONC
  ELEV

                                  *** THE MAXIMUM 500   1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 1ALT   ***
                                     INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   ,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE
 -
- -
  241.   205.32938 (04110607) AT (533500.00, 4417500.00) GC
281.   197.64162 (04092124) AT (533500.00, 4416000.00) GC
  242.   205.25220 (04031903) AT (533000.00, 4417500.00) GC

282. 197.62560 (04083101) AT (533500.00, 4416000.00) GC
243. 204.49505 (04012521) AT (533500.00, 4417500.00) GC
283. 197.55774 (04051821) AT (534000.00, 4417500.00) GC
244. 204.19274 (04030923) AT (533500.00, 4417500.00) GC
284. 197.09910 (04120122) AT (533500.00, 4417500.00) GC
245. 204.18065 (04090705) AT (533500.00, 4416000.00) GC
285. 197.09532 (04120908) AT (533500.00, 4417500.00) GC
246. 204.18065 (04091101) AT (533500.00, 4416000.00) GC
286. 197.04771 (04092622) AT (533500.00, 4416000.00) GC
247. 204.18065 (04103103) AT (533500.00, 4416000.00) GC
287. 196.94422 (04080401) AT (533500.00, 4416000.00) GC
248. 203.56406 (04090820) AT (533500.00, 4416000.00) GC
288. 196.90656 (04020221) AT (533500.00, 4417500.00) GC
249. 203.35270 (04031902) AT (533000.00, 4417500.00) GC
289. 196.87005 (04100304) AT (533000.00, 4416500.00) GC
250. 203.29723 (04110504) AT (533000.00, 4417500.00) GC
290. 196.80828 (04080304) AT (533500.00, 4417500.00) GC
251. 203.28149 (04103005) AT (533500.00, 4416000.00) GC
291. 196.78168 (04082920) AT (538500.00, 4417500.00) GC
252. 202.99325 (04043001) AT (533500.00, 4416000.00) GC
292. 196.75507 (04102002) AT (533500.00, 4417000.00) GC
253. 202.98949 (04090904) AT (533500.00, 4416000.00) GC
293. 196.70058 (04072705) AT (533500.00, 4416000.00) GC
254. 202.91771 (04121223) AT (533500.00, 4417500.00) GC
294. 196.48095 (04021620) AT (533500.00, 4417500.00) GC
255. 201.55802 (04071201) AT (533500.00, 4416000.00) GC
295. 196.43411 (04103024) AT (533000.00, 4416500.00) GC
256. 201.45491 (04072303) AT (533500.00, 4416000.00) GC
296. 196.39099 (04050903) AT (533000.00, 4416500.00) GC
257. 201.44772 (04082205) AT (533500.00, 4416000.00) GC
297. 196.01638 (04121306) AT (533000.00, 4417500.00) GC
258. 201.12461 (04081302) AT (533500.00, 4417500.00) GC

298. 196.01070 (04021621) AT (533000.00, 4417500.00) GC
259. 201.09922 (04022921) AT (533500.00, 4417000.00) GC
299. 195.92435 (04032122) AT (533500.00, 4417500.00) GC
260. 201.02512 (04030918) AT (533500.00, 4417000.00) GC
300. 195.82058 (04123106) AT (533000.00, 4416500.00) GC
261. 200.83361 (04112904) AT (533500.00, 4417500.00) GC
301. 195.81934 (04072703) AT (533500.00, 4416000.00) GC
262. 200.48463 (04052222) AT (533500.00, 4416000.00) GC
302. 195.81415 (04092623) AT (533500.00, 4416000.00) GC
263. 200.40285 (04080105) AT (534500.00, 4417000.00) GC
303. 195.68751 (04051305) AT (533500.00, 4417500.00) GC
264. 200.03767 (04083024) AT (533500.00, 4416000.00) GC
304. 195.43106 (04102221) AT (533500.00, 4416000.00) GC
265. 200.02750 (04100603) AT (533500.00, 4417500.00) GC
305. 195.17127 (04010320) AT (533500.00, 4417500.00) GC
266. 199.82879 (04110521) AT (533500.00, 4416000.00) GC
306. 195.08023 (04022920) AT (533500.00, 4417000.00) GC
267. 199.35351 (04051703) AT (533000.00, 4417500.00) GC
307. 195.07932 (04100703) AT (533500.00, 4416000.00) GC
268. 199.19682 (04112822) AT (533500.00, 4417500.00) GC
308. 194.96666 (04080324) AT (533500.00, 4417000.00) GC
269. 199.13950 (04061301) AT (533500.00, 4416000.00) GC
309. 194.95749 (04031601) AT (533000.00, 4416500.00) GC
270. 199.09892 (04091601) AT (533500.00, 4416000.00) GC
310. 194.91418 (04012607) AT (533500.00, 4417500.00) GC
271. 199.09892 (04102921) AT (533500.00, 4416000.00) GC
311. 194.84202 (04100306) AT (533000.00, 4416500.00) GC
272. 198.61301 (04123103) AT (533000.00, 4416500.00) GC
312. 194.78655 (04102002) AT (533000.00, 4416500.00) GC
273. 198.38586 (04082806) AT (533500.00, 4416000.00) GC
313. 194.71416 (04112823) AT (533500.00, 4417500.00) GC
274. 198.33829 (04092721) AT (533500.00, 4416000.00) GC

314. 194.61971 (04112905) AT (533500.00, 4417500.00) GC
275. 198.20741 (04120823) AT (533000.00, 4416500.00) GC
315. 194.56668 (04011707) AT (533500.00, 4416000.00) GC
276. 197.99852 (04110906) AT (533000.00, 4416500.00) GC
316. 194.46500 (04050305) AT (533500.00, 4417500.00) GC
277. 197.98953 (04120124) AT (533000.00, 4416500.00) GC
317. 194.45759 (04060901) AT (533000.00, 4416500.00) GC
278. 197.84924 (04040924) AT (533000.00, 4416500.00) GC
318. 194.43101 (04080603) AT (533500.00, 4416000.00) GC
279. 197.77211 (04091206) AT (533000.00, 4416500.00) GC
319. 194.01292 (04090205) AT (533500.00, 4416000.00) GC
280. 197.64259 (04020401) AT (533000.00, 4416500.00) GC
320. 193.73090 (04020404) AT (533000.00, 4417000.00) GC

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
321.	193.66111	(04043022)	(534000.00, 4417500.00) GC	361.	189.07357	(04071224)	(534500.00, 4417500.00) GC
322.	193.65932	(04082605)	(533500.00, 4416000.00) GC	362.	188.82779	(04013021)	(533500.00, 4417500.00) GC
323.	193.44298	(04112301)	(534000.00, 4417500.00) GC	363.	188.80366	(04081804)	(533500.00, 4417000.00) GC
324.	193.42446	(04030402)	(533500.00, 4416000.00) GC	364.	188.69889	(04022920)	(533000.00, 4416500.00) GC
325.	193.01356	(04031901)	(533000.00, 4417500.00) GC	365.	188.68268	(04121222)	(533000.00, 4417500.00) GC
326.	192.84418	(04123108)	(533000.00, 4417000.00) GC	366.	188.55136	(04091303)	(533500.00, 4416000.00) GC
327.	192.82270	(04082101)	(533000.00, 4416500.00) GC	367.	188.47754	(04030202)	(533000.00, 4416500.00) GC
328.	192.75140	(04080901)	(533000.00, 4417500.00) GC	368.	188.38892	(04091905)	(533000.00, 4416500.00) GC
329.	192.57382	(04081302)	(533000.00, 4417500.00) GC	369.	188.33853	(04102422)	(533000.00, 4417000.00) GC
330.	192.41589	(04021701)	(533000.00, 4417500.00) GC	370.	188.16929	(04091320)	(534500.00, 4417000.00) GC
331.	192.33158	(04091904)	(533500.00, 4417500.00) GC	371.	188.04174	(04041302)	(533500.00, 4417000.00) GC
332.	192.28911	(04070205)	(533500.00, 4416000.00) GC	372.	187.99330	(04052205)	(533500.00, 4416000.00) GC
333.	192.28488	(04010320)	(534000.00, 4417500.00) GC	373.	187.95950	(04102621)	(533000.00, 4416500.00) GC
334.	192.25304	(04110918)	(533500.00, 4416000.00) GC	374.	187.76985	(04092923)	(533500.00, 4416000.00) GC

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  335.     192.22120 (04071205) AT ( 533500.00, 4416000.00)  GC
375.     187.72395 (04122807) AT ( 533000.00, 4416500.00)  GC
  336.     192.18273 (04100305) AT ( 533000.00, 4416500.00)  GC
376.     187.69730 (04060922) AT ( 533500.00, 4417500.00)  GC
  337.     192.06534 (04062205) AT ( 533500.00, 4416000.00)  GC
377.     187.65514 (04102707) AT ( 533000.00, 4416500.00)  GC
  338.     191.89351 (04092922) AT ( 533500.00, 4416000.00)  GC
378.     187.51516 (04071305) AT ( 533000.00, 4416500.00)  GC
  339.     191.83135 (04101804) AT ( 533000.00, 4416500.00)  GC
379.     187.47138 (04091306) AT ( 533500.00, 4416000.00)  GC
  340.     191.70694 (04092422) AT ( 533500.00, 4416000.00)  GC
380.     187.47138 (04091406) AT ( 533500.00, 4416000.00)  GC
  341.     191.61588 (04060402) AT ( 533500.00, 4416000.00)  GC
381.     187.42732 (04021805) AT ( 533000.00, 4416500.00)  GC
  342.     191.53090 (04012623) AT ( 534000.00, 4417500.00)  GC
382.     187.31041 (04091924) AT ( 533500.00, 4416000.00)  GC
  343.     191.13876 (04081721) AT ( 533500.00, 4416000.00)  GC
383.     187.17774 (04120121) AT ( 533500.00, 4417500.00)  GC
  344.     191.13031 (04042601) AT ( 533500.00, 4416000.00)  GC
384.     187.05751 (04062802) AT ( 533500.00, 4416000.00)  GC
  345.     190.96368 (04101905) AT ( 533500.00, 4417500.00)  GC
385.     187.01862 (04121805) AT ( 533500.00, 4416000.00)  GC
  346.     190.95612 (04041806) AT ( 533500.00, 4417000.00)  GC
386.     186.99903 (04123106) AT ( 533500.00, 4417000.00)  GC
  347.     190.65805 (04011923) AT ( 533500.00, 4417500.00)  GC
387.     186.95417 (04030221) AT ( 533500.00, 4417500.00)  GC
  348.     190.63561 (04120808) AT ( 533500.00, 4418000.00)  GC
388.     186.77696 (04060524) AT ( 533500.00, 4416000.00)  GC
  349.     190.39182 (04052404) AT ( 533500.00, 4417500.00)  GC
389.     186.66127 (04030805) AT ( 533500.00, 4416000.00)  GC
  350.     190.37637 (04072904) AT ( 533000.00, 4416500.00)  GC
390.     186.59193 (04031224) AT ( 533000.00, 4416500.00)  GC
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  351.     190.17232 (04071005) AT ( 533500.00, 4416000.00)  GC
391.     186.56276 (04122621) AT ( 533500.00, 4418000.00)  GC
  352.     190.12039 (04052303) AT ( 533500.00, 4416000.00)  GC
392.     186.38583 (04092024) AT ( 533500.00, 4416000.00)  GC
  353.     190.03429 (04062602) AT ( 534000.00, 4417500.00)  GC
393.     186.26269 (04082606) AT ( 533500.00, 4416000.00)  GC
  354.     189.80780 (04103024) AT ( 533500.00, 4417000.00)  GC
394.     186.19082 (04072105) AT ( 534000.00, 4417500.00)  GC
  355.     189.74401 (04052202) AT ( 533500.00, 4416000.00)  GC
395.     186.05793 (04020206) AT ( 533000.00, 4417500.00)  GC
  356.     189.71613 (04091706) AT ( 533500.00, 4416000.00)  GC
396.     185.71754 (04060505) AT ( 533500.00, 4416000.00)  GC
  357.     189.50643 (04082504) AT ( 533500.00, 4416000.00)  GC
397.     185.71754 (04061304) AT ( 533500.00, 4416000.00)  GC
  358.     189.42930 (04122823) AT ( 533000.00, 4416500.00)  GC
398.     185.63890 (04122707) AT ( 534000.00, 4417500.00)  GC
  359.     189.34290 (04012424) AT ( 533500.00, 4418000.00)  GC
399.     185.63002 (04102922) AT ( 533500.00, 4416000.00)  GC
  360.     189.30283 (04022921) AT ( 533000.00, 4416500.00)  GC
400.     185.35867 (04030222) AT ( 533500.00, 4417500.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/24/11
                                  ***
                                  ***        19:46:59

                                             PAGE 108
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                   *** THE MAXIMUM  500   1-HR AVERAGE
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CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT *** INCLUDING SOURCE(S): BACA1A , BACA1B ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE		RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
401.	185.28219	(04121108)	AT (533500.00, 4417000.00)	GC	441.	180.49415	(04032122)	AT (532000.00, 4417500.00)	GC
402.	185.23731	(04110702)	AT (533500.00, 4416000.00)	GC	442.	180.40738	(04102007)	AT (533500.00, 4417000.00)	GC
403.	184.94019	(04030204)	AT (533500.00, 4417000.00)	GC	443.	180.37800	(04110603)	AT (532000.00, 4417500.00)	GC
404.	184.92504	(04091420)	AT (533500.00, 4416000.00)	GC	444.	180.32398	(04110601)	AT (532000.00, 4417500.00)	GC
405.	184.92327	(04041302)	AT (533000.00, 4417000.00)	GC	445.	180.31717	(04091904)	AT (532000.00, 4417500.00)	GC
406.	184.64092	(04072904)	AT (533500.00, 4416500.00)	GC	446.	180.30205	(04091605)	AT (533500.00, 4416000.00)	GC
407.	184.40087	(04110620)	AT (533500.00, 4416000.00)	GC	447.	180.30205	(04103001)	AT (533500.00, 4416000.00)	GC
408.	184.13768	(04031721)	AT (534000.00, 4417500.00)	GC	448.	180.30205	(04103002)	AT (533500.00, 4416000.00)	GC
409.	184.09999	(04050823)	AT (533500.00, 4416000.00)	GC	449.	180.30205	(04110824)	AT (533500.00, 4416000.00)	GC
410.	184.09851	(04101202)	AT (533500.00, 4417500.00)	GC	450.	180.23648	(04082101)	AT (533500.00, 4417000.00)	GC
411.	183.90269	(04083004)	AT (533500.00, 4416000.00)	GC					

451. 180.23377 (04110604) AT (532000.00, 4417500.00) GC
412. 183.79915 (04072904) AT (533500.00, 4417000.00) GC
452. 180.21313 (04063005) AT (533500.00, 4416000.00) GC
413. 183.75287 (04102418) AT (533500.00, 4416000.00) GC
453. 180.19919 (04121220) AT (533500.00, 4417500.00) GC
414. 183.57288 (04122707) AT (533500.00, 4417500.00) GC
454. 180.00146 (04042723) AT (534500.00, 4417500.00) GC
415. 183.49446 (04123105) AT (533000.00, 4416500.00) GC
455. 179.72840 (04092722) AT (533500.00, 4416000.00) GC
416. 182.95373 (04011019) AT (533500.00, 4417000.00) GC
456. 179.61699 (04090819) AT (538500.00, 4417500.00) GC
417. 182.94149 (04080905) AT (533500.00, 4416000.00) GC
457. 179.56052 (04020204) AT (533000.00, 4417500.00) GC
418. 182.83048 (04100721) AT (533000.00, 4417500.00) GC
458. 179.53010 (04103105) AT (532500.00, 4416500.00) GC
419. 182.75501 (04072403) AT (533500.00, 4416000.00) GC
459. 179.31662 (04041002) AT (532500.00, 4416500.00) GC
420. 182.75501 (04082303) AT (533500.00, 4416000.00) GC
460. 179.18118 (04072304) AT (532000.00, 4417500.00) GC
421. 182.75331 (04041002) AT (533000.00, 4416500.00) GC
461. 178.99642 (04103106) AT (532500.00, 4416500.00) GC
422. 182.74985 (04102704) AT (533000.00, 4416500.00) GC
462. 178.88117 (04091206) AT (533500.00, 4417000.00) GC
423. 182.49724 (04103105) AT (533000.00, 4416500.00) GC
463. 178.82232 (04102003) AT (532500.00, 4416500.00) GC
424. 182.44143 (04102003) AT (533000.00, 4416500.00) GC
464. 178.80804 (04090902) AT (533500.00, 4416000.00) GC
425. 182.33368 (04101902) AT (533500.00, 4416000.00) GC
465. 178.80804 (04090903) AT (533500.00, 4416000.00) GC
426. 182.25654 (04103107) AT (533000.00, 4416500.00) GC
466. 178.80804 (04092002) AT (533500.00, 4416000.00) GC
427. 182.13252 (04061303) AT (533500.00, 4416000.00) GC

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467.     178.80804 (04102420) AT ( 533500.00, 4416000.00)  GC
  428.     182.04403 (04072202) AT ( 533500.00, 4416000.00)  GC
468.     178.79433 (04103124) AT ( 533500.00, 4416000.00)  GC
  429.     182.03462 (04072304) AT ( 533500.00, 4417500.00)  GC
469.     178.73323 (04012402) AT ( 534000.00, 4417500.00)  GC
  430.     181.99328 (04060701) AT ( 533500.00, 4416000.00)  GC
470.     178.67934 (04030203) AT ( 533000.00, 4416500.00)  GC
  431.     181.75895 (04092704) AT ( 533500.00, 4416000.00)  GC
471.     178.64277 (04111420) AT ( 533500.00, 4416000.00)  GC
  432.     181.72964 (04111805) AT ( 534000.00, 4417500.00)  GC
472.     178.45759 (04060922) AT ( 532000.00, 4417500.00)  GC
  433.     181.32618 (04071123) AT ( 532500.00, 4417500.00)  GC
473.     178.41536 (04091324) AT ( 533500.00, 4416000.00)  GC
  434.     181.13017 (04011923) AT ( 534000.00, 4417500.00)  GC
474.     178.41536 (04110124) AT ( 533500.00, 4416000.00)  GC
  435.     180.91797 (04110319) AT ( 534000.00, 4417500.00)  GC
475.     178.37973 (04103120) AT ( 534500.00, 4417000.00)  GC
  436.     180.87998 (04092902) AT ( 534500.00, 4417000.00)  GC
476.     178.33938 (04121702) AT ( 532000.00, 4417500.00)  GC
  437.     180.84588 (04122901) AT ( 533000.00, 4416500.00)  GC
477.     178.32724 (04100202) AT ( 533500.00, 4416000.00)  GC
  438.     180.75764 (04060805) AT ( 533500.00, 4416000.00)  GC
478.     178.28530 (04082101) AT ( 533500.00, 4416500.00)  GC
  439.     180.53610 (04031224) AT ( 533500.00, 4417000.00)  GC
479.     178.11766 (04062704) AT ( 534500.00, 4417000.00)  GC
  440.     180.49648 (04040901) AT ( 532000.00, 4417500.00)  GC
480.     178.02938 (04103107) AT ( 532500.00, 4416500.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/24/11
                                  ***
                                  ***        19:46:59
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**MODELOPTs: RegDFAULT CONC
 ELEV

*** THE MAXIMUM 500   1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: 1ALT   ***
INCLUDING SOURCE(S):   BACA1A ,
BACA1B ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
481.	177.88446	(04111001)	(532500.00, 4416500.00) GC	491.	176.89010	(04082103)	(533000.00, 4417000.00) GC
482.	177.84276	(04102704)	(532500.00, 4416500.00) GC	492.	176.81114	(04111622)	(534000.00, 4417500.00) GC
483.	177.75370	(04123105)	(532500.00, 4416500.00) GC	493.	176.55888	(04092301)	(533500.00, 4417500.00) GC
484.	177.68640	(04091905)	(532500.00, 4416500.00) GC	494.	176.47698	(04102823)	(533500.00, 4416000.00) GC
485.	177.63362	(04102621)	(532500.00, 4416500.00) GC	495.	176.39056	(04032202)	(533000.00, 4418500.00) GC
486.	177.61561	(04071304)	(532500.00, 4416500.00) GC	496.	176.38728	(04090905)	(533500.00, 4416000.00) GC
487.	177.22377	(04051704)	(533500.00, 4417500.00) GC	497.	176.37139	(04030205)	(533000.00, 4417000.00) GC

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  488.     177.21873 (04102923) AT ( 533500.00, 4416000.00)  GC
498.     176.11483 (04090901) AT ( 534500.00, 4417000.00)  GC
  489.     176.93128 (04102617) AT ( 533500.00, 4416000.00)  GC
499.     175.89719 (04030223) AT ( 532000.00, 4417500.00)  GC
  490.     176.89761 (04101704) AT ( 533500.00, 4416000.00)  GC
500.     175.73093 (04030924) AT ( 533000.00, 4416500.00)  GC

  *** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/24/11
                                  ***
                                  ***        19:46:59

                                             PAGE 110
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                  *** THE MAXIMUM  500   1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  2ALT     ***
                                    INCLUDING SOURCE(S):    BACA1A   ,
BACA1B   , ON.ISIT.,

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

 RANK         CONC    (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE    RANK
       CONC    (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
    1.     434.03887 (04092823) AT ( 534000.00, 4417500.00)  GC
41.     377.61868 (04021702) AT ( 534000.00, 4417500.00)  GC
    2.     433.03713 (04092301) AT ( 534000.00, 4417500.00)  GC
42.     369.74153 (04042703) AT ( 534000.00, 4417500.00)  GC
    3.     431.27154 (04072304) AT ( 534000.00, 4417500.00)  GC
43.     363.09020 (04122806) AT ( 534000.00, 4417500.00)  GC
    4.     427.52082 (04091904) AT ( 534000.00, 4417500.00)  GC
44.     359.02057 (04072902) AT ( 534000.00, 4417500.00)  GC
    5.     425.83841 (04060922) AT ( 534000.00, 4417500.00)  GC
45.     355.54933 (04101124) AT ( 534000.00, 4417500.00)  GC
    6.     425.61742 (04032122) AT ( 534000.00, 4417500.00)  GC
46.     354.61312 (04011802) AT ( 534000.00, 4417500.00)  GC
    7.     417.71104 (04040901) AT ( 534000.00, 4417500.00)  GC
47.     353.63212 (04101201) AT ( 534000.00, 4417500.00)  GC
    8.     417.12154 (04030223) AT ( 534000.00, 4417500.00)  GC
48.     353.26011 (04032121) AT ( 534000.00, 4417500.00)  GC
    9.     412.58163 (04110601) AT ( 534000.00, 4417500.00)  GC
49.     345.76962 (04110524) AT ( 534000.00, 4417500.00)  GC
   10.     412.00085 (04110603) AT ( 534000.00, 4417500.00)  GC
50.     344.82733 (04080305) AT ( 534000.00, 4417500.00)  GC
   11.     410.80648 (04110604) AT ( 534000.00, 4417500.00)  GC
51.     342.27338 (04042022) AT ( 534000.00, 4417500.00)  GC
   12.     409.49465 (04110606) AT ( 534000.00, 4417500.00)  GC
52.     327.93840 (04013021) AT ( 534000.00, 4417500.00)  GC
   13.     408.69672 (04061724) AT ( 534000.00, 4417500.00)  GC
53.     326.66459 (04072102) AT ( 534000.00, 4417500.00)  GC
   14.     408.56730 (04041120) AT ( 534000.00, 4417500.00)  GC
54.     324.28289 (04112905) AT ( 534000.00, 4417500.00)  GC
   15.     408.14789 (04072901) AT ( 534000.00, 4417500.00)  GC
55.     322.68205 (04112823) AT ( 534000.00, 4417500.00)  GC
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16. 407.64198 (04041121) AT (534000.00, 4417500.00) GC
56. 318.50538 (04030119) AT (534000.00, 4417500.00) GC
17. 407.24880 (04020123) AT (534000.00, 4417500.00) GC
57. 315.13172 (04012701) AT (534000.00, 4417500.00) GC
18. 407.20358 (04070404) AT (534000.00, 4417500.00) GC
58. 312.81033 (04112822) AT (534000.00, 4417500.00) GC
19. 406.99253 (04032805) AT (534000.00, 4417500.00) GC
59. 304.51134 (04080304) AT (534000.00, 4417500.00) GC
20. 404.96661 (04021623) AT (534000.00, 4417500.00) GC
60. 298.39812 (04102101) AT (534000.00, 4417500.00) GC
21. 403.39125 (04062424) AT (534000.00, 4417500.00) GC
61. 296.91529 (04041923) AT (534000.00, 4417500.00) GC
22. 403.39125 (04062501) AT (534000.00, 4417500.00) GC
62. 295.92875 (04082105) AT (534000.00, 4417500.00) GC
23. 402.08369 (04021705) AT (534000.00, 4417500.00) GC
63. 294.44528 (04052405) AT (534000.00, 4417500.00) GC
24. 399.29448 (04021703) AT (534000.00, 4417500.00) GC
64. 294.11330 (04071123) AT (534000.00, 4417500.00) GC
25. 397.81424 (04121702) AT (534000.00, 4417500.00) GC
65. 293.41221 (04051224) AT (534000.00, 4417500.00) GC
26. 397.01537 (04101202) AT (534000.00, 4417500.00) GC
66. 292.40183 (04030923) AT (534000.00, 4417500.00) GC
27. 395.98875 (04030221) AT (534000.00, 4417500.00) GC
67. 290.48617 (04110520) AT (534000.00, 4417500.00) GC
28. 395.59783 (04120518) AT (534000.00, 4417500.00) GC
68. 290.46410 (04100604) AT (534000.00, 4417500.00) GC
29. 391.41609 (04112904) AT (534000.00, 4417500.00) GC
69. 290.43807 (04032301) AT (534000.00, 4417500.00) GC
30. 388.62118 (04120122) AT (534000.00, 4417500.00) GC
70. 287.34580 (04110602) AT (534000.00, 4417500.00) GC
31. 387.31467 (04050305) AT (534000.00, 4417500.00) GC
71. 285.68390 (04040424) AT (534000.00, 4417500.00) GC

   32.   385.77944 (04110607) AT (534000.00, 4417500.00) GC
72.   285.54039 (04120908) AT (534000.00, 4417500.00) GC
   33.   385.32270 (04110605) AT (534000.00, 4417500.00) GC
73.   281.63152 (04021624) AT (534000.00, 4417500.00) GC
   34.   385.28477 (04020507) AT (534000.00, 4417500.00) GC
74.   280.75633 (04112304) AT (534000.00, 4417500.00) GC
   35.   385.28477 (04121221) AT (534000.00, 4417500.00) GC
75.   279.84287 (04021704) AT (534000.00, 4417500.00) GC
   36.   384.14839 (04020505) AT (534000.00, 4417500.00) GC
76.   278.51467 (04022523) AT (534000.00, 4417500.00) GC
   37.   383.40907 (04121223) AT (534000.00, 4417500.00) GC
77.   277.02232 (04071123) AT (533500.00, 4417500.00) GC
   38.   382.86912 (04021622) AT (534000.00, 4417500.00) GC
78.   275.89874 (04033005) AT (534000.00, 4417500.00) GC
   39.   380.18191 (04121302) AT (534000.00, 4417500.00) GC
79.   275.11210 (04112307) AT (533500.00, 4418000.00) GC
   40.   378.62149 (04020201) AT (534000.00, 4417500.00) GC
80.   273.99022 (04033006) AT (533500.00, 4418000.00) GC
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
                                  ***
                                  ***   19:46:59

                                             PAGE 111

 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE MAXIMUM 500   1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 2ALT   ***
                                    INCLUDING SOURCE(S):   BACA1A   ,

BACA1B , ON.ISIT.,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE		RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
81.	272.36771	(04080505)	AT (533500.00, 4417000.00)	GC	121.	237.47123	(04042024)	AT (534000.00, 4417500.00)	GC
82.	271.91111	(04071303)	AT (533500.00, 4417000.00)	GC	122.	235.97617	(04072824)	AT (534500.00, 4417500.00)	GC
83.	271.05242	(04112906)	AT (534000.00, 4417500.00)	GC	123.	235.75669	(04072724)	AT (533500.00, 4416000.00)	GC
84.	269.38017	(04080303)	AT (534000.00, 4417500.00)	GC	124.	235.01035	(04020221)	AT (534000.00, 4417500.00)	GC
85.	268.99881	(04121305)	AT (534000.00, 4417500.00)	GC	125.	234.88989	(04082204)	AT (533000.00, 4417500.00)	GC
86.	267.55892	(04082103)	AT (533500.00, 4417000.00)	GC	126.	234.88288	(04090801)	AT (533500.00, 4416000.00)	GC
87.	267.18999	(04111620)	AT (534000.00, 4417500.00)	GC	127.	234.57268	(04020223)	AT (533500.00, 4417500.00)	GC
88.	266.60781	(04012707)	AT (533500.00, 4418000.00)	GC	128.	234.32920	(04082202)	AT (533000.00, 4417500.00)	GC
89.	266.47610	(04082102)	AT (533500.00, 4417000.00)	GC	129.	234.14869	(04051722)	AT (533500.00, 4418000.00)	GC
90.	264.51763	(04060423)	AT (533500.00, 4417000.00)	GC	130.	233.96743	(04103106)	AT (533500.00, 4417000.00)	GC
91.	263.41607	(04121508)	AT (534000.00, 4417500.00)	GC	131.	233.45009	(04012507)	AT (533500.00, 4418000.00)	GC
92.	262.91434	(04012522)	AT (534000.00, 4417500.00)	GC					

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132.     232.91228 (04011801) AT ( 534000.00, 4417500.00)  GC
   93.     261.55956 (04101923) AT ( 533500.00, 4417000.00)  GC
133.     232.89416 (04010304) AT ( 533500.00, 4417500.00)  GC
   94.     261.30732 (04101024) AT ( 533500.00, 4418000.00)  GC
134.     232.15847 (04012520) AT ( 534000.00, 4417500.00)  GC
   95.     261.12873 (04012519) AT ( 534000.00, 4417500.00)  GC
135.     231.46527 (04052905) AT ( 533500.00, 4417000.00)  GC
   96.     259.58452 (04102422) AT ( 533500.00, 4417000.00)  GC
136.     230.55315 (04011708) AT ( 534000.00, 4417500.00)  GC
   97.     258.36036 (04020223) AT ( 534000.00, 4417500.00)  GC
137.     230.47309 (04072005) AT ( 534000.00, 4417500.00)  GC
   98.     256.31229 (04090203) AT ( 533500.00, 4416000.00)  GC
138.     230.43634 (04062603) AT ( 534000.00, 4417500.00)  GC
   99.     255.79151 (04110905) AT ( 533500.00, 4417000.00)  GC
139.     230.26107 (04110320) AT ( 534000.00, 4417500.00)  GC
  100.     255.73235 (04071304) AT ( 533500.00, 4417000.00)  GC
140.     230.06737 (04121702) AT ( 533500.00, 4417500.00)  GC
  101.     255.09993 (04052324) AT ( 533500.00, 4418000.00)  GC
141.     229.93237 (04081303) AT ( 534000.00, 4417500.00)  GC
  102.     252.18208 (04042121) AT ( 533500.00, 4418000.00)  GC
142.     229.60343 (04061823) AT ( 533500.00, 4417500.00)  GC
  103.     250.19424 (04040923) AT ( 533500.00, 4417000.00)  GC
143.     228.79584 (04020404) AT ( 533500.00, 4417000.00)  GC
  104.     250.09627 (04012701) AT ( 533500.00, 4417500.00)  GC
144.     228.50557 (04062504) AT ( 534000.00, 4417500.00)  GC
  105.     250.03079 (04110907) AT ( 533500.00, 4417000.00)  GC
145.     228.34817 (04011003) AT ( 534000.00, 4417500.00)  GC
  106.     248.48243 (04041224) AT ( 534000.00, 4417500.00)  GC
146.     227.88502 (04012518) AT ( 534000.00, 4417500.00)  GC
  107.     248.37414 (04042022) AT ( 533500.00, 4417500.00)  GC
147.     227.76641 (04101123) AT ( 533500.00, 4418000.00)  GC
  108.     248.30114 (04012601) AT ( 534000.00, 4417500.00)  GC
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148. 227.42091 (04011922) AT (533500.00, 4417500.00) GC
109. 248.14217 (04041923) AT (533500.00, 4417500.00) GC
149. 226.96116 (04111001) AT (533500.00, 4417000.00) GC
110. 247.93244 (04010518) AT (533500.00, 4418000.00) GC
150. 226.68205 (04051702) AT (533500.00, 4417000.00) GC
111. 247.09735 (04030603) AT (534000.00, 4417500.00) GC
151. 226.45272 (04060921) AT (534000.00, 4417500.00) GC
112. 246.91139 (04012522) AT (533500.00, 4417500.00) GC
152. 226.43755 (04021703) AT (533500.00, 4417500.00) GC
113. 245.92922 (04092718) AT (533500.00, 4416000.00) GC
153. 226.23945 (04071124) AT (534000.00, 4417500.00) GC
114. 245.36040 (04110519) AT (533500.00, 4417000.00) GC
154. 226.14803 (04112907) AT (534000.00, 4417500.00) GC
115. 244.12272 (04012519) AT (533500.00, 4417500.00) GC
155. 226.02281 (04012601) AT (533500.00, 4417500.00) GC
116. 242.94402 (04020322) AT (533500.00, 4418000.00) GC
156. 225.94604 (04011802) AT (533500.00, 4417500.00) GC
117. 242.51812 (04120919) AT (533500.00, 4418000.00) GC
157. 225.30931 (04080305) AT (533500.00, 4417500.00) GC
118. 242.28956 (04122806) AT (533500.00, 4417500.00) GC
158. 225.30094 (04051605) AT (533500.00, 4418000.00) GC
119. 241.84571 (04080424) AT (533500.00, 4416000.00) GC
159. 225.26445 (04051305) AT (533000.00, 4417500.00) GC
120. 240.14955 (04042703) AT (533500.00, 4417500.00) GC
160. 225.13449 (04082202) AT (533500.00, 4417500.00) GC

**MODELOPTs: RegDFAULT CONC

ELEV

*** THE MAXIMUM 500 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
161.	225.04353	(04103105)	AT (533500.00, 4417000.00) GC	201.	213.09609	(04053102)	AT (534000.00, 4417500.00) GC
162.	224.74498	(04020506)	AT (534000.00, 4417500.00) GC	202.	213.00688	(04051704)	AT (533000.00, 4417500.00) GC
163.	224.71969	(04021705)	AT (533500.00, 4417500.00) GC	203.	212.82070	(04121301)	AT (533000.00, 4417500.00) GC
164.	223.79586	(04120821)	AT (533500.00, 4417000.00) GC	204.	212.73664	(04020124)	AT (533000.00, 4417500.00) GC
165.	222.92016	(04082204)	AT (533500.00, 4417500.00) GC	205.	211.43103	(04121302)	AT (533500.00, 4417500.00) GC
166.	222.64288	(04041002)	AT (533500.00, 4417000.00) GC	206.	211.15571	(04101905)	AT (533000.00, 4417500.00) GC
167.	222.00149	(04120121)	AT (533000.00, 4417500.00) GC	207.	210.87504	(04123105)	AT (533500.00, 4417000.00) GC
168.	221.99165	(04102621)	AT (533500.00, 4417000.00) GC	208.	210.45215	(04052404)	AT (533000.00, 4417500.00) GC

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  169.     221.96550 (04010304) AT ( 534000.00, 4417500.00)  GC
209.     210.44752 (04080103) AT ( 533500.00, 4416000.00)  GC
  170.     221.83223 (04021623) AT ( 533500.00, 4417500.00)  GC
210.     210.39713 (04112707) AT ( 534000.00, 4417500.00)  GC
  171.     221.55780 (04121224) AT ( 534000.00, 4417500.00)  GC
211.     210.05608 (04091422) AT ( 533500.00, 4416000.00)  GC
  172.     221.33520 (04020320) AT ( 533500.00, 4417000.00)  GC
212.     210.05608 (04092101) AT ( 533500.00, 4416000.00)  GC
  173.     221.28758 (04012607) AT ( 534000.00, 4417500.00)  GC
213.     209.96768 (04040423) AT ( 534000.00, 4417500.00)  GC
  174.     221.09094 (04102003) AT ( 533500.00, 4417000.00)  GC
214.     209.88541 (04112902) AT ( 534000.00, 4417500.00)  GC
  175.     220.95803 (04012521) AT ( 534000.00, 4417500.00)  GC
215.     209.63266 (04041122) AT ( 533500.00, 4416000.00)  GC
  176.     220.40277 (04091905) AT ( 533500.00, 4417000.00)  GC
216.     209.59344 (04082203) AT ( 533500.00, 4417500.00)  GC
  177.     220.06347 (04020405) AT ( 533500.00, 4417000.00)  GC
217.     209.54062 (04021622) AT ( 533500.00, 4417500.00)  GC
  178.     219.21786 (04080221) AT ( 534000.00, 4417500.00)  GC
218.     209.30745 (04121508) AT ( 533500.00, 4417500.00)  GC
  179.     218.88955 (04112305) AT ( 534000.00, 4417500.00)  GC
219.     209.19871 (04030902) AT ( 533500.00, 4417000.00)  GC
  180.     218.81403 (04020123) AT ( 533500.00, 4417500.00)  GC
220.     208.74803 (04092822) AT ( 534500.00, 4417500.00)  GC
  181.     218.21841 (04121220) AT ( 533000.00, 4417500.00)  GC
221.     208.71936 (04101519) AT ( 533500.00, 4416000.00)  GC
  182.     218.08790 (04123108) AT ( 533500.00, 4417000.00)  GC
222.     208.58453 (04061302) AT ( 533500.00, 4416000.00)  GC
  183.     218.07697 (04071305) AT ( 533500.00, 4417000.00)  GC
223.     208.53758 (04090824) AT ( 533500.00, 4416000.00)  GC
  184.     217.66822 (04110604) AT ( 533500.00, 4417500.00)  GC
224.     208.47784 (04010318) AT ( 534000.00, 4417500.00)  GC
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  185.     217.64180 (04010117) AT ( 534000.00, 4417500.00)  GC
225.     208.42554 (04021702) AT ( 533500.00, 4417500.00)  GC
  186.     217.28283 (04103107) AT ( 533500.00, 4417000.00)  GC
226.     208.03222 (04040901) AT ( 533500.00, 4417500.00)  GC
  187.     217.03446 (04110606) AT ( 533500.00, 4417500.00)  GC
227.     207.73484 (04020505) AT ( 533500.00, 4417500.00)  GC
  188.     216.67291 (04082203) AT ( 533000.00, 4417500.00)  GC
228.     207.48838 (04030223) AT ( 533500.00, 4417500.00)  GC
  189.     216.56239 (04030222) AT ( 533000.00, 4417500.00)  GC
229.     206.95584 (04091322) AT ( 533500.00, 4416000.00)  GC
  190.     216.42101 (04110603) AT ( 533500.00, 4417500.00)  GC
230.     206.83567 (04012405) AT ( 534000.00, 4417500.00)  GC
  191.     216.01179 (04092420) AT ( 533500.00, 4416000.00)  GC
231.     206.66270 (04092720) AT ( 533500.00, 4416000.00)  GC
  192.     215.50536 (04010406) AT ( 533500.00, 4417500.00)  GC
232.     206.60047 (04020507) AT ( 533500.00, 4417500.00)  GC
  193.     215.33789 (04080203) AT ( 533500.00, 4416000.00)  GC
233.     206.60047 (04121221) AT ( 533500.00, 4417500.00)  GC
  194.     215.33072 (04010406) AT ( 534000.00, 4417500.00)  GC
234.     206.38996 (04110605) AT ( 533500.00, 4417500.00)  GC
  195.     215.26403 (04110601) AT ( 533500.00, 4417500.00)  GC
235.     206.13082 (04012117) AT ( 533500.00, 4418000.00)  GC
  196.     214.84764 (04080901) AT ( 533500.00, 4417500.00)  GC
236.     206.08472 (04011924) AT ( 533500.00, 4418000.00)  GC
  197.     214.78357 (04032805) AT ( 533500.00, 4417500.00)  GC
237.     206.05477 (04020201) AT ( 533500.00, 4417500.00)  GC
  198.     214.54531 (04011922) AT ( 534000.00, 4417500.00)  GC
238.     206.02660 (04083121) AT ( 533500.00, 4416000.00)  GC
  199.     214.21517 (04102704) AT ( 533500.00, 4417000.00)  GC
239.     205.93980 (04110122) AT ( 533500.00, 4416000.00)  GC
  200.     213.73728 (04061823) AT ( 534000.00, 4417500.00)  GC
240.     205.54967 (04102901) AT ( 533500.00, 4416000.00)  GC
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 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/24/11
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*** 19:46:59

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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT.,

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

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
241.	205.32938	(04110607)	AT	(533500.00, 4417500.00)	GC	281.	197.64162	(04092124)	AT	(533500.00, 4416000.00)	GC
242.	205.25220	(04031903)	AT	(533000.00, 4417500.00)	GC	282.	197.62560	(04083101)	AT	(533500.00, 4416000.00)	GC
243.	204.49505	(04012521)	AT	(533500.00, 4417500.00)	GC	283.	197.55775	(04051821)	AT	(534000.00, 4417500.00)	GC
244.	204.19274	(04030923)	AT	(533500.00, 4417500.00)	GC	284.	197.09910	(04120122)	AT	(533500.00, 4417500.00)	GC
245.	204.18131	(04090705)	AT	(533500.00, 4416000.00)	GC						

285. 197.09532 (04120908) AT (533500.00, 4417500.00) GC
246. 204.18131 (04091101) AT (533500.00, 4416000.00) GC
286. 197.04817 (04092622) AT (533500.00, 4416000.00) GC
247. 204.18131 (04103103) AT (533500.00, 4416000.00) GC
287. 196.94597 (04080401) AT (533500.00, 4416000.00) GC
248. 203.56543 (04090820) AT (533500.00, 4416000.00) GC
288. 196.90656 (04020221) AT (533500.00, 4417500.00) GC
249. 203.35270 (04031902) AT (533000.00, 4417500.00) GC
289. 196.87005 (04100304) AT (533000.00, 4416500.00) GC
250. 203.29723 (04110504) AT (533000.00, 4417500.00) GC
290. 196.80828 (04080304) AT (533500.00, 4417500.00) GC
251. 203.28215 (04103005) AT (533500.00, 4416000.00) GC
291. 196.78171 (04082920) AT (538500.00, 4417500.00) GC
252. 202.99326 (04043001) AT (533500.00, 4416000.00) GC
292. 196.75507 (04102002) AT (533500.00, 4417000.00) GC
253. 202.99031 (04090904) AT (533500.00, 4416000.00) GC
293. 196.70058 (04072705) AT (533500.00, 4416000.00) GC
254. 202.91771 (04121223) AT (533500.00, 4417500.00) GC
294. 196.48095 (04021620) AT (533500.00, 4417500.00) GC
255. 201.55802 (04071201) AT (533500.00, 4416000.00) GC
295. 196.43411 (04103024) AT (533000.00, 4416500.00) GC
256. 201.45491 (04072303) AT (533500.00, 4416000.00) GC
296. 196.39099 (04050903) AT (533000.00, 4416500.00) GC
257. 201.44900 (04082205) AT (533500.00, 4416000.00) GC
297. 196.01638 (04121306) AT (533000.00, 4417500.00) GC
258. 201.12461 (04081302) AT (533500.00, 4417500.00) GC
298. 196.01070 (04021621) AT (533000.00, 4417500.00) GC
259. 201.09922 (04022921) AT (533500.00, 4417000.00) GC
299. 195.92435 (04032122) AT (533500.00, 4417500.00) GC
260. 201.02512 (04030918) AT (533500.00, 4417000.00) GC
300. 195.82058 (04123106) AT (533000.00, 4416500.00) GC
261. 200.83361 (04112904) AT (533500.00, 4417500.00) GC

301. 195.81934 (04072703) AT (533500.00, 4416000.00) GC
262. 200.48582 (04052222) AT (533500.00, 4416000.00) GC
302. 195.81460 (04092623) AT (533500.00, 4416000.00) GC
263. 200.40291 (04080105) AT (534500.00, 4417000.00) GC
303. 195.68751 (04051305) AT (533500.00, 4417500.00) GC
264. 200.03767 (04083024) AT (533500.00, 4416000.00) GC
304. 195.43216 (04102221) AT (533500.00, 4416000.00) GC
265. 200.02750 (04100603) AT (533500.00, 4417500.00) GC
305. 195.17127 (04010320) AT (533500.00, 4417500.00) GC
266. 199.82941 (04110521) AT (533500.00, 4416000.00) GC
306. 195.08049 (04100703) AT (533500.00, 4416000.00) GC
267. 199.35351 (04051703) AT (533000.00, 4417500.00) GC
307. 195.08023 (04022920) AT (533500.00, 4417000.00) GC
268. 199.19682 (04112822) AT (533500.00, 4417500.00) GC
308. 194.96666 (04080324) AT (533500.00, 4417000.00) GC
269. 199.14078 (04061301) AT (533500.00, 4416000.00) GC
309. 194.95749 (04031601) AT (533000.00, 4416500.00) GC
270. 199.10011 (04091601) AT (533500.00, 4416000.00) GC
310. 194.91418 (04012607) AT (533500.00, 4417500.00) GC
271. 199.10011 (04102921) AT (533500.00, 4416000.00) GC
311. 194.84202 (04100306) AT (533000.00, 4416500.00) GC
272. 198.61301 (04123103) AT (533000.00, 4416500.00) GC
312. 194.78655 (04102002) AT (533000.00, 4416500.00) GC
273. 198.38735 (04082806) AT (533500.00, 4416000.00) GC
313. 194.71416 (04112823) AT (533500.00, 4417500.00) GC
274. 198.33878 (04092721) AT (533500.00, 4416000.00) GC
314. 194.61971 (04112905) AT (533500.00, 4417500.00) GC
275. 198.20741 (04120823) AT (533000.00, 4416500.00) GC
315. 194.56721 (04011707) AT (533500.00, 4416000.00) GC
276. 197.99852 (04110906) AT (533000.00, 4416500.00) GC
316. 194.46500 (04050305) AT (533500.00, 4417500.00) GC
277. 197.98953 (04120124) AT (533000.00, 4416500.00) GC

317. 194.45759 (04060901) AT (533000.00, 4416500.00) GC
278. 197.84924 (04040924) AT (533000.00, 4416500.00) GC
318. 194.43101 (04080603) AT (533500.00, 4416000.00) GC
279. 197.77211 (04091206) AT (533000.00, 4416500.00) GC
319. 194.01292 (04090205) AT (533500.00, 4416000.00) GC
280. 197.64259 (04020401) AT (533000.00, 4416500.00) GC
320. 193.73090 (04020404) AT (533000.00, 4417000.00) GC
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/24/11
*** 19:46:59

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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
321.	193.66111	(04043022) AT	(534000.00, 4417500.00) GC				
361.	189.07367	(04071224) AT	(534500.00, 4417500.00) GC				

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  322.     193.65978 (04082605) AT ( 533500.00, 4416000.00)  GC
362.     188.82779 (04013021) AT ( 533500.00, 4417500.00)  GC
  323.     193.44298 (04112301) AT ( 534000.00, 4417500.00)  GC
363.     188.80366 (04081804) AT ( 533500.00, 4417000.00)  GC
  324.     193.42531 (04030402) AT ( 533500.00, 4416000.00)  GC
364.     188.69889 (04022920) AT ( 533000.00, 4416500.00)  GC
  325.     193.01356 (04031901) AT ( 533000.00, 4417500.00)  GC
365.     188.68268 (04121222) AT ( 533000.00, 4417500.00)  GC
  326.     192.84418 (04123108) AT ( 533000.00, 4417000.00)  GC
366.     188.55203 (04091303) AT ( 533500.00, 4416000.00)  GC
  327.     192.82270 (04082101) AT ( 533000.00, 4416500.00)  GC
367.     188.47754 (04030202) AT ( 533000.00, 4416500.00)  GC
  328.     192.75140 (04080901) AT ( 533000.00, 4417500.00)  GC
368.     188.38892 (04091905) AT ( 533000.00, 4416500.00)  GC
  329.     192.57382 (04081302) AT ( 533000.00, 4417500.00)  GC
369.     188.33853 (04102422) AT ( 533000.00, 4417000.00)  GC
  330.     192.41589 (04021701) AT ( 533000.00, 4417500.00)  GC
370.     188.16934 (04091320) AT ( 534500.00, 4417000.00)  GC
  331.     192.33158 (04091904) AT ( 533500.00, 4417500.00)  GC
371.     188.04174 (04041302) AT ( 533500.00, 4417000.00)  GC
  332.     192.28956 (04070205) AT ( 533500.00, 4416000.00)  GC
372.     187.99330 (04052205) AT ( 533500.00, 4416000.00)  GC
  333.     192.28488 (04010320) AT ( 534000.00, 4417500.00)  GC
373.     187.95950 (04102621) AT ( 533000.00, 4416500.00)  GC
  334.     192.25346 (04110918) AT ( 533500.00, 4416000.00)  GC
374.     187.76985 (04092923) AT ( 533500.00, 4416000.00)  GC
  335.     192.22120 (04071205) AT ( 533500.00, 4416000.00)  GC
375.     187.72395 (04122807) AT ( 533000.00, 4416500.00)  GC
  336.     192.18273 (04100305) AT ( 533000.00, 4416500.00)  GC
376.     187.69730 (04060922) AT ( 533500.00, 4417500.00)  GC
  337.     192.06534 (04062205) AT ( 533500.00, 4416000.00)  GC
377.     187.65514 (04102707) AT ( 533000.00, 4416500.00)  GC
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  338.     191.89351 (04092922) AT ( 533500.00, 4416000.00)  GC
378.     187.51516 (04071305) AT ( 533000.00, 4416500.00)  GC
  339.     191.83135 (04101804) AT ( 533000.00, 4416500.00)  GC
379.     187.47175 (04091306) AT ( 533500.00, 4416000.00)  GC
  340.     191.70694 (04092422) AT ( 533500.00, 4416000.00)  GC
380.     187.47175 (04091406) AT ( 533500.00, 4416000.00)  GC
  341.     191.61588 (04060402) AT ( 533500.00, 4416000.00)  GC
381.     187.42732 (04021805) AT ( 533000.00, 4416500.00)  GC
  342.     191.53090 (04012623) AT ( 534000.00, 4417500.00)  GC
382.     187.31041 (04091924) AT ( 533500.00, 4416000.00)  GC
  343.     191.13876 (04081721) AT ( 533500.00, 4416000.00)  GC
383.     187.17774 (04120121) AT ( 533500.00, 4417500.00)  GC
  344.     191.13149 (04042601) AT ( 533500.00, 4416000.00)  GC
384.     187.05962 (04062802) AT ( 533500.00, 4416000.00)  GC
  345.     190.96368 (04101905) AT ( 533500.00, 4417500.00)  GC
385.     187.01904 (04121805) AT ( 533500.00, 4416000.00)  GC
  346.     190.95612 (04041806) AT ( 533500.00, 4417000.00)  GC
386.     186.99903 (04123106) AT ( 533500.00, 4417000.00)  GC
  347.     190.65805 (04011923) AT ( 533500.00, 4417500.00)  GC
387.     186.95417 (04030221) AT ( 533500.00, 4417500.00)  GC
  348.     190.63561 (04120808) AT ( 533500.00, 4418000.00)  GC
388.     186.77954 (04060524) AT ( 533500.00, 4416000.00)  GC
  349.     190.39182 (04052404) AT ( 533500.00, 4417500.00)  GC
389.     186.66176 (04030805) AT ( 533500.00, 4416000.00)  GC
  350.     190.37637 (04072904) AT ( 533000.00, 4416500.00)  GC
390.     186.59193 (04031224) AT ( 533000.00, 4416500.00)  GC
  351.     190.17280 (04071005) AT ( 533500.00, 4416000.00)  GC
391.     186.56276 (04122621) AT ( 533500.00, 4418000.00)  GC
  352.     190.12081 (04052303) AT ( 533500.00, 4416000.00)  GC
392.     186.38583 (04092024) AT ( 533500.00, 4416000.00)  GC
  353.     190.03429 (04062602) AT ( 534000.00, 4417500.00)  GC
393.     186.26540 (04082606) AT ( 533500.00, 4416000.00)  GC
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  354.   189.80780 (04103024) AT (533500.00, 4417000.00) GC
394.   186.19082 (04072105) AT (534000.00, 4417500.00) GC
  355.   189.74401 (04052202) AT (533500.00, 4416000.00) GC
395.   186.05793 (04020206) AT (533000.00, 4417500.00) GC
  356.   189.71661 (04091706) AT (533500.00, 4416000.00) GC
396.   185.71754 (04060505) AT (533500.00, 4416000.00) GC
  357.   189.50643 (04082504) AT (533500.00, 4416000.00) GC
397.   185.71754 (04061304) AT (533500.00, 4416000.00) GC
  358.   189.42930 (04122823) AT (533000.00, 4416500.00) GC
398.   185.63890 (04122707) AT (534000.00, 4417500.00) GC
  359.   189.34290 (04012424) AT (533500.00, 4418000.00) GC
399.   185.63002 (04102922) AT (533500.00, 4416000.00) GC
  360.   189.30283 (04022921) AT (533000.00, 4416500.00) GC
400.   185.35867 (04030222) AT (533500.00, 4417500.00) GC
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
                                  ***
                                  ***   19:46:59

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 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE MAXIMUM 500   1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 2ALT   ***
                                    INCLUDING SOURCE(S):   BACA1A ,
BACA1B , ON.ISIT.,

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

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 RANK         CONC     (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE     RANK
       CONC     (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
  401.     185.28219 (04121108) AT ( 533500.00, 4417000.00)  GC
441.     180.49415 (04032122) AT ( 532000.00, 4417500.00)  GC
  402.     185.23833 (04110702) AT ( 533500.00, 4416000.00)  GC
442.     180.40738 (04102007) AT ( 533500.00, 4417000.00)  GC
  403.     184.94019 (04030204) AT ( 533500.00, 4417000.00)  GC
443.     180.37800 (04110603) AT ( 532000.00, 4417500.00)  GC
  404.     184.92626 (04091420) AT ( 533500.00, 4416000.00)  GC
444.     180.32398 (04110601) AT ( 532000.00, 4417500.00)  GC
  405.     184.92327 (04041302) AT ( 533000.00, 4417000.00)  GC
445.     180.31717 (04091904) AT ( 532000.00, 4417500.00)  GC
  406.     184.64092 (04072904) AT ( 533500.00, 4416500.00)  GC
446.     180.30205 (04091605) AT ( 533500.00, 4416000.00)  GC
  407.     184.40123 (04110620) AT ( 533500.00, 4416000.00)  GC
447.     180.30205 (04103001) AT ( 533500.00, 4416000.00)  GC
  408.     184.13769 (04031721) AT ( 534000.00, 4417500.00)  GC
448.     180.30205 (04103002) AT ( 533500.00, 4416000.00)  GC
  409.     184.09999 (04050823) AT ( 533500.00, 4416000.00)  GC
449.     180.30205 (04110824) AT ( 533500.00, 4416000.00)  GC
  410.     184.09851 (04101202) AT ( 533500.00, 4417500.00)  GC
450.     180.23648 (04082101) AT ( 533500.00, 4417000.00)  GC
  411.     183.90269 (04083004) AT ( 533500.00, 4416000.00)  GC
451.     180.23377 (04110604) AT ( 532000.00, 4417500.00)  GC
  412.     183.79915 (04072904) AT ( 533500.00, 4417000.00)  GC
452.     180.21313 (04063005) AT ( 533500.00, 4416000.00)  GC
  413.     183.75287 (04102418) AT ( 533500.00, 4416000.00)  GC
453.     180.19919 (04121220) AT ( 533500.00, 4417500.00)  GC
  414.     183.57288 (04122707) AT ( 533500.00, 4417500.00)  GC
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454. 180.00152 (04042723) AT (534500.00, 4417500.00) GC
415. 183.49446 (04123105) AT (533000.00, 4416500.00) GC
455. 179.72840 (04092722) AT (533500.00, 4416000.00) GC
416. 182.95373 (04011019) AT (533500.00, 4417000.00) GC
456. 179.61702 (04090819) AT (538500.00, 4417500.00) GC
417. 182.94149 (04080905) AT (533500.00, 4416000.00) GC
457. 179.56052 (04020204) AT (533000.00, 4417500.00) GC
418. 182.83048 (04100721) AT (533000.00, 4417500.00) GC
458. 179.53010 (04103105) AT (532500.00, 4416500.00) GC
419. 182.75501 (04072403) AT (533500.00, 4416000.00) GC
459. 179.31662 (04041002) AT (532500.00, 4416500.00) GC
420. 182.75501 (04082303) AT (533500.00, 4416000.00) GC
460. 179.18118 (04072304) AT (532000.00, 4417500.00) GC
421. 182.75331 (04041002) AT (533000.00, 4416500.00) GC
461. 178.99642 (04103106) AT (532500.00, 4416500.00) GC
422. 182.74985 (04102704) AT (533000.00, 4416500.00) GC
462. 178.88117 (04091206) AT (533500.00, 4417000.00) GC
423. 182.49724 (04103105) AT (533000.00, 4416500.00) GC
463. 178.82232 (04102003) AT (532500.00, 4416500.00) GC
424. 182.44143 (04102003) AT (533000.00, 4416500.00) GC
464. 178.80804 (04090902) AT (533500.00, 4416000.00) GC
425. 182.33368 (04101902) AT (533500.00, 4416000.00) GC
465. 178.80804 (04090903) AT (533500.00, 4416000.00) GC
426. 182.25654 (04103107) AT (533000.00, 4416500.00) GC
466. 178.80804 (04092002) AT (533500.00, 4416000.00) GC
427. 182.13252 (04061303) AT (533500.00, 4416000.00) GC
467. 178.80804 (04102420) AT (533500.00, 4416000.00) GC
428. 182.04525 (04072202) AT (533500.00, 4416000.00) GC
468. 178.79433 (04103124) AT (533500.00, 4416000.00) GC
429. 182.03462 (04072304) AT (533500.00, 4417500.00) GC
469. 178.73323 (04012402) AT (534000.00, 4417500.00) GC
430. 181.99328 (04060701) AT (533500.00, 4416000.00) GC

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470.     178.67934 (04030203) AT ( 533000.00, 4416500.00)  GC
  431.     181.75895 (04092704) AT ( 533500.00, 4416000.00)  GC
471.     178.64504 (04111420) AT ( 533500.00, 4416000.00)  GC
  432.     181.72964 (04111805) AT ( 534000.00, 4417500.00)  GC
472.     178.45759 (04060922) AT ( 532000.00, 4417500.00)  GC
  433.     181.32618 (04071123) AT ( 532500.00, 4417500.00)  GC
473.     178.41536 (04091324) AT ( 533500.00, 4416000.00)  GC
  434.     181.13017 (04011923) AT ( 534000.00, 4417500.00)  GC
474.     178.41536 (04110124) AT ( 533500.00, 4416000.00)  GC
  435.     180.91797 (04110319) AT ( 534000.00, 4417500.00)  GC
475.     178.37977 (04103120) AT ( 534500.00, 4417000.00)  GC
  436.     180.88004 (04092902) AT ( 534500.00, 4417000.00)  GC
476.     178.33938 (04121702) AT ( 532000.00, 4417500.00)  GC
  437.     180.84588 (04122901) AT ( 533000.00, 4416500.00)  GC
477.     178.32724 (04100202) AT ( 533500.00, 4416000.00)  GC
  438.     180.75764 (04060805) AT ( 533500.00, 4416000.00)  GC
478.     178.28530 (04082101) AT ( 533500.00, 4416500.00)  GC
  439.     180.53610 (04031224) AT ( 533500.00, 4417000.00)  GC
479.     178.11773 (04062704) AT ( 534500.00, 4417000.00)  GC
  440.     180.49648 (04040901) AT ( 532000.00, 4417500.00)  GC
480.     178.02938 (04103107) AT ( 532500.00, 4416500.00)  GC
 *** AERMOD - VERSION 09292 ***     ***  NO TITLE SPECIFIED
                                    ***         10/24/11
                                   ***
                                   ***        19:46:59

                                              PAGE 116

 **MODELOPTs:  RegDFAULT CONC
  ELEV
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*** THE MAXIMUM 500 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***

INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
481.	177.88446	(04111001)	(532500.00, 4416500.00)	GC
491.	176.89010	(04082103)	(533000.00, 4417000.00)	GC
482.	177.84276	(04102704)	(532500.00, 4416500.00)	GC
492.	176.81114	(04111622)	(534000.00, 4417500.00)	GC
483.	177.75370	(04123105)	(532500.00, 4416500.00)	GC
493.	176.55888	(04092301)	(533500.00, 4417500.00)	GC
484.	177.68640	(04091905)	(532500.00, 4416500.00)	GC
494.	176.47698	(04102823)	(533500.00, 4416000.00)	GC
485.	177.63362	(04102621)	(532500.00, 4416500.00)	GC
495.	176.39187	(04032202)	(533000.00, 4418500.00)	GC
486.	177.61561	(04071304)	(532500.00, 4416500.00)	GC
496.	176.38728	(04090905)	(533500.00, 4416000.00)	GC
487.	177.22377	(04051704)	(533500.00, 4417500.00)	GC
497.	176.37139	(04030205)	(533000.00, 4417000.00)	GC
488.	177.21873	(04102923)	(533500.00, 4416000.00)	GC
498.	176.11487	(04090901)	(534500.00, 4417000.00)	GC
489.	176.93239	(04102617)	(533500.00, 4416000.00)	GC
499.	175.89719	(04030223)	(532000.00, 4417500.00)	GC
490.	176.89821	(04101704)	(533500.00, 4416000.00)	GC
500.	175.73093	(04030924)	(533000.00, 4416500.00)	GC

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  *** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/24/11
                                  ***
                                  ***        19:46:59

                                             PAGE 117
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                  *** THE MAXIMUM  500   1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  3ALT-KUM ***
                                    INCLUDING SOURCE(S):    BACA1A   ,
BACA1B   , ON.ISIT., CALIK1   , CALIK2   , CALIK3   ,

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

 RANK        CONC    (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE    RANK
       CONC    (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
    1.     434.03890 (04092823) AT ( 534000.00, 4417500.00)  GC
41.     377.61871 (04021702) AT ( 534000.00, 4417500.00)  GC
    2.     433.03716 (04092301) AT ( 534000.00, 4417500.00)  GC
42.     369.74156 (04042703) AT ( 534000.00, 4417500.00)  GC
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    3.     431.27157 (04072304) AT ( 534000.00, 4417500.00)  GC
43.      363.09023 (04122806) AT ( 534000.00, 4417500.00)  GC
    4.     427.52085 (04091904) AT ( 534000.00, 4417500.00)  GC
44.      359.02059 (04072902) AT ( 534000.00, 4417500.00)  GC
    5.     425.83844 (04060922) AT ( 534000.00, 4417500.00)  GC
45.      355.54935 (04101124) AT ( 534000.00, 4417500.00)  GC
    6.     425.61745 (04032122) AT ( 534000.00, 4417500.00)  GC
46.      354.61315 (04011802) AT ( 534000.00, 4417500.00)  GC
    7.     417.71107 (04040901) AT ( 534000.00, 4417500.00)  GC
47.      353.63215 (04101201) AT ( 534000.00, 4417500.00)  GC
    8.     417.12157 (04030223) AT ( 534000.00, 4417500.00)  GC
48.      353.26014 (04032121) AT ( 534000.00, 4417500.00)  GC
    9.     412.58166 (04110601) AT ( 534000.00, 4417500.00)  GC
49.      345.76965 (04110524) AT ( 534000.00, 4417500.00)  GC
   10.     412.00088 (04110603) AT ( 534000.00, 4417500.00)  GC
50.      344.82736 (04080305) AT ( 534000.00, 4417500.00)  GC
   11.     410.80650 (04110604) AT ( 534000.00, 4417500.00)  GC
51.      342.27342 (04042022) AT ( 534000.00, 4417500.00)  GC
   12.     409.49467 (04110606) AT ( 534000.00, 4417500.00)  GC
52.      327.93843 (04013021) AT ( 534000.00, 4417500.00)  GC
   13.     408.69675 (04061724) AT ( 534000.00, 4417500.00)  GC
53.      326.66462 (04072102) AT ( 534000.00, 4417500.00)  GC
   14.     408.56732 (04041120) AT ( 534000.00, 4417500.00)  GC
54.      324.28292 (04112905) AT ( 534000.00, 4417500.00)  GC
   15.     408.14791 (04072901) AT ( 534000.00, 4417500.00)  GC
55.      322.68208 (04112823) AT ( 534000.00, 4417500.00)  GC
   16.     407.64201 (04041121) AT ( 534000.00, 4417500.00)  GC
56.      318.50541 (04030119) AT ( 534000.00, 4417500.00)  GC
   17.     407.24883 (04020123) AT ( 534000.00, 4417500.00)  GC
57.      315.13175 (04012701) AT ( 534000.00, 4417500.00)  GC
   18.     407.20361 (04070404) AT ( 534000.00, 4417500.00)  GC
58.      312.81036 (04112822) AT ( 534000.00, 4417500.00)  GC
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   19.     406.99256 (04032805) AT ( 534000.00, 4417500.00)  GC
59.      304.51137 (04080304) AT ( 534000.00, 4417500.00)  GC
   20.     404.96664 (04021623) AT ( 534000.00, 4417500.00)  GC
60.      298.39815 (04102101) AT ( 534000.00, 4417500.00)  GC
   21.     403.39128 (04062424) AT ( 534000.00, 4417500.00)  GC
61.      296.91533 (04041923) AT ( 534000.00, 4417500.00)  GC
   22.     403.39128 (04062501) AT ( 534000.00, 4417500.00)  GC
62.      295.92878 (04082105) AT ( 534000.00, 4417500.00)  GC
   23.     402.08372 (04021705) AT ( 534000.00, 4417500.00)  GC
63.      294.44530 (04052405) AT ( 534000.00, 4417500.00)  GC
   24.     399.29450 (04021703) AT ( 534000.00, 4417500.00)  GC
64.      294.11340 (04071123) AT ( 534000.00, 4417500.00)  GC
   25.     397.81427 (04121702) AT ( 534000.00, 4417500.00)  GC
65.      293.41224 (04051224) AT ( 534000.00, 4417500.00)  GC
   26.     397.01539 (04101202) AT ( 534000.00, 4417500.00)  GC
66.      292.40186 (04030923) AT ( 534000.00, 4417500.00)  GC
   27.     395.98878 (04030221) AT ( 534000.00, 4417500.00)  GC
67.      290.48620 (04110520) AT ( 534000.00, 4417500.00)  GC
   28.     395.59785 (04120518) AT ( 534000.00, 4417500.00)  GC
68.      290.46413 (04100604) AT ( 534000.00, 4417500.00)  GC
   29.     391.41611 (04112904) AT ( 534000.00, 4417500.00)  GC
69.      290.43810 (04032301) AT ( 534000.00, 4417500.00)  GC
   30.     388.62120 (04120122) AT ( 534000.00, 4417500.00)  GC
70.      287.34582 (04110602) AT ( 534000.00, 4417500.00)  GC
   31.     387.31470 (04050305) AT ( 534000.00, 4417500.00)  GC
71.      285.68392 (04040424) AT ( 534000.00, 4417500.00)  GC
   32.     385.77947 (04110607) AT ( 534000.00, 4417500.00)  GC
72.      285.54042 (04120908) AT ( 534000.00, 4417500.00)  GC
   33.     385.32273 (04110605) AT ( 534000.00, 4417500.00)  GC
73.      281.63154 (04021624) AT ( 534000.00, 4417500.00)  GC
   34.     385.28480 (04020507) AT ( 534000.00, 4417500.00)  GC
74.      280.75636 (04112304) AT ( 534000.00, 4417500.00)  GC
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   35.   385.28480 (04121221) AT (534000.00, 4417500.00) GC
75.   279.84289 (04021704) AT (534000.00, 4417500.00) GC
   36.   384.14841 (04020505) AT (534000.00, 4417500.00) GC
76.   278.51470 (04022523) AT (534000.00, 4417500.00) GC
   37.   383.40909 (04121223) AT (534000.00, 4417500.00) GC
77.   277.02371 (04071123) AT (533500.00, 4417500.00) GC
   38.   382.86915 (04021622) AT (534000.00, 4417500.00) GC
78.   275.89877 (04033005) AT (534000.00, 4417500.00) GC
   39.   380.18194 (04121302) AT (534000.00, 4417500.00) GC
79.   275.11225 (04112307) AT (533500.00, 4418000.00) GC
   40.   378.62152 (04020201) AT (534000.00, 4417500.00) GC
80.   273.99037 (04033006) AT (533500.00, 4418000.00) GC

 **MODELOPTs: RegDFAULT CONC
  ELEV

                                    *** THE MAXIMUM 500   1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 3ALT-KUM ***
                                      INCLUDING SOURCE(S):   BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK

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      CONC    (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
   81.     272.38016 (04080505) AT ( 533500.00, 4417000.00)  GC
121.     237.47126 (04042024) AT ( 534000.00, 4417500.00)  GC
   82.     271.92351 (04071303) AT ( 533500.00, 4417000.00)  GC
122.     235.97617 (04072824) AT ( 534500.00, 4417500.00)  GC
   83.     271.05245 (04112906) AT ( 534000.00, 4417500.00)  GC
123.     235.75669 (04072724) AT ( 533500.00, 4416000.00)  GC
   84.     269.38020 (04080303) AT ( 534000.00, 4417500.00)  GC
124.     235.01039 (04020221) AT ( 534000.00, 4417500.00)  GC
   85.     268.99884 (04121305) AT ( 534000.00, 4417500.00)  GC
125.     234.91741 (04082204) AT ( 533000.00, 4417500.00)  GC
   86.     267.57105 (04082103) AT ( 533500.00, 4417000.00)  GC
126.     234.88289 (04090801) AT ( 533500.00, 4416000.00)  GC
   87.     267.19002 (04111620) AT ( 534000.00, 4417500.00)  GC
127.     234.57304 (04020223) AT ( 533500.00, 4417500.00)  GC
   88.     266.60795 (04012707) AT ( 533500.00, 4418000.00)  GC
128.     234.35723 (04082202) AT ( 533000.00, 4417500.00)  GC
   89.     266.48837 (04082102) AT ( 533500.00, 4417000.00)  GC
129.     234.14880 (04051722) AT ( 533500.00, 4418000.00)  GC
   90.     264.52977 (04060423) AT ( 533500.00, 4417000.00)  GC
130.     233.97862 (04103106) AT ( 533500.00, 4417000.00)  GC
   91.     263.41610 (04121508) AT ( 534000.00, 4417500.00)  GC
131.     233.45019 (04012507) AT ( 533500.00, 4418000.00)  GC
   92.     262.91438 (04012522) AT ( 534000.00, 4417500.00)  GC
132.     232.91229 (04011801) AT ( 534000.00, 4417500.00)  GC
   93.     261.56960 (04101923) AT ( 533500.00, 4417000.00)  GC
133.     232.89448 (04010304) AT ( 533500.00, 4417500.00)  GC
   94.     261.30748 (04101024) AT ( 533500.00, 4418000.00)  GC
134.     232.15849 (04012520) AT ( 534000.00, 4417500.00)  GC
   95.     261.12877 (04012519) AT ( 534000.00, 4417500.00)  GC
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135. 231.47457 (04052905) AT (533500.00, 4417000.00) GC
96. 259.59618 (04102422) AT (533500.00, 4417000.00) GC
136. 230.55317 (04011708) AT (534000.00, 4417500.00) GC
97. 258.36040 (04020223) AT (534000.00, 4417500.00) GC
137. 230.47312 (04072005) AT (534000.00, 4417500.00) GC
98. 256.31229 (04090203) AT (533500.00, 4416000.00) GC
138. 230.43636 (04062603) AT (534000.00, 4417500.00) GC
99. 255.80126 (04110905) AT (533500.00, 4417000.00) GC
139. 230.26109 (04110320) AT (534000.00, 4417500.00) GC
100. 255.74497 (04071304) AT (533500.00, 4417000.00) GC
140. 230.06785 (04121702) AT (533500.00, 4417500.00) GC
101. 255.10009 (04052324) AT (533500.00, 4418000.00) GC
141. 229.93240 (04081303) AT (534000.00, 4417500.00) GC
102. 252.18222 (04042121) AT (533500.00, 4418000.00) GC
142. 229.60484 (04061823) AT (533500.00, 4417500.00) GC
103. 250.20422 (04040923) AT (533500.00, 4417000.00) GC
143. 228.80590 (04020404) AT (533500.00, 4417000.00) GC
104. 250.09667 (04012701) AT (533500.00, 4417500.00) GC
144. 228.50560 (04062504) AT (534000.00, 4417500.00) GC
105. 250.04209 (04110907) AT (533500.00, 4417000.00) GC
145. 228.34819 (04011003) AT (534000.00, 4417500.00) GC
106. 248.48246 (04041224) AT (534000.00, 4417500.00) GC
146. 227.88504 (04012518) AT (534000.00, 4417500.00) GC
107. 248.37457 (04042022) AT (533500.00, 4417500.00) GC
147. 227.76657 (04101123) AT (533500.00, 4418000.00) GC
108. 248.30117 (04012601) AT (534000.00, 4417500.00) GC
148. 227.42123 (04011922) AT (533500.00, 4417500.00) GC
109. 248.14255 (04041923) AT (533500.00, 4417500.00) GC
149. 226.97193 (04111001) AT (533500.00, 4417000.00) GC
110. 247.93257 (04010518) AT (533500.00, 4418000.00) GC
150. 226.69204 (04051702) AT (533500.00, 4417000.00) GC
111. 247.09736 (04030603) AT (534000.00, 4417500.00) GC

151. 226.45274 (04060921) AT (534000.00, 4417500.00) GC
112. 246.91174 (04012522) AT (533500.00, 4417500.00) GC
152. 226.43804 (04021703) AT (533500.00, 4417500.00) GC
113. 245.92922 (04092718) AT (533500.00, 4416000.00) GC
153. 226.23948 (04071124) AT (534000.00, 4417500.00) GC
114. 245.36773 (04110519) AT (533500.00, 4417000.00) GC
154. 226.14805 (04112907) AT (534000.00, 4417500.00) GC
115. 244.12307 (04012519) AT (533500.00, 4417500.00) GC
155. 226.02316 (04012601) AT (533500.00, 4417500.00) GC
116. 242.94417 (04020322) AT (533500.00, 4418000.00) GC
156. 225.94649 (04011802) AT (533500.00, 4417500.00) GC
117. 242.51827 (04120919) AT (533500.00, 4418000.00) GC
157. 225.30976 (04080305) AT (533500.00, 4417500.00) GC
118. 242.29000 (04122806) AT (533500.00, 4417500.00) GC
158. 225.30104 (04051605) AT (533500.00, 4418000.00) GC
119. 241.84571 (04080424) AT (533500.00, 4416000.00) GC
159. 225.28876 (04051305) AT (533000.00, 4417500.00) GC
120. 240.15000 (04042703) AT (533500.00, 4417500.00) GC
160. 225.13731 (04082202) AT (533500.00, 4417500.00) GC

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/24/11
***
*** 19:46:59

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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***

INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
161.	225.05489	(04103105)	AT (533500.00, 4417000.00) GC				
201.	213.09612	(04053102)	AT (534000.00, 4417500.00) GC				
162.	224.74500	(04020506)	AT (534000.00, 4417500.00) GC				
202.	213.02907	(04051704)	AT (533000.00, 4417500.00) GC				
163.	224.72018	(04021705)	AT (533500.00, 4417500.00) GC				
203.	212.84263	(04121301)	AT (533000.00, 4417500.00) GC				
164.	223.80490	(04120821)	AT (533500.00, 4417000.00) GC				
204.	212.75889	(04020124)	AT (533000.00, 4417500.00) GC				
165.	222.92295	(04082204)	AT (533500.00, 4417500.00) GC				
205.	211.43152	(04121302)	AT (533500.00, 4417500.00) GC				
166.	222.65409	(04041002)	AT (533500.00, 4417000.00) GC				
206.	211.18111	(04101905)	AT (533000.00, 4417500.00) GC				
167.	222.02490	(04120121)	AT (533000.00, 4417500.00) GC				
207.	210.88561	(04123105)	AT (533500.00, 4417000.00) GC				
168.	222.00382	(04102621)	AT (533500.00, 4417000.00) GC				
208.	210.47736	(04052404)	AT (533000.00, 4417500.00) GC				
169.	221.96554	(04010304)	AT (534000.00, 4417500.00) GC				
209.	210.44752	(04080103)	AT (533500.00, 4416000.00) GC				
170.	221.83272	(04021623)	AT (533500.00, 4417500.00) GC				
210.	210.39716	(04112707)	AT (534000.00, 4417500.00) GC				
171.	221.55783	(04121224)	AT (534000.00, 4417500.00) GC				
211.	210.05608	(04091422)	AT (533500.00, 4416000.00) GC				

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  172.     221.34526 (04020320) AT ( 533500.00, 4417000.00)  GC
212.     210.05608 (04092101) AT ( 533500.00, 4416000.00)  GC
  173.     221.28761 (04012607) AT ( 534000.00, 4417500.00)  GC
213.     209.96770 (04040423) AT ( 534000.00, 4417500.00)  GC
  174.     221.10203 (04102003) AT ( 533500.00, 4417000.00)  GC
214.     209.88543 (04112902) AT ( 534000.00, 4417500.00)  GC
  175.     220.95806 (04012521) AT ( 534000.00, 4417500.00)  GC
215.     209.63266 (04041122) AT ( 533500.00, 4416000.00)  GC
  176.     220.41483 (04091905) AT ( 533500.00, 4417000.00)  GC
216.     209.59625 (04082203) AT ( 533500.00, 4417500.00)  GC
  177.     220.07350 (04020405) AT ( 533500.00, 4417000.00)  GC
217.     209.54112 (04021622) AT ( 533500.00, 4417500.00)  GC
  178.     219.21788 (04080221) AT ( 534000.00, 4417500.00)  GC
218.     209.30784 (04121508) AT ( 533500.00, 4417500.00)  GC
  179.     218.88957 (04112305) AT ( 534000.00, 4417500.00)  GC
219.     209.20757 (04030902) AT ( 533500.00, 4417000.00)  GC
  180.     218.81453 (04020123) AT ( 533500.00, 4417500.00)  GC
220.     208.74803 (04092822) AT ( 534500.00, 4417500.00)  GC
  181.     218.24101 (04121220) AT ( 533000.00, 4417500.00)  GC
221.     208.71936 (04101519) AT ( 533500.00, 4416000.00)  GC
  182.     218.09742 (04123108) AT ( 533500.00, 4417000.00)  GC
222.     208.58453 (04061302) AT ( 533500.00, 4416000.00)  GC
  183.     218.09039 (04071305) AT ( 533500.00, 4417000.00)  GC
223.     208.53758 (04090824) AT ( 533500.00, 4416000.00)  GC
  184.     217.66873 (04110604) AT ( 533500.00, 4417500.00)  GC
224.     208.47786 (04010318) AT ( 534000.00, 4417500.00)  GC
  185.     217.64181 (04010117) AT ( 534000.00, 4417500.00)  GC
225.     208.42602 (04021702) AT ( 533500.00, 4417500.00)  GC
  186.     217.29367 (04103107) AT ( 533500.00, 4417000.00)  GC
226.     208.03274 (04040901) AT ( 533500.00, 4417500.00)  GC
  187.     217.03496 (04110606) AT ( 533500.00, 4417500.00)  GC
227.     207.73534 (04020505) AT ( 533500.00, 4417500.00)  GC
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  188.     216.70068 (04082203) AT ( 533000.00, 4417500.00)  GC
228.     207.48890 (04030223) AT ( 533500.00, 4417500.00)  GC
  189.     216.58609 (04030222) AT ( 533000.00, 4417500.00)  GC
229.     206.95584 (04091322) AT ( 533500.00, 4416000.00)  GC
  190.     216.42152 (04110603) AT ( 533500.00, 4417500.00)  GC
230.     206.83568 (04012405) AT ( 534000.00, 4417500.00)  GC
  191.     216.01179 (04092420) AT ( 533500.00, 4416000.00)  GC
231.     206.66270 (04092720) AT ( 533500.00, 4416000.00)  GC
  192.     215.50569 (04010406) AT ( 533500.00, 4417500.00)  GC
232.     206.60097 (04020507) AT ( 533500.00, 4417500.00)  GC
  193.     215.33789 (04080203) AT ( 533500.00, 4416000.00)  GC
233.     206.60097 (04121221) AT ( 533500.00, 4417500.00)  GC
  194.     215.33076 (04010406) AT ( 534000.00, 4417500.00)  GC
234.     206.39046 (04110605) AT ( 533500.00, 4417500.00)  GC
  195.     215.26454 (04110601) AT ( 533500.00, 4417500.00)  GC
235.     206.13092 (04012117) AT ( 533500.00, 4418000.00)  GC
  196.     214.84997 (04080901) AT ( 533500.00, 4417500.00)  GC
236.     206.08484 (04011924) AT ( 533500.00, 4418000.00)  GC
  197.     214.78408 (04032805) AT ( 533500.00, 4417500.00)  GC
237.     206.05526 (04020201) AT ( 533500.00, 4417500.00)  GC
  198.     214.54535 (04011922) AT ( 534000.00, 4417500.00)  GC
238.     206.02660 (04083121) AT ( 533500.00, 4416000.00)  GC
  199.     214.22586 (04102704) AT ( 533500.00, 4417000.00)  GC
239.     205.93980 (04110122) AT ( 533500.00, 4416000.00)  GC
  200.     213.73742 (04061823) AT ( 534000.00, 4417500.00)  GC
240.     205.54967 (04102901) AT ( 533500.00, 4416000.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/24/11
                                  ***
                                  ***        19:46:59

                                             PAGE 120
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**MODELOPTs: RegDFAULT CONC
 ELEV

*** THE MAXIMUM 500   1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S):   BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
241.	205.32988	(04110607)	AT	(533500.00, 4417500.00)	GC	281.	197.64162	(04092124)	AT	(533500.00, 4416000.00)	GC
242.	205.27291	(04031903)	AT	(533000.00, 4417500.00)	GC	282.	197.62560	(04083101)	AT	(533500.00, 4416000.00)	GC
243.	204.49541	(04012521)	AT	(533500.00, 4417500.00)	GC	283.	197.55776	(04051821)	AT	(534000.00, 4417500.00)	GC
244.	204.19317	(04030923)	AT	(533500.00, 4417500.00)	GC	284.	197.09961	(04120122)	AT	(533500.00, 4417500.00)	GC
245.	204.18131	(04090705)	AT	(533500.00, 4416000.00)	GC	285.	197.09574	(04120908)	AT	(533500.00, 4417500.00)	GC
246.	204.18131	(04091101)	AT	(533500.00, 4416000.00)	GC	286.	197.04817	(04092622)	AT	(533500.00, 4416000.00)	GC
247.	204.18131	(04103103)	AT	(533500.00, 4416000.00)	GC	287.	196.94597	(04080401)	AT	(533500.00, 4416000.00)	GC
248.	203.56543	(04090820)	AT	(533500.00, 4416000.00)	GC						

288. 196.93673 (04100304) AT (533000.00, 4416500.00) GC
249. 203.37356 (04031902) AT (533000.00, 4417500.00) GC
289. 196.90693 (04020221) AT (533500.00, 4417500.00) GC
250. 203.32040 (04110504) AT (533000.00, 4417500.00) GC
290. 196.80873 (04080304) AT (533500.00, 4417500.00) GC
251. 203.28215 (04103005) AT (533500.00, 4416000.00) GC
291. 196.78171 (04082920) AT (538500.00, 4417500.00) GC
252. 202.99326 (04043001) AT (533500.00, 4416000.00) GC
292. 196.76673 (04102002) AT (533500.00, 4417000.00) GC
253. 202.99031 (04090904) AT (533500.00, 4416000.00) GC
293. 196.70058 (04072705) AT (533500.00, 4416000.00) GC
254. 202.91821 (04121223) AT (533500.00, 4417500.00) GC
294. 196.50805 (04103024) AT (533000.00, 4416500.00) GC
255. 201.55803 (04071201) AT (533500.00, 4416000.00) GC
295. 196.48236 (04021620) AT (533500.00, 4417500.00) GC
256. 201.45491 (04072303) AT (533500.00, 4416000.00) GC
296. 196.47055 (04050903) AT (533000.00, 4416500.00) GC
257. 201.44900 (04082205) AT (533500.00, 4416000.00) GC
297. 196.03606 (04121306) AT (533000.00, 4417500.00) GC
258. 201.12686 (04081302) AT (533500.00, 4417500.00) GC
298. 196.03226 (04021621) AT (533000.00, 4417500.00) GC
259. 201.10993 (04022921) AT (533500.00, 4417000.00) GC
299. 195.92490 (04032122) AT (533500.00, 4417500.00) GC
260. 201.02913 (04030918) AT (533500.00, 4417000.00) GC
300. 195.88178 (04123106) AT (533000.00, 4416500.00) GC
261. 200.83403 (04112904) AT (533500.00, 4417500.00) GC
301. 195.81934 (04072703) AT (533500.00, 4416000.00) GC
262. 200.48583 (04052222) AT (533500.00, 4416000.00) GC
302. 195.81460 (04092623) AT (533500.00, 4416000.00) GC
263. 200.40291 (04080105) AT (534500.00, 4417000.00) GC
303. 195.69015 (04051305) AT (533500.00, 4417500.00) GC
264. 200.03767 (04083024) AT (533500.00, 4416000.00) GC

304. 195.43217 (04102221) AT (533500.00, 4416000.00) GC
265. 200.02887 (04100603) AT (533500.00, 4417500.00) GC
305. 195.17160 (04010320) AT (533500.00, 4417500.00) GC
266. 199.82941 (04110521) AT (533500.00, 4416000.00) GC
306. 195.09055 (04022920) AT (533500.00, 4417000.00) GC
267. 199.37570 (04051703) AT (533000.00, 4417500.00) GC
307. 195.08049 (04100703) AT (533500.00, 4416000.00) GC
268. 199.19727 (04112822) AT (533500.00, 4417500.00) GC
308. 195.01318 (04031601) AT (533000.00, 4416500.00) GC
269. 199.14078 (04061301) AT (533500.00, 4416000.00) GC
309. 194.97428 (04080324) AT (533500.00, 4417000.00) GC
270. 199.10011 (04091601) AT (533500.00, 4416000.00) GC
310. 194.91454 (04012607) AT (533500.00, 4417500.00) GC
271. 199.10011 (04102921) AT (533500.00, 4416000.00) GC
311. 194.89862 (04100306) AT (533000.00, 4416500.00) GC
272. 198.67798 (04123103) AT (533000.00, 4416500.00) GC
312. 194.85247 (04102002) AT (533000.00, 4416500.00) GC
273. 198.38735 (04082806) AT (533500.00, 4416000.00) GC
313. 194.71462 (04112823) AT (533500.00, 4417500.00) GC
274. 198.33878 (04092721) AT (533500.00, 4416000.00) GC
314. 194.62018 (04112905) AT (533500.00, 4417500.00) GC
275. 198.26968 (04120823) AT (533000.00, 4416500.00) GC
315. 194.56721 (04011707) AT (533500.00, 4416000.00) GC
276. 198.07304 (04110906) AT (533000.00, 4416500.00) GC
316. 194.51733 (04060901) AT (533000.00, 4416500.00) GC
277. 198.05583 (04120124) AT (533000.00, 4416500.00) GC
317. 194.46552 (04050305) AT (533500.00, 4417500.00) GC
278. 197.92437 (04040924) AT (533000.00, 4416500.00) GC
318. 194.43101 (04080603) AT (533500.00, 4416000.00) GC
279. 197.83877 (04091206) AT (533000.00, 4416500.00) GC
319. 194.01293 (04090205) AT (533500.00, 4416000.00) GC
280. 197.70366 (04020401) AT (533000.00, 4416500.00) GC

320.   193.79974 (04020404) AT (533000.00, 4417000.00) GC
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/24/11
                                   ***
                                   ***   19:46:59

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 **MODELOPTs: RegDFAULT CONC
  ELEV

                                  *** THE MAXIMUM 500   1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 3ALT-KUM ***
                                      INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   , ON.ISIT., CALIK1   , CALIK2   , CALIK3   ,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE
 -
- -
  321.   193.66113 (04043022) AT (534000.00, 4417500.00) GC
361.   189.07367 (04071224) AT (534500.00, 4417500.00) GC
  322.   193.65978 (04082605) AT (533500.00, 4416000.00) GC
362.   188.82828 (04013021) AT (533500.00, 4417500.00) GC
  323.   193.44299 (04112301) AT (534000.00, 4417500.00) GC
363.   188.81058 (04081804) AT (533500.00, 4417000.00) GC
  324.   193.42531 (04030402) AT (533500.00, 4416000.00) GC
364.   188.75569 (04022920) AT (533000.00, 4416500.00) GC

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  325.     193.03442 (04031901) AT ( 533000.00, 4417500.00)  GC
365.     188.70477 (04121222) AT ( 533000.00, 4417500.00)  GC
  326.     192.90789 (04123108) AT ( 533000.00, 4417000.00)  GC
366.     188.55203 (04091303) AT ( 533500.00, 4416000.00)  GC
  327.     192.90744 (04082101) AT ( 533000.00, 4416500.00)  GC
367.     188.52634 (04030202) AT ( 533000.00, 4416500.00)  GC
  328.     192.77648 (04080901) AT ( 533000.00, 4417500.00)  GC
368.     188.45918 (04091905) AT ( 533000.00, 4416500.00)  GC
  329.     192.59730 (04081302) AT ( 533000.00, 4417500.00)  GC
369.     188.42302 (04102422) AT ( 533000.00, 4417000.00)  GC
  330.     192.43783 (04021701) AT ( 533000.00, 4417500.00)  GC
370.     188.16934 (04091320) AT ( 534500.00, 4417000.00)  GC
  331.     192.33213 (04091904) AT ( 533500.00, 4417500.00)  GC
371.     188.04979 (04041302) AT ( 533500.00, 4417000.00)  GC
  332.     192.28956 (04070205) AT ( 533500.00, 4416000.00)  GC
372.     188.03071 (04102621) AT ( 533000.00, 4416500.00)  GC
  333.     192.28492 (04010320) AT ( 534000.00, 4417500.00)  GC
373.     187.99330 (04052205) AT ( 533500.00, 4416000.00)  GC
  334.     192.25346 (04110918) AT ( 533500.00, 4416000.00)  GC
374.     187.77220 (04122807) AT ( 533000.00, 4416500.00)  GC
  335.     192.23705 (04100305) AT ( 533000.00, 4416500.00)  GC
375.     187.76986 (04092923) AT ( 533500.00, 4416000.00)  GC
  336.     192.22121 (04071205) AT ( 533500.00, 4416000.00)  GC
376.     187.70672 (04102707) AT ( 533000.00, 4416500.00)  GC
  337.     192.06534 (04062205) AT ( 533500.00, 4416000.00)  GC
377.     187.69785 (04060922) AT ( 533500.00, 4417500.00)  GC
  338.     191.89352 (04092922) AT ( 533500.00, 4416000.00)  GC
378.     187.59534 (04071305) AT ( 533000.00, 4416500.00)  GC
  339.     191.88529 (04101804) AT ( 533000.00, 4416500.00)  GC
379.     187.47545 (04021805) AT ( 533000.00, 4416500.00)  GC
  340.     191.70695 (04092422) AT ( 533500.00, 4416000.00)  GC
380.     187.47175 (04091306) AT ( 533500.00, 4416000.00)  GC
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  341.     191.61589 (04060402) AT ( 533500.00, 4416000.00)  GC
381.     187.47175 (04091406) AT ( 533500.00, 4416000.00)  GC
  342.     191.53093 (04012623) AT ( 534000.00, 4417500.00)  GC
382.     187.31041 (04091924) AT ( 533500.00, 4416000.00)  GC
  343.     191.13876 (04081721) AT ( 533500.00, 4416000.00)  GC
383.     187.18033 (04120121) AT ( 533500.00, 4417500.00)  GC
  344.     191.13149 (04042601) AT ( 533500.00, 4416000.00)  GC
384.     187.05962 (04062802) AT ( 533500.00, 4416000.00)  GC
  345.     190.96637 (04101905) AT ( 533500.00, 4417500.00)  GC
385.     187.01904 (04121805) AT ( 533500.00, 4416000.00)  GC
  346.     190.95781 (04041806) AT ( 533500.00, 4417000.00)  GC
386.     187.01011 (04123106) AT ( 533500.00, 4417000.00)  GC
  347.     190.65837 (04011923) AT ( 533500.00, 4417500.00)  GC
387.     186.95470 (04030221) AT ( 533500.00, 4417500.00)  GC
  348.     190.63575 (04120808) AT ( 533500.00, 4418000.00)  GC
388.     186.77954 (04060524) AT ( 533500.00, 4416000.00)  GC
  349.     190.46469 (04072904) AT ( 533000.00, 4416500.00)  GC
389.     186.66176 (04030805) AT ( 533500.00, 4416000.00)  GC
  350.     190.39450 (04052404) AT ( 533500.00, 4417500.00)  GC
390.     186.64293 (04031224) AT ( 533000.00, 4416500.00)  GC
  351.     190.17280 (04071005) AT ( 533500.00, 4416000.00)  GC
391.     186.56288 (04122621) AT ( 533500.00, 4418000.00)  GC
  352.     190.12081 (04052303) AT ( 533500.00, 4416000.00)  GC
392.     186.38584 (04092024) AT ( 533500.00, 4416000.00)  GC
  353.     190.03431 (04062602) AT ( 534000.00, 4417500.00)  GC
393.     186.26541 (04082606) AT ( 533500.00, 4416000.00)  GC
  354.     189.82075 (04103024) AT ( 533500.00, 4417000.00)  GC
394.     186.19084 (04072105) AT ( 534000.00, 4417500.00)  GC
  355.     189.74402 (04052202) AT ( 533500.00, 4416000.00)  GC
395.     186.07643 (04020206) AT ( 533000.00, 4417500.00)  GC
  356.     189.71661 (04091706) AT ( 533500.00, 4416000.00)  GC
396.     185.71754 (04060505) AT ( 533500.00, 4416000.00)  GC
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  357.   189.50643 (04082504) AT (533500.00, 4416000.00) GC
397.   185.71754 (04061304) AT (533500.00, 4416000.00) GC
  358.   189.48270 (04122823) AT (533000.00, 4416500.00) GC
398.   185.63893 (04122707) AT (534000.00, 4417500.00) GC
  359.   189.36253 (04022921) AT (533000.00, 4416500.00) GC
399.   185.63002 (04102922) AT (533500.00, 4416000.00) GC
  360.   189.34303 (04012424) AT (533500.00, 4418000.00) GC
400.   185.36127 (04030222) AT (533500.00, 4417500.00) GC
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
                                  ***
                                  ***   19:46:59

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 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE MAXIMUM 500   1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 3ALT-KUM ***
                                 INCLUDING SOURCE(S):   BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE
 -
- -
  401.   185.28368 (04121108) AT (533500.00, 4417000.00) GC

441. 180.49422 (04032122) AT (532000.00, 4417500.00) GC
402. 185.23833 (04110702) AT (533500.00, 4416000.00) GC
442. 180.40925 (04102007) AT (533500.00, 4417000.00) GC
403. 184.97382 (04041302) AT (533000.00, 4417000.00) GC
443. 180.37807 (04110603) AT (532000.00, 4417500.00) GC
404. 184.94834 (04030204) AT (533500.00, 4417000.00) GC
444. 180.32404 (04110601) AT (532000.00, 4417500.00) GC
405. 184.92626 (04091420) AT (533500.00, 4416000.00) GC
445. 180.31724 (04091904) AT (532000.00, 4417500.00) GC
406. 184.64447 (04072904) AT (533500.00, 4416500.00) GC
446. 180.30206 (04091605) AT (533500.00, 4416000.00) GC
407. 184.40124 (04110620) AT (533500.00, 4416000.00) GC
447. 180.30206 (04103001) AT (533500.00, 4416000.00) GC
408. 184.13771 (04031721) AT (534000.00, 4417500.00) GC
448. 180.30206 (04103002) AT (533500.00, 4416000.00) GC
409. 184.10000 (04050823) AT (533500.00, 4416000.00) GC
449. 180.30206 (04110824) AT (533500.00, 4416000.00) GC
410. 184.09904 (04101202) AT (533500.00, 4417500.00) GC
450. 180.25122 (04082101) AT (533500.00, 4417000.00) GC
411. 183.90269 (04083004) AT (533500.00, 4416000.00) GC
451. 180.23383 (04110604) AT (532000.00, 4417500.00) GC
412. 183.81432 (04072904) AT (533500.00, 4417000.00) GC
452. 180.21313 (04063005) AT (533500.00, 4416000.00) GC
413. 183.75288 (04102418) AT (533500.00, 4416000.00) GC
453. 180.20174 (04121220) AT (533500.00, 4417500.00) GC
414. 183.57320 (04122707) AT (533500.00, 4417500.00) GC
454. 180.00152 (04042723) AT (534500.00, 4417500.00) GC
415. 183.55354 (04123105) AT (533000.00, 4416500.00) GC
455. 179.72843 (04092722) AT (533500.00, 4416000.00) GC
416. 182.95517 (04011019) AT (533500.00, 4417000.00) GC
456. 179.61702 (04090819) AT (538500.00, 4417500.00) GC
417. 182.94150 (04080905) AT (533500.00, 4416000.00) GC

457. 179.58066 (04020204) AT (533000.00, 4417500.00) GC
418. 182.84967 (04100721) AT (533000.00, 4417500.00) GC
458. 179.58056 (04103105) AT (532500.00, 4416500.00) GC
419. 182.81747 (04041002) AT (533000.00, 4416500.00) GC
459. 179.36621 (04041002) AT (532500.00, 4416500.00) GC
420. 182.80995 (04102704) AT (533000.00, 4416500.00) GC
460. 179.18125 (04072304) AT (532000.00, 4417500.00) GC
421. 182.75502 (04072403) AT (533500.00, 4416000.00) GC
461. 179.04551 (04103106) AT (532500.00, 4416500.00) GC
422. 182.75502 (04082303) AT (533500.00, 4416000.00) GC
462. 178.89320 (04091206) AT (533500.00, 4417000.00) GC
423. 182.56259 (04103105) AT (533000.00, 4416500.00) GC
463. 178.87122 (04102003) AT (532500.00, 4416500.00) GC
424. 182.50468 (04102003) AT (533000.00, 4416500.00) GC
464. 178.80805 (04090902) AT (533500.00, 4416000.00) GC
425. 182.33369 (04101902) AT (533500.00, 4416000.00) GC
465. 178.80805 (04090903) AT (533500.00, 4416000.00) GC
426. 182.31783 (04103107) AT (533000.00, 4416500.00) GC
466. 178.80805 (04092002) AT (533500.00, 4416000.00) GC
427. 182.13253 (04061303) AT (533500.00, 4416000.00) GC
467. 178.80805 (04102420) AT (533500.00, 4416000.00) GC
428. 182.04525 (04072202) AT (533500.00, 4416000.00) GC
468. 178.79433 (04103124) AT (533500.00, 4416000.00) GC
429. 182.03519 (04072304) AT (533500.00, 4417500.00) GC
469. 178.73325 (04012402) AT (534000.00, 4417500.00) GC
430. 181.99328 (04060701) AT (533500.00, 4416000.00) GC
470. 178.72281 (04030203) AT (533000.00, 4416500.00) GC
431. 181.75895 (04092704) AT (533500.00, 4416000.00) GC
471. 178.64504 (04111420) AT (533500.00, 4416000.00) GC
432. 181.72965 (04111805) AT (534000.00, 4417500.00) GC
472. 178.45766 (04060922) AT (532000.00, 4417500.00) GC
433. 181.32746 (04071123) AT (532500.00, 4417500.00) GC

473. 178.41536 (04091324) AT (533500.00, 4416000.00) GC
434. 181.13020 (04011923) AT (534000.00, 4417500.00) GC
474. 178.41536 (04110124) AT (533500.00, 4416000.00) GC
435. 180.91799 (04110319) AT (534000.00, 4417500.00) GC
475. 178.37977 (04103120) AT (534500.00, 4417000.00) GC
436. 180.88951 (04122901) AT (533000.00, 4416500.00) GC
476. 178.33944 (04121702) AT (532000.00, 4417500.00) GC
437. 180.88004 (04092902) AT (534500.00, 4417000.00) GC
477. 178.32725 (04100202) AT (533500.00, 4416000.00) GC
438. 180.75765 (04060805) AT (533500.00, 4416000.00) GC
478. 178.28877 (04082101) AT (533500.00, 4416500.00) GC
439. 180.54566 (04031224) AT (533500.00, 4417000.00) GC
479. 178.11773 (04062704) AT (534500.00, 4417000.00) GC
440. 180.49655 (04040901) AT (532000.00, 4417500.00) GC
480. 178.07684 (04103107) AT (532500.00, 4416500.00) GC

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

** CONC OF NOX IN

MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
481.	177.93112	(04111001)	AT	(532500.00, 4416500.00)	GC	491.	176.89821	(04101704)	AT	(533500.00, 4416000.00)	GC
482.	177.88937	(04102704)	AT	(532500.00, 4416500.00)	GC	492.	176.81116	(04111622)	AT	(534000.00, 4417500.00)	GC
483.	177.79962	(04123105)	AT	(532500.00, 4416500.00)	GC	493.	176.55947	(04092301)	AT	(533500.00, 4417500.00)	GC
484.	177.74174	(04091905)	AT	(532500.00, 4416500.00)	GC	494.	176.47698	(04102823)	AT	(533500.00, 4416000.00)	GC
485.	177.68966	(04102621)	AT	(532500.00, 4416500.00)	GC	495.	176.41484	(04030205)	AT	(533000.00, 4417000.00)	GC
486.	177.67295	(04071304)	AT	(532500.00, 4416500.00)	GC	496.	176.39187	(04032202)	AT	(533000.00, 4418500.00)	GC
487.	177.22629	(04051704)	AT	(533500.00, 4417500.00)	GC	497.	176.38729	(04090905)	AT	(533500.00, 4416000.00)	GC
488.	177.21874	(04102923)	AT	(533500.00, 4416000.00)	GC	498.	176.11487	(04090901)	AT	(534500.00, 4417000.00)	GC
489.	176.97940	(04082103)	AT	(533000.00, 4417000.00)	GC	499.	175.89726	(04030223)	AT	(532000.00, 4417500.00)	GC
490.	176.93239	(04102617)	AT	(533500.00, 4416000.00)	GC	500.	175.77248	(04030924)	AT	(533000.00, 4416500.00)	GC

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

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE		RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
1.	338.49582	(04110608) AT	(534000.00, 4417500.00)	GC	41.	102.21981	(04100208) AT	(533500.00, 4416000.00)	GC
2.	227.87764	(04112908) AT	(534000.00, 4417500.00)	GC	42.	102.05869	(04012408) AT	(534000.00, 4417500.00)	GC
3.	211.10434	(04021708) AT	(534000.00, 4417500.00)	GC	43.	102.04730	(04031208) AT	(533000.00, 4415500.00)	GC
4.	178.68018	(04110608) AT	(533500.00, 4417500.00)	GC	44.	99.00772	(04030208) AT	(532500.00, 4416500.00)	GC
5.	167.39755	(04021624) AT	(534000.00, 4417500.00)	GC	45.	98.25352	(04082108) AT	(533500.00, 4417000.00)	GC

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    6.     164.49125 (04012524) AT ( 534000.00, 4417500.00)  GC
46.       98.09383 (04030208) AT ( 533000.00, 4416500.00)  GC
    7.     153.34456 (04121224) AT ( 534000.00, 4417500.00)  GC
47.       97.77632 (04041308) AT ( 533500.00, 4417000.00)  GC
    8.     147.43391 (04110608) AT ( 532000.00, 4417500.00)  GC
48.       97.52916 (04032124) AT ( 534000.00, 4417500.00)  GC
    9.     138.66094 (04123108) AT ( 533500.00, 4417000.00)  GC
49.       97.43651 (04072908) AT ( 534000.00, 4417500.00)  GC
   10.     135.92276 (04012524) AT ( 533500.00, 4417500.00)  GC
50.       97.15138 (04102008) AT ( 533500.00, 4417000.00)  GC
   11.     131.32328 (04092624) AT ( 533500.00, 4416000.00)  GC
51.       96.43236 (04110624) AT ( 533500.00, 4416000.00)  GC
   12.     130.25927 (04020508) AT ( 534000.00, 4417500.00)  GC
52.       95.43024 (04071308) AT ( 533500.00, 4417000.00)  GC
   13.     125.34508 (04012608) AT ( 533500.00, 4417500.00)  GC
53.       94.78233 (04101708) AT ( 533500.00, 4416000.00)  GC
   14.     125.07249 (04092724) AT ( 533500.00, 4416000.00)  GC
54.       94.51673 (04020408) AT ( 533500.00, 4417000.00)  GC
   15.     124.59824 (04110608) AT ( 532500.00, 4417500.00)  GC
55.       94.51523 (04090208) AT ( 533500.00, 4416000.00)  GC
   16.     124.14816 (04121308) AT ( 534000.00, 4417500.00)  GC
56.       94.22074 (04092708) AT ( 533500.00, 4416000.00)  GC
   17.     123.86180 (04021708) AT ( 533500.00, 4417500.00)  GC
57.       93.92036 (04030208) AT ( 533000.00, 4417000.00)  GC
   18.     122.05100 (04091608) AT ( 533500.00, 4416000.00)  GC
58.       93.90928 (04101208) AT ( 534000.00, 4417500.00)  GC
   19.     120.76370 (04102508) AT ( 533500.00, 4416000.00)  GC
59.       93.17078 (04012524) AT ( 532500.00, 4417500.00)  GC
   20.     118.67067 (04092924) AT ( 533500.00, 4416000.00)  GC
60.       92.72183 (04011924) AT ( 533500.00, 4417500.00)  GC
   21.     118.47387 (04110208) AT ( 533500.00, 4416000.00)  GC
61.       92.08665 (04123108) AT ( 532000.00, 4416500.00)  GC
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   22.     118.22727 (04012608) AT ( 534000.00, 4417500.00)  GC
62.      91.82230 (04091324) AT ( 533500.00, 4416000.00)  GC
   23.     118.00597 (04030224) AT ( 534000.00, 4417500.00)  GC
63.      91.44878 (04103108) AT ( 533500.00, 4417000.00)  GC
   24.     117.87805 (04103008) AT ( 533500.00, 4416000.00)  GC
64.      91.42103 (04112308) AT ( 534000.00, 4417500.00)  GC
   25.     116.44653 (04021624) AT ( 533500.00, 4417500.00)  GC
65.      91.32679 (04102924) AT ( 533500.00, 4416000.00)  GC
   26.     116.16414 (04080308) AT ( 534000.00, 4417500.00)  GC
66.      90.22838 (04011924) AT ( 534000.00, 4417500.00)  GC
   27.     115.79961 (04030208) AT ( 533500.00, 4417000.00)  GC
67.      89.81501 (04092808) AT ( 531500.00, 4416000.00)  GC
   28.     114.42138 (04061308) AT ( 533500.00, 4416000.00)  GC
68.      89.59773 (04092108) AT ( 533500.00, 4416000.00)  GC
   29.     111.60103 (04092008) AT ( 533500.00, 4416000.00)  GC
69.      89.57281 (04121308) AT ( 533500.00, 4417500.00)  GC
   30.     110.66067 (04083108) AT ( 533500.00, 4416000.00)  GC
70.      88.84131 (04123024) AT ( 533500.00, 4416000.00)  GC
   31.     110.57453 (04111224) AT ( 533500.00, 4416000.00)  GC
71.      88.59258c(04121908) AT ( 532500.00, 4416500.00)  GC
   32.     110.37592 (04042008) AT ( 533000.00, 4417500.00)  GC
72.      88.18138 (04123108) AT ( 533000.00, 4416500.00)  GC
   33.     109.79496c(04121908) AT ( 533000.00, 4416500.00)  GC
73.      88.14635 (04112908) AT ( 532000.00, 4417500.00)  GC
   34.     108.25003 (04112908) AT ( 533500.00, 4417500.00)  GC
74.      87.65475 (04021708) AT ( 532000.00, 4417500.00)  GC
   35.     106.86664 (04121224) AT ( 533500.00, 4417500.00)  GC
75.      87.42301 (04102624) AT ( 531500.00, 4416000.00)  GC
   36.     106.13486 (04111324) AT ( 533500.00, 4416000.00)  GC
76.      86.43824c(04031908) AT ( 533000.00, 4417500.00)  GC
   37.     105.26477 (04090908) AT ( 533500.00, 4416000.00)  GC
77.      86.00222 (04082208) AT ( 533000.00, 4417500.00)  GC
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   38.   103.72625c(04110108) AT (533500.00, 4416000.00) GC
78.   85.93318 (04123108) AT (532500.00, 4416500.00) GC
   39.   102.53540 (04012608) AT (533000.00, 4417500.00) GC
79.   85.77311 (04092208) AT (533000.00, 4415500.00) GC
   40.   102.37307 (04041124) AT (534000.00, 4417500.00) GC
80.   85.37686 (04123124) AT (533500.00, 4413500.00) GC
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
                                  ***
                                  ***   19:46:59

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 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE MAXIMUM 500   8-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 1ALT   ***
                                    INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   ,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE
 -
- -
   81.   85.28808 (04091308) AT (533500.00, 4416000.00) GC
121.   76.51432 (04092824) AT (534000.00, 4417500.00) GC
   82.   84.92682 (04011024) AT (533500.00, 4417000.00) GC

122. 76.48342 (04011108) AT (533500.00, 4417000.00) GC
83. 84.81877 (04110908) AT (533500.00, 4417000.00) GC
123. 76.33715 (04072108) AT (534000.00, 4417500.00) GC
84. 84.81294 (04110524) AT (534000.00, 4417500.00) GC
124. 76.28476 (04121008) AT (533000.00, 4415500.00) GC
85. 84.41898 (04030308) AT (531500.00, 4416000.00) GC
125. 76.09817 (04010324) AT (534000.00, 4417500.00) GC
86. 84.19361 (04091924) AT (533500.00, 4416000.00) GC
126. 76.07468 (04122908) AT (533500.00, 4417000.00) GC
87. 83.94740 (04102508) AT (531500.00, 4414000.00) GC
127. 75.98527 (04012424) AT (533000.00, 4418500.00) GC
88. 83.59331 (04111308) AT (533000.00, 4415500.00) GC
128. 75.89268 (04031208) AT (532500.00, 4415000.00) GC
89. 83.45681 (04021708) AT (532500.00, 4417500.00) GC
129. 75.35919 (04020508) AT (533500.00, 4417500.00) GC
90. 83.28004 (04082808) AT (533500.00, 4416000.00) GC
130. 75.31576 (04021808) AT (533500.00, 4417000.00) GC
91. 83.09872 (04041208) AT (533500.00, 4416000.00) GC
131. 75.08368 (04112908) AT (534500.00, 4417500.00) GC
92. 83.08971 (04111308) AT (533500.00, 4416000.00) GC
132. 75.07925 (04012524) AT (533000.00, 4417500.00) GC
93. 82.58687 (04091408) AT (533500.00, 4416000.00) GC
133. 74.26556 (04020408) AT (531500.00, 4416000.00) GC
94. 82.54097 (04082208) AT (533500.00, 4417500.00) GC
134. 74.16837 (04031208) AT (532000.00, 4414500.00) GC
95. 82.30620 (04012608) AT (532500.00, 4417500.00) GC
135. 74.14187 (04103124) AT (533500.00, 4416000.00) GC
96. 82.11289c(04020208) AT (534000.00, 4417500.00) GC
136. 73.95220 (04090108) AT (531500.00, 4416000.00) GC
97. 82.01641 (04102424) AT (533500.00, 4416000.00) GC
137. 73.86196 (04042524) AT (533500.00, 4416000.00) GC
98. 81.96996 (04071208) AT (533500.00, 4416000.00) GC

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138.      73.67219 (04101508) AT ( 533500.00, 4416000.00)  GC
   99.      81.61976 (04060924) AT ( 534000.00, 4417500.00)  GC
139.      73.65341 (04011824) AT ( 533000.00, 4423500.00)  GC
  100.      81.38082 (04092924) AT ( 531500.00, 4414500.00)  GC
140.      73.62859 (04100308) AT ( 533000.00, 4416500.00)  GC
  101.      81.01666 (04083008) AT ( 533500.00, 4416000.00)  GC
141.      73.24327 (04090808) AT ( 533500.00, 4416000.00)  GC
  102.      81.01171c(04121908) AT ( 533500.00, 4417000.00)  GC
142.      73.01699 (04112908) AT ( 532500.00, 4417500.00)  GC
  103.      80.69844 (04030824) AT ( 531500.00, 4416000.00)  GC
143.      72.87510 (04102208) AT ( 533000.00, 4416000.00)  GC
  104.      79.97595 (04062508) AT ( 534000.00, 4417500.00)  GC
144.      72.80302 (04021624) AT ( 532000.00, 4417500.00)  GC
  105.      79.56725c(04110108) AT ( 533000.00, 4415500.00)  GC
145.      72.75179 (04021808) AT ( 533000.00, 4416500.00)  GC
  106.      79.49262 (04112824) AT ( 534000.00, 4417500.00)  GC
146.      72.71758 (04042024) AT ( 534000.00, 4417500.00)  GC
  107.      79.10930 (04102908) AT ( 533500.00, 4416000.00)  GC
147.      72.52228 (04030224) AT ( 533500.00, 4417500.00)  GC
  108.      79.04837c(04110108) AT ( 531500.00, 4414500.00)  GC
148.      72.43302 (04080308) AT ( 533500.00, 4417500.00)  GC
  109.      78.98498 (04020408) AT ( 533000.00, 4416500.00)  GC
149.      72.27644 (04092108) AT ( 534500.00, 4417000.00)  GC
  110.      78.36229 (04012524) AT ( 532000.00, 4417500.00)  GC
150.      72.08079 (04011524) AT ( 533000.00, 4418500.00)  GC
  111.      78.27491 (04021624) AT ( 532500.00, 4417500.00)  GC
151.      71.84914 (04121224) AT ( 532500.00, 4417500.00)  GC
  112.      78.20780 (04011808) AT ( 534000.00, 4417500.00)  GC
152.      71.84803 (04102508) AT ( 533000.00, 4415500.00)  GC
  113.      78.09781c(04121908) AT ( 532500.00, 4416000.00)  GC
153.      71.65571 (04082308) AT ( 533500.00, 4416000.00)  GC
  114.      77.95315 (04102708) AT ( 533500.00, 4417000.00)  GC
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154. 70.85411 (04081408) AT (533500.00, 4416000.00) GC
115. 77.69217 (04091608) AT (531500.00, 4414500.00) GC
155. 70.80845 (04093008) AT (533500.00, 4416000.00) GC
116. 77.60963 (04122424) AT (531500.00, 4416000.00) GC
156. 70.77811 (04020408) AT (532000.00, 4416000.00) GC
117. 77.34023 (04071124) AT (534000.00, 4417500.00) GC
157. 70.73066 (04040908) AT (533500.00, 4416000.00) GC
118. 76.86530 (04020408) AT (532500.00, 4416500.00) GC
158. 70.39608 (04111308) AT (531500.00, 4414500.00) GC
119. 76.83301 (04042008) AT (533500.00, 4417500.00) GC
159. 70.29444c(04020208) AT (533500.00, 4417500.00) GC
120. 76.58528 (04121608) AT (533500.00, 4416000.00) GC
160. 70.17261 (04061508) AT (531500.00, 4416000.00) GC

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
161.	70.09142	(04030208)	AT (532000.00, 4416500.00) GC				
201.	65.15963	(04110708)	AT (533500.00, 4416000.00) GC				
162.	69.91570c	(04121908)	AT (533000.00, 4417000.00) GC				
202.	64.84681	(04052308)	AT (533500.00, 4416000.00) GC				
163.	69.75089	(04122208)	AT (533500.00, 4417000.00) GC				
203.	64.78489	(04092208)	AT (532000.00, 4415000.00) GC				
164.	69.53123c	(04031908)	AT (533500.00, 4417500.00) GC				
204.	64.53278	(04102708)	AT (531500.00, 4416000.00) GC				
165.	69.45304	(04092424)	AT (533500.00, 4416000.00) GC				
205.	64.35327	(04041308)	AT (532000.00, 4416500.00) GC				
166.	69.35796	(04091108)	AT (533500.00, 4416000.00) GC				
206.	64.34174	(04102508)	AT (531500.00, 4414500.00) GC				
167.	69.23152	(04052208)	AT (533500.00, 4416000.00) GC				
207.	64.33868	(04110208)	AT (531500.00, 4414500.00) GC				
168.	69.17370	(04121008)	AT (532500.00, 4415500.00) GC				
208.	64.29635	(04111308)	AT (532000.00, 4415000.00) GC				
169.	69.04179	(04111424)	AT (533500.00, 4416000.00) GC				
209.	64.25155	(04102824)	AT (533500.00, 4416000.00) GC				
170.	68.74673	(04123108)	AT (533000.00, 4417000.00) GC				
210.	64.23317	(04102008)	AT (531500.00, 4416000.00) GC				
171.	68.66497	(04040708)	AT (531500.00, 4416000.00) GC				
211.	64.13228c	(04110124)	AT (533500.00, 4416000.00) GC				
172.	68.57720	(04103108)	AT (532500.00, 4416500.00) GC				
212.	63.95334	(04122208)	AT (532500.00, 4416500.00) GC				
173.	68.53818	(04042908)	AT (533500.00, 4416000.00) GC				
213.	63.88337	(04103108)	AT (531500.00, 4416000.00) GC				
174.	68.52340	(04042608)	AT (533500.00, 4416000.00) GC				
214.	63.87226	(04101508)	AT (531500.00, 4414500.00) GC				

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  175.      68.48948 (04103108) AT ( 533000.00, 4416500.00)  GC
215.      63.74958 (04121608) AT ( 533000.00, 4415500.00)  GC
  176.      68.10894 (04020408) AT ( 533000.00, 4417000.00)  GC
216.      63.66606 (04111324) AT ( 531500.00, 4414500.00)  GC
  177.      67.82958 (04110608) AT ( 534500.00, 4417500.00)  GC
217.      63.60218c(04121908) AT ( 533500.00, 4416500.00)  GC
  178.      67.67866 (04122208) AT ( 533000.00, 4416500.00)  GC
218.      63.59369 (04032308) AT ( 534000.00, 4417500.00)  GC
  179.      67.67696 (04041008) AT ( 531500.00, 4416000.00)  GC
219.      63.32715 (04120824) AT ( 533500.00, 4417000.00)  GC
  180.      67.38542 (04071308) AT ( 533000.00, 4416500.00)  GC
220.      63.21182 (04121008) AT ( 533500.00, 4416000.00)  GC
  181.      67.28307 (04092208) AT ( 532500.00, 4415000.00)  GC
221.      62.93993 (04092624) AT ( 531500.00, 4414500.00)  GC
  182.      67.26723 (04010324) AT ( 533500.00, 4417500.00)  GC
222.      62.92788 (04041708) AT ( 533500.00, 4416000.00)  GC
  183.      67.20898 (04083108) AT ( 531500.00, 4414500.00)  GC
223.      62.88152 (04021624) AT ( 533000.00, 4417500.00)  GC
  184.      66.85872 (04072708) AT ( 533500.00, 4416000.00)  GC
224.      62.75501 (04092908) AT ( 534500.00, 4417000.00)  GC
  185.      66.75532 (04102008) AT ( 532000.00, 4416500.00)  GC
225.      62.63941 (04060708) AT ( 533500.00, 4416000.00)  GC
  186.      66.62590 (04092708) AT ( 531500.00, 4414500.00)  GC
226.      62.59182 (04072408) AT ( 533500.00, 4416000.00)  GC
  187.      66.34322 (04121224) AT ( 533000.00, 4417500.00)  GC
227.      62.57541 (04021808) AT ( 532500.00, 4416500.00)  GC
  188.      66.30011 (04092208) AT ( 533000.00, 4416000.00)  GC
228.      62.53594 (04100308) AT ( 533500.00, 4417000.00)  GC
  189.      66.19462 (04120124) AT ( 534000.00, 4417500.00)  GC
229.      62.50942 (04071308) AT ( 533500.00, 4416500.00)  GC
  190.      66.17454 (04103008) AT ( 531500.00, 4414000.00)  GC
230.      62.49390 (04082108) AT ( 532500.00, 4416500.00)  GC
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  191.      66.13770 (04020124) AT ( 534000.00, 4417500.00)  GC
231.      62.38883 (04092208) AT ( 532000.00, 4414500.00)  GC
  192.      66.01063 (04071308) AT ( 532500.00, 4416500.00)  GC
232.      62.22276 (04102408) AT ( 533500.00, 4416000.00)  GC
  193.      65.75570 (04121008) AT ( 532000.00, 4415000.00)  GC
233.      62.21227 (04111224) AT ( 531500.00, 4414500.00)  GC
  194.      65.68040 (04121224) AT ( 532000.00, 4417500.00)  GC
234.      62.07468 (04040424) AT ( 534000.00, 4417500.00)  GC
  195.      65.67611 (04020224) AT ( 534000.00, 4417500.00)  GC
235.      62.06660 (04121308) AT ( 533000.00, 4417500.00)  GC
  196.      65.54949 (04042524) AT ( 531500.00, 4414000.00)  GC
236.      61.78485c(04052108) AT ( 533000.00, 4415500.00)  GC
  197.      65.51218 (04092008) AT ( 531500.00, 4414000.00)  GC
237.      61.67319 (04011924) AT ( 532500.00, 4417500.00)  GC
  198.      65.51179 (04090824) AT ( 533500.00, 4416000.00)  GC
238.      61.17732 (04102408) AT ( 533000.00, 4416000.00)  GC
  199.      65.41017 (04042708) AT ( 534000.00, 4417500.00)  GC
239.      60.99537 (04123108) AT ( 531500.00, 4416500.00)  GC
  200.      65.36494 (04041208) AT ( 531500.00, 4414500.00)  GC
240.      60.94232 (04082208) AT ( 534000.00, 4417500.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/24/11
                                  ***
                                  ***        19:46:59

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 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                   *** THE MAXIMUM  500   8-HR AVERAGE
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CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE		RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
241.	60.90203	(04082608)	AT (533500.00, 4416000.00)	GC					
281.	57.94692	(04120324)	AT (533000.00, 4417500.00)	GC					
242.	60.86797	(04100308)	AT (532500.00, 4416500.00)	GC					
282.	57.82641	(04110208)	AT (531500.00, 4414000.00)	GC					
243.	60.79840	(04121308)	AT (532500.00, 4417500.00)	GC					
283.	57.70852	(04103108)	AT (532000.00, 4416500.00)	GC					
244.	60.77831	(04103024)	AT (531500.00, 4416000.00)	GC					
284.	57.59631	(04020408)	AT (532000.00, 4416500.00)	GC					
245.	60.71384	(04123024)	AT (533000.00, 4415500.00)	GC					
285.	57.57923	(04030608)	AT (534000.00, 4417500.00)	GC					
246.	60.66442	(04110908)	AT (532500.00, 4416500.00)	GC					
286.	57.30915	(04100608)	AT (534000.00, 4417500.00)	GC					
247.	60.62752	(04092208)	AT (532500.00, 4415500.00)	GC					
287.	57.03484	(04092308)	AT (534000.00, 4417500.00)	GC					
248.	60.61352	(04080408)	AT (533500.00, 4416000.00)	GC					
288.	56.99367	(04092208)	AT (533500.00, 4416500.00)	GC					
249.	60.58107	(04031124)	AT (533000.00, 4415500.00)	GC					
289.	56.93398	(04082208)	AT (532500.00, 4417500.00)	GC					
250.	60.50758	(04082108)	AT (532000.00, 4416500.00)	GC					
290.	56.92702	(04020224)	AT (533500.00, 4417500.00)	GC					
251.	60.47226	(04020408)	AT (533500.00, 4416500.00)	GC					

291. 56.92200 (04090708) AT (533500.00, 4416000.00) GC
252. 60.42599 (04082108) AT (533000.00, 4416500.00) GC
292. 56.68005 (04080508) AT (533500.00, 4417000.00) GC
253. 60.33426 (04121008) AT (532500.00, 4415000.00) GC
293. 56.61811 (04102124) AT (533500.00, 4416000.00) GC
254. 60.31161 (04102408) AT (533000.00, 4415500.00) GC
294. 56.60991 (04060408) AT (533500.00, 4416000.00) GC
255. 60.22732 (04112708) AT (534000.00, 4417500.00) GC
295. 56.60392 (04020508) AT (532000.00, 4417500.00) GC
256. 60.16569 (04082508) AT (533500.00, 4416000.00) GC
296. 56.60214 (04102908) AT (531500.00, 4414000.00) GC
257. 60.06162 (04031208) AT (532500.00, 4415500.00) GC
297. 56.59113 (04032324) AT (533500.00, 4416000.00) GC
258. 59.96184 (04030208) AT (532000.00, 4416000.00) GC
298. 56.51468 (04083108) AT (531500.00, 4414000.00) GC
259. 59.94331c(04100108) AT (541500.00, 4419500.00) GC
299. 56.37156 (04071308) AT (532000.00, 4416500.00) GC
260. 59.50641 (04013108) AT (532500.00, 4415500.00) GC
300. 56.36110 (04121624) AT (534000.00, 4417000.00) GC
261. 59.46257 (04121624) AT (531500.00, 4416000.00) GC
301. 56.31149 (04092108) AT (534000.00, 4416500.00) GC
262. 59.44257c(04020208) AT (533000.00, 4417500.00) GC
302. 56.26400 (04091424) AT (533500.00, 4416000.00) GC
263. 59.44084 (04093008) AT (531500.00, 4414000.00) GC
303. 56.09482 (04012608) AT (532000.00, 4417500.00) GC
264. 59.41245 (04110908) AT (533000.00, 4416500.00) GC
304. 55.92866 (04051708) AT (533000.00, 4417500.00) GC
265. 59.28294 (04100208) AT (531500.00, 4414500.00) GC
305. 55.92758c(04052108) AT (532500.00, 4415000.00) GC
266. 59.26540 (04103108) AT (532000.00, 4416000.00) GC
306. 55.85896 (04012624) AT (533000.00, 4417500.00) GC
267. 59.24880 (04111308) AT (533000.00, 4416000.00) GC

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307.      55.85270 (04091908) AT ( 534000.00, 4417500.00)  GC
  268.      59.20975 (04011024) AT ( 532000.00, 4416500.00)  GC
308.      55.68879 (04120608) AT ( 533000.00, 4416000.00)  GC
  269.      59.17953 (04121008) AT ( 533000.00, 4416000.00)  GC
309.      55.60527c(04052108) AT ( 532500.00, 4415500.00)  GC
  270.      59.00990 (04042008) AT ( 533000.00, 4417000.00)  GC
310.      55.56394 (04102708) AT ( 532000.00, 4416500.00)  GC
  271.      58.80026 (04030808) AT ( 533500.00, 4416000.00)  GC
311.      55.52498 (04111624) AT ( 534000.00, 4417500.00)  GC
  272.      58.65579 (04102224) AT ( 533500.00, 4416000.00)  GC
312.      55.32895 (04102408) AT ( 532500.00, 4415500.00)  GC
  273.      58.59824 (04092624) AT ( 534000.00, 4416500.00)  GC
313.      55.16733 (04030124) AT ( 531500.00, 4416000.00)  GC
  274.      58.56942 (04011008) AT ( 533500.00, 4416000.00)  GC
314.      55.04323 (04090208) AT ( 531500.00, 4414500.00)  GC
  275.      58.56360 (04092724) AT ( 531500.00, 4414000.00)  GC
315.      55.04146 (04052408) AT ( 534000.00, 4417500.00)  GC
  276.      58.39158 (04123108) AT ( 532000.00, 4416000.00)  GC
316.      54.96464 (04072308) AT ( 534000.00, 4417500.00)  GC
  277.      58.35176 (04122808) AT ( 534000.00, 4417500.00)  GC
317.      54.81519 (04092924) AT ( 533000.00, 4415500.00)  GC
  278.      58.26555 (04121608) AT ( 531500.00, 4414000.00)  GC
318.      54.71953 (04101108) AT ( 533500.00, 4416000.00)  GC
  279.      58.22761 (04090908) AT ( 531500.00, 4414500.00)  GC
319.      54.56136 (04031124) AT ( 532500.00, 4415000.00)  GC
  280.      58.03879 (04052224) AT ( 533500.00, 4416000.00)  GC
320.      54.56093 (04093008) AT ( 533000.00, 4415500.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/24/11
                                  ***
                                  ***        19:46:59
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500   8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: 1ALT   ***
INCLUDING SOURCE(S):   BACA1A ,
BACA1B ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
321.	54.41979	(04072108)	(534500.00, 4417500.00) GC	361.	52.16001	(04101524)	(533500.00, 4416000.00) GC
322.	54.40024	(04063008)	(533500.00, 4416000.00) GC	362.	52.11679	(04050508)	(533500.00, 4416000.00) GC
323.	54.12374c	(04121908)	(532000.00, 4416000.00) GC	363.	52.11244	(04042024)	(533500.00, 4417500.00) GC
324.	54.06777	(04110624)	(531500.00, 4414000.00) GC	364.	51.98466	(04051908)	(533000.00, 4415500.00) GC
325.	54.01978	(04080908)	(533500.00, 4416000.00) GC	365.	51.98318	(04020508)	(532500.00, 4417500.00) GC
326.	53.91636	(04121308)	(532000.00, 4417500.00) GC	366.	51.82587	(04072608)	(531500.00, 4416000.00) GC
327.	53.72929	(04102208)	(531500.00, 4414500.00) GC	367.	51.81852	(04082108)	(532000.00, 4416000.00) GC

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  328.      53.71614 (04101508) AT ( 533000.00, 4415500.00)  GC
368.      51.70939 (04112708) AT ( 533500.00, 4417500.00)  GC
  329.      53.66536 (04102408) AT ( 532000.00, 4415000.00)  GC
369.      51.70938 (04110524) AT ( 533500.00, 4416000.00)  GC
  330.      53.64260 (04031008) AT ( 533500.00, 4418000.00)  GC
370.      51.70649 (04061308) AT ( 531500.00, 4414000.00)  GC
  331.      53.56313 (04110508) AT ( 531500.00, 4416000.00)  GC
371.      51.64310 (04092608) AT ( 533500.00, 4413500.00)  GC
  332.      53.46396 (04082108) AT ( 533000.00, 4417000.00)  GC
372.      51.59433 (04011024) AT ( 532500.00, 4416500.00)  GC
  333.      53.34650 (04103108) AT ( 533000.00, 4417000.00)  GC
373.      51.54676 (04112308) AT ( 533500.00, 4418000.00)  GC
  334.      53.30610 (04102208) AT ( 533500.00, 4416000.00)  GC
374.      51.47830 (04020124) AT ( 531500.00, 4416000.00)  GC
  335.      53.22630 (04101424) AT ( 533000.00, 4415500.00)  GC
375.      51.45055 (04110324) AT ( 534000.00, 4417500.00)  GC
  336.      53.20553 (04062608) AT ( 534000.00, 4417500.00)  GC
376.      51.44998 (04071308) AT ( 532000.00, 4416000.00)  GC
  337.      53.20266 (04103008) AT ( 531500.00, 4414500.00)  GC
377.      51.42354 (04103008) AT ( 533000.00, 4415500.00)  GC
  338.      53.15064 (04110908) AT ( 533000.00, 4417000.00)  GC
378.      51.37904 (04122908) AT ( 532000.00, 4416500.00)  GC
  339.      53.11276 (04031208) AT ( 532000.00, 4415000.00)  GC
379.      51.32625c(04100108) AT ( 541500.00, 4420000.00)  GC
  340.      53.06613 (04123024) AT ( 531500.00, 4414500.00)  GC
380.      51.31577 (04011924) AT ( 533000.00, 4417500.00)  GC
  341.      53.05509 (04100208) AT ( 531500.00, 4414000.00)  GC
381.      51.30566 (04100308) AT ( 533500.00, 4416500.00)  GC
  342.      53.01276 (04012624) AT ( 533500.00, 4417500.00)  GC
382.      51.29205 (04061808) AT ( 533500.00, 4416000.00)  GC
  343.      52.96127 (04082708) AT ( 533500.00, 4413500.00)  GC
383.      51.25272 (04092708) AT ( 533000.00, 4415500.00)  GC
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  344.      52.90704 (04121008) AT ( 533500.00, 4416500.00)  GC
384.      51.24673 (04070408) AT ( 534000.00, 4417500.00)  GC
  345.      52.86752 (04031524) AT ( 531500.00, 4416000.00)  GC
385.      51.23517 (04080308) AT ( 532000.00, 4417500.00)  GC
  346.      52.84227 (04042908) AT ( 531500.00, 4414000.00)  GC
386.      51.20795 (04033108) AT ( 531500.00, 4416000.00)  GC
  347.      52.83846 (04091924) AT ( 531500.00, 4414000.00)  GC
387.      51.19729 (04102108) AT ( 533000.00, 4415500.00)  GC
  348.      52.83640 (04103108) AT ( 533500.00, 4416500.00)  GC
388.      51.13325 (04061724) AT ( 534000.00, 4417500.00)  GC
  349.      52.83304 (04092808) AT ( 534000.00, 4417000.00)  GC
389.      51.12789 (04122908) AT ( 533000.00, 4416500.00)  GC
  350.      52.81008 (04040908) AT ( 534000.00, 4417500.00)  GC
390.      51.09257 (04080408) AT ( 533000.00, 4416000.00)  GC
  351.      52.78504 (04011108) AT ( 532000.00, 4416500.00)  GC
391.      51.07522 (04092924) AT ( 531500.00, 4414000.00)  GC
  352.      52.72807 (04121808) AT ( 533500.00, 4416000.00)  GC
392.      51.01503 (04032808) AT ( 534000.00, 4417500.00)  GC
  353.      52.72063 (04071308) AT ( 533000.00, 4417000.00)  GC
393.      51.00376 (04030224) AT ( 532000.00, 4417500.00)  GC
  354.      52.62482 (04080208) AT ( 533500.00, 4416000.00)  GC
394.      50.96601c(04052108) AT ( 532000.00, 4415000.00)  GC
  355.      52.61873 (04042008) AT ( 532500.00, 4417500.00)  GC
395.      50.92859 (04111224) AT ( 531500.00, 4414000.00)  GC
  356.      52.61579 (04032008) AT ( 533500.00, 4416000.00)  GC
396.      50.84483 (04060508) AT ( 531500.00, 4416000.00)  GC
  357.      52.53915 (04091624) AT ( 533500.00, 4416000.00)  GC
397.      50.83129 (04082808) AT ( 534000.00, 4416500.00)  GC
  358.      52.53855 (04040924) AT ( 533500.00, 4417000.00)  GC
398.      50.74637 (04022924) AT ( 533000.00, 4416500.00)  GC
  359.      52.34527 (04123108) AT ( 533500.00, 4416500.00)  GC
399.      50.74317 (04121008) AT ( 531500.00, 4414500.00)  GC
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  360.   52.34339 (04111308) AT (532500.00, 4415500.00) GC
400.   50.71327 (04012508) AT (533500.00, 4418000.00) GC
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/24/11
                                   ***
                                   ***   19:46:59

 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE MAXIMUM 500   8-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 1ALT   ***
                                     INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   ,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE
 -
- -
  401.   50.62719 (04082308) AT (534500.00, 4417000.00) GC
441.   49.26879 (04112824) AT (533500.00, 4417500.00) GC
  402.   50.62010 (04042908) AT (533000.00, 4415500.00) GC
442.   49.26802 (04082308) AT (533000.00, 4416000.00) GC
  403.   50.58882 (04082108) AT (533500.00, 4416500.00) GC
443.   49.25746 (04020124) AT (533500.00, 4417500.00) GC
  404.   50.55876 (04021808) AT (532500.00, 4416000.00) GC

444. 49.24911 (04123108) AT (532500.00, 4416000.00) GC
405. 50.48397 (04062424) AT (534000.00, 4417500.00) GC
445. 49.11781 (04102124) AT (533000.00, 4416000.00) GC
406. 50.47756 (04041208) AT (533000.00, 4415500.00) GC
446. 48.97081 (04100308) AT (532500.00, 4416000.00) GC
407. 50.45371 (04030208) AT (532500.00, 4417000.00) GC
447. 48.92724 (04101124) AT (534000.00, 4417500.00) GC
408. 50.44541 (04042008) AT (534000.00, 4417500.00) GC
448. 48.92194 (04030824) AT (528500.00, 4414500.00) GC
409. 50.44528 (04022924) AT (533500.00, 4417000.00) GC
449. 48.84904 (04122808) AT (533500.00, 4417500.00) GC
410. 50.35239c(04100108) AT (542000.00, 4419500.00) GC
450. 48.84202 (04092024) AT (533500.00, 4416000.00) GC
411. 50.34543 (04013108) AT (533000.00, 4415500.00) GC
451. 48.81131 (04092708) AT (533000.00, 4416000.00) GC
412. 50.32612 (04051908) AT (532500.00, 4415000.00) GC
452. 48.77915 (04111308) AT (532500.00, 4415000.00) GC
413. 50.25838 (04111308) AT (532000.00, 4414500.00) GC
453. 48.75369 (04102424) AT (531500.00, 4414000.00) GC
414. 50.22804 (04083008) AT (531500.00, 4414500.00) GC
454. 48.73596 (04081308) AT (534000.00, 4417500.00) GC
415. 50.21629 (04111408) AT (533500.00, 4416000.00) GC
455. 48.71670 (04121008) AT (532000.00, 4415500.00) GC
416. 50.17415c(04121908) AT (533000.00, 4416000.00) GC
456. 48.68572 (04031208) AT (532500.00, 4414500.00) GC
417. 50.10454 (04021724) AT (533000.00, 4415500.00) GC
457. 48.65834 (04100308) AT (532000.00, 4416000.00) GC
418. 50.04204 (04102008) AT (532500.00, 4416500.00) GC
458. 48.63450 (04093008) AT (533000.00, 4415000.00) GC
419. 50.03112 (04050308) AT (534000.00, 4417500.00) GC
459. 48.61862 (04011724) AT (531500.00, 4416000.00) GC
420. 49.99598 (04121008) AT (532000.00, 4414500.00) GC

460. 48.60332 (04082308) AT (531500.00, 4414500.00) GC
421. 49.89483 (04030908) AT (531500.00, 4416000.00) GC
461. 48.56589c(04110108) AT (532000.00, 4415000.00) GC
422. 49.85521 (04030224) AT (532500.00, 4417500.00) GC
462. 48.49405 (04060708) AT (531500.00, 4414500.00) GC
423. 49.84409 (04111824) AT (533500.00, 4416000.00) GC
463. 48.46816 (04032408) AT (533500.00, 4416000.00) GC
424. 49.78429 (04082108) AT (534000.00, 4417500.00) GC
464. 48.44445 (04092108) AT (531500.00, 4414500.00) GC
425. 49.76755 (04121708) AT (534000.00, 4417500.00) GC
465. 48.41142 (04123124) AT (532500.00, 4410500.00) GC
426. 49.75289 (04012708) AT (533500.00, 4418000.00) GC
466. 48.39033 (04101124) AT (533500.00, 4418000.00) GC
427. 49.66727 (04102108) AT (532500.00, 4415000.00) GC
467. 48.34407 (04020408) AT (528500.00, 4414500.00) GC
428. 49.61679 (04013108) AT (532000.00, 4415000.00) GC
468. 48.29944 (04102708) AT (531500.00, 4416500.00) GC
429. 49.59025 (04013108) AT (532500.00, 4415000.00) GC
469. 48.18186 (04120824) AT (531500.00, 4416500.00) GC
430. 49.58999 (04102624) AT (533500.00, 4417000.00) GC
470. 48.16690 (04092924) AT (534500.00, 4417000.00) GC
431. 49.56447 (04120524) AT (534000.00, 4417500.00) GC
471. 48.08059 (04082808) AT (534500.00, 4417000.00) GC
432. 49.48278 (04033108) AT (534000.00, 4417000.00) GC
472. 47.92608 (04102708) AT (533000.00, 4416500.00) GC
433. 49.47059 (04122908) AT (532500.00, 4416500.00) GC
473. 47.91301c(04121908) AT (532000.00, 4415500.00) GC
434. 49.44727 (04102008) AT (533000.00, 4416500.00) GC
474. 47.89100c(04031908) AT (534000.00, 4417500.00) GC
435. 49.42810 (04080308) AT (532500.00, 4417500.00) GC
475. 47.88636 (04021708) AT (534500.00, 4417500.00) GC
436. 49.41233 (04120124) AT (533500.00, 4417500.00) GC

476. 47.86795 (04090408) AT (534500.00, 4417000.00) GC
  437. 49.38910 (04110908) AT (532000.00, 4416500.00) GC
477. 47.82708 (04102324) AT (534500.00, 4417000.00) GC
  438. 49.33455 (04102108) AT (532500.00, 4415500.00) GC
478. 47.81265c(04031908) AT (532500.00, 4417500.00) GC
  439. 49.32521c(04110108) AT (532000.00, 4414500.00) GC
479. 47.80426 (04021708) AT (533000.00, 4417500.00) GC
  440. 49.28095 (04080508) AT (531500.00, 4416000.00) GC
480. 47.78420 (04030208) AT (532500.00, 4416000.00) GC
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/24/11
*** 19:46:59

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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 8-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B ,

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

RANK CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE RANK
CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE
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  481.      47.69318 (04091524) AT ( 534000.00, 4417000.00)  GC
491.      47.19595 (04030924) AT ( 533500.00, 4417000.00)  GC
  482.      47.63675 (04051908) AT ( 532500.00, 4415500.00)  GC
492.      47.16747 (04101908) AT ( 533000.00, 4415500.00)  GC
  483.      47.60101 (04091524) AT ( 531500.00, 4416000.00)  GC
493.      47.11097 (04092924) AT ( 533000.00, 4416000.00)  GC
  484.      47.57809 (04011824) AT ( 533000.00, 4423000.00)  GC
494.      47.07488 (04061508) AT ( 534000.00, 4417000.00)  GC
  485.      47.55712 (04051708) AT ( 533500.00, 4417500.00)  GC
495.      47.04387 (04092724) AT ( 531000.00, 4413500.00)  GC
  486.      47.52487 (04031124) AT ( 532000.00, 4414500.00)  GC
496.      46.97441 (04123108) AT ( 532500.00, 4417000.00)  GC
  487.      47.45478c(04020208) AT ( 532500.00, 4417500.00)  GC
497.      46.88027 (04021808) AT ( 533500.00, 4416500.00)  GC
  488.      47.42565 (04101708) AT ( 531500.00, 4414500.00)  GC
498.      46.84452 (04031208) AT ( 532000.00, 4414000.00)  GC
  489.      47.41177 (04041308) AT ( 532500.00, 4416500.00)  GC
499.      46.83401 (04122208) AT ( 532000.00, 4416500.00)  GC
  490.      47.29388 (04102324) AT ( 533000.00, 4416000.00)  GC
500.      46.82509 (04122808) AT ( 533000.00, 4416500.00)  GC

  *** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/24/11
                                  ***
                                  ***        19:46:59

                                             PAGE 131

 **MODELOPTs:  RegDFAULT CONC
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ELEV

*** THE MAXIMUM 500 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

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

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
1.	338.50442	(04110608)	AT	(534000.00, 4417500.00)	GC	41.	102.22638	(04100208)	AT	(533500.00, 4416000.00)	GC
2.	227.88415	(04112908)	AT	(534000.00, 4417500.00)	GC	42.	102.15034	(04012408)	AT	(534000.00, 4417500.00)	GC
3.	211.10606	(04021708)	AT	(534000.00, 4417500.00)	GC	43.	102.04737	(04031208)	AT	(533000.00, 4415500.00)	GC
4.	178.68578	(04110608)	AT	(533500.00, 4417500.00)	GC	44.	99.01073	(04030208)	AT	(532500.00, 4416500.00)	GC
5.	167.39761	(04021624)	AT	(534000.00, 4417500.00)	GC	45.	98.25554	(04082108)	AT	(533500.00, 4417000.00)	GC
6.	164.49138	(04012524)	AT	(534000.00, 4417500.00)	GC	46.	98.09720	(04030208)	AT	(533000.00, 4416500.00)	GC
7.	153.34456	(04121224)	AT	(534000.00, 4417500.00)	GC	47.	97.77903	(04041308)	AT	(533500.00, 4417000.00)	GC
8.	147.43711	(04110608)	AT	(532000.00, 4417500.00)	GC	48.	97.52920	(04032124)	AT	(534000.00, 4417500.00)	GC

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    9.     138.66094 (04123108) AT ( 533500.00, 4417000.00)  GC
49.       97.43726 (04072908) AT ( 534000.00, 4417500.00)  GC
   10.     135.92289 (04012524) AT ( 533500.00, 4417500.00)  GC
50.       97.15346 (04102008) AT ( 533500.00, 4417000.00)  GC
   11.     131.32476 (04092624) AT ( 533500.00, 4416000.00)  GC
51.       96.43241 (04110624) AT ( 533500.00, 4416000.00)  GC
   12.     130.25928 (04020508) AT ( 534000.00, 4417500.00)  GC
52.       95.43038 (04071308) AT ( 533500.00, 4417000.00)  GC
   13.     125.34508 (04012608) AT ( 533500.00, 4417500.00)  GC
53.       94.78326 (04101708) AT ( 533500.00, 4416000.00)  GC
   14.     125.07499 (04092724) AT ( 533500.00, 4416000.00)  GC
54.       94.52857 (04090208) AT ( 533500.00, 4416000.00)  GC
   15.     124.60190 (04110608) AT ( 532500.00, 4417500.00)  GC
55.       94.51673 (04020408) AT ( 533500.00, 4417000.00)  GC
   16.     124.14816 (04121308) AT ( 534000.00, 4417500.00)  GC
56.       94.22398 (04092708) AT ( 533500.00, 4416000.00)  GC
   17.     123.86224 (04021708) AT ( 533500.00, 4417500.00)  GC
57.       93.92333 (04030208) AT ( 533000.00, 4417000.00)  GC
   18.     122.05487 (04091608) AT ( 533500.00, 4416000.00)  GC
58.       93.90960 (04101208) AT ( 534000.00, 4417500.00)  GC
   19.     120.76607 (04102508) AT ( 533500.00, 4416000.00)  GC
59.       93.17159 (04012524) AT ( 532500.00, 4417500.00)  GC
   20.     118.67070 (04092924) AT ( 533500.00, 4416000.00)  GC
60.       92.73033 (04011924) AT ( 533500.00, 4417500.00)  GC
   21.     118.47745 (04110208) AT ( 533500.00, 4416000.00)  GC
61.       92.08665 (04123108) AT ( 532000.00, 4416500.00)  GC
   22.     118.22727 (04012608) AT ( 534000.00, 4417500.00)  GC
62.       91.83558 (04091324) AT ( 533500.00, 4416000.00)  GC
   23.     118.00606 (04030224) AT ( 534000.00, 4417500.00)  GC
63.       91.44998 (04103108) AT ( 533500.00, 4417000.00)  GC
   24.     117.87967 (04103008) AT ( 533500.00, 4416000.00)  GC
64.       91.42103 (04112308) AT ( 534000.00, 4417500.00)  GC
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   25.     116.44656 (04021624) AT ( 533500.00, 4417500.00)  GC
65.      91.32714 (04102924) AT ( 533500.00, 4416000.00)  GC
   26.     116.17370 (04080308) AT ( 534000.00, 4417500.00)  GC
66.      90.23826 (04011924) AT ( 534000.00, 4417500.00)  GC
   27.     115.80496 (04030208) AT ( 533500.00, 4417000.00)  GC
67.      89.81668 (04092808) AT ( 531500.00, 4416000.00)  GC
   28.     114.42309 (04061308) AT ( 533500.00, 4416000.00)  GC
68.      89.60063 (04092108) AT ( 533500.00, 4416000.00)  GC
   29.     111.60613 (04092008) AT ( 533500.00, 4416000.00)  GC
69.      89.57281 (04121308) AT ( 533500.00, 4417500.00)  GC
   30.     110.66174 (04083108) AT ( 533500.00, 4416000.00)  GC
70.      88.84152 (04123024) AT ( 533500.00, 4416000.00)  GC
   31.     110.58669 (04111224) AT ( 533500.00, 4416000.00)  GC
71.      88.59258c(04121908) AT ( 532500.00, 4416500.00)  GC
   32.     110.37604 (04042008) AT ( 533000.00, 4417500.00)  GC
72.      88.18138 (04123108) AT ( 533000.00, 4416500.00)  GC
   33.     109.79496c(04121908) AT ( 533000.00, 4416500.00)  GC
73.      88.15125 (04112908) AT ( 532000.00, 4417500.00)  GC
   34.     108.25441 (04112908) AT ( 533500.00, 4417500.00)  GC
74.      87.65484 (04021708) AT ( 532000.00, 4417500.00)  GC
   35.     106.86664 (04121224) AT ( 533500.00, 4417500.00)  GC
75.      87.42331 (04102624) AT ( 531500.00, 4416000.00)  GC
   36.     106.13505 (04111324) AT ( 533500.00, 4416000.00)  GC
76.      86.43862c(04031908) AT ( 533000.00, 4417500.00)  GC
   37.     105.26623 (04090908) AT ( 533500.00, 4416000.00)  GC
77.      86.00281 (04082208) AT ( 533000.00, 4417500.00)  GC
   38.     103.72626c(04110108) AT ( 533500.00, 4416000.00)  GC
78.      85.93318 (04123108) AT ( 532500.00, 4416500.00)  GC
   39.     102.53540 (04012608) AT ( 533000.00, 4417500.00)  GC
79.      85.77472 (04092208) AT ( 533000.00, 4415500.00)  GC
   40.     102.37412 (04041124) AT ( 534000.00, 4417500.00)  GC
80.      85.37686 (04123124) AT ( 533500.00, 4413500.00)  GC
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 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/24/11
***
*** 19:46:59

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 8-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT.,

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

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
81.	85.29389	(04091308)	AT	(533500.00, 4416000.00)	GC	121.	76.51776	(04092824)	AT	(534000.00, 4417500.00)	GC
82.	84.93350	(04011024)	AT	(533500.00, 4417000.00)	GC	122.	76.48342	(04011108)	AT	(533500.00, 4417000.00)	GC
83.	84.82391	(04110908)	AT	(533500.00, 4417000.00)	GC	123.	76.35075	(04072108)	AT	(534000.00, 4417500.00)	GC
84.	84.81302	(04110524)	AT	(534000.00, 4417500.00)	GC	124.	76.28476	(04121008)	AT	(533000.00, 4415500.00)	GC
85.	84.41959	(04030308)	AT	(531500.00, 4416000.00)	GC						

125. 76.09857 (04010324) AT (534000.00, 4417500.00) GC
86. 84.20041 (04091924) AT (533500.00, 4416000.00) GC
126. 76.07471 (04122908) AT (533500.00, 4417000.00) GC
87. 83.94862 (04102508) AT (531500.00, 4414000.00) GC
127. 76.00230 (04012424) AT (533000.00, 4418500.00) GC
88. 83.59635 (04111308) AT (533000.00, 4415500.00) GC
128. 75.89274 (04031208) AT (532500.00, 4415000.00) GC
89. 83.45690 (04021708) AT (532500.00, 4417500.00) GC
129. 75.35919 (04020508) AT (533500.00, 4417500.00) GC
90. 83.28669 (04082808) AT (533500.00, 4416000.00) GC
130. 75.31583 (04021808) AT (533500.00, 4417000.00) GC
91. 83.10066 (04041208) AT (533500.00, 4416000.00) GC
131. 75.09269 (04112908) AT (534500.00, 4417500.00) GC
92. 83.09370 (04111308) AT (533500.00, 4416000.00) GC
132. 75.07931 (04012524) AT (533000.00, 4417500.00) GC
93. 82.59066 (04091408) AT (533500.00, 4416000.00) GC
133. 74.26556 (04020408) AT (531500.00, 4416000.00) GC
94. 82.54195 (04082208) AT (533500.00, 4417500.00) GC
134. 74.16842 (04031208) AT (532000.00, 4414500.00) GC
95. 82.30620 (04012608) AT (532500.00, 4417500.00) GC
135. 74.14980 (04103124) AT (533500.00, 4416000.00) GC
96. 82.11289c(04020208) AT (534000.00, 4417500.00) GC
136. 73.95263 (04090108) AT (531500.00, 4416000.00) GC
97. 82.01641 (04102424) AT (533500.00, 4416000.00) GC
137. 73.86417 (04042524) AT (533500.00, 4416000.00) GC
98. 81.97496 (04071208) AT (533500.00, 4416000.00) GC
138. 73.67244 (04101508) AT (533500.00, 4416000.00) GC
99. 81.62006 (04060924) AT (534000.00, 4417500.00) GC
139. 73.65341 (04011824) AT (533000.00, 4423500.00) GC
100. 81.38083 (04092924) AT (531500.00, 4414500.00) GC
140. 73.63253 (04100308) AT (533000.00, 4416500.00) GC
101. 81.01854 (04083008) AT (533500.00, 4416000.00) GC

141. 73.24636 (04090808) AT (533500.00, 4416000.00) GC
102. 81.01171c(04121908) AT (533500.00, 4417000.00) GC
142. 73.02114 (04112908) AT (532500.00, 4417500.00) GC
103. 80.69913 (04030824) AT (531500.00, 4416000.00) GC
143. 72.87785 (04102208) AT (533000.00, 4416000.00) GC
104. 79.98136 (04062508) AT (534000.00, 4417500.00) GC
144. 72.80303 (04021624) AT (532000.00, 4417500.00) GC
105. 79.56725c(04110108) AT (533000.00, 4415500.00) GC
145. 72.75184 (04021808) AT (533000.00, 4416500.00) GC
106. 79.49262 (04112824) AT (534000.00, 4417500.00) GC
146. 72.71805 (04042024) AT (534000.00, 4417500.00) GC
107. 79.10949 (04102908) AT (533500.00, 4416000.00) GC
147. 72.52233 (04030224) AT (533500.00, 4417500.00) GC
108. 79.04844c(04110108) AT (531500.00, 4414500.00) GC
148. 72.43760 (04080308) AT (533500.00, 4417500.00) GC
109. 78.98498 (04020408) AT (533000.00, 4416500.00) GC
149. 72.29377 (04092108) AT (534500.00, 4417000.00) GC
110. 78.36471 (04012524) AT (532000.00, 4417500.00) GC
150. 72.09407 (04011524) AT (533000.00, 4418500.00) GC
111. 78.27492 (04021624) AT (532500.00, 4417500.00) GC
151. 71.84993 (04102508) AT (533000.00, 4415500.00) GC
112. 78.21674 (04011808) AT (534000.00, 4417500.00) GC
152. 71.84914 (04121224) AT (532500.00, 4417500.00) GC
113. 78.09781c(04121908) AT (532500.00, 4416000.00) GC
153. 71.65724 (04082308) AT (533500.00, 4416000.00) GC
114. 77.95412 (04102708) AT (533500.00, 4417000.00) GC
154. 70.85660 (04081408) AT (533500.00, 4416000.00) GC
115. 77.69460 (04091608) AT (531500.00, 4414500.00) GC
155. 70.82914 (04093008) AT (533500.00, 4416000.00) GC
116. 77.60963 (04122424) AT (531500.00, 4416000.00) GC
156. 70.77811 (04020408) AT (532000.00, 4416000.00) GC
117. 77.34710 (04071124) AT (534000.00, 4417500.00) GC

157. 70.73261 (04040908) AT (533500.00, 4416000.00) GC
118. 76.86530 (04020408) AT (532500.00, 4416500.00) GC
158. 70.39848 (04111308) AT (531500.00, 4414500.00) GC
119. 76.83320 (04042008) AT (533500.00, 4417500.00) GC
159. 70.29444c(04020208) AT (533500.00, 4417500.00) GC
120. 76.58551 (04121608) AT (533500.00, 4416000.00) GC
160. 70.17943 (04061508) AT (531500.00, 4416000.00) GC
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/24/11
***
*** 19:46:59

PAGE 133

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 8-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT.,

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

RANK CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE RANK
CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE
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  162.      69.91570c(04121908) AT ( 533000.00, 4417000.00)  GC
202.      64.84850 (04052308) AT ( 533500.00, 4416000.00)  GC
  163.      69.75089 (04122208) AT ( 533500.00, 4417000.00)  GC
203.      64.78591 (04092208) AT ( 532000.00, 4415000.00)  GC
  164.      69.53174c(04031908) AT ( 533500.00, 4417500.00)  GC
204.      64.53303 (04102708) AT ( 531500.00, 4416000.00)  GC
  165.      69.45319 (04092424) AT ( 533500.00, 4416000.00)  GC
205.      64.35414 (04041308) AT ( 532000.00, 4416500.00)  GC
  166.      69.36123 (04091108) AT ( 533500.00, 4416000.00)  GC
206.      64.34309 (04102508) AT ( 531500.00, 4414500.00)  GC
  167.      69.23589 (04052208) AT ( 533500.00, 4416000.00)  GC
207.      64.34063 (04110208) AT ( 531500.00, 4414500.00)  GC
  168.      69.17370 (04121008) AT ( 532500.00, 4415500.00)  GC
208.      64.29913 (04111308) AT ( 532000.00, 4415000.00)  GC
  169.      69.04218 (04111424) AT ( 533500.00, 4416000.00)  GC
209.      64.25155 (04102824) AT ( 533500.00, 4416000.00)  GC
  170.      68.74673 (04123108) AT ( 533000.00, 4417000.00)  GC
210.      64.23426 (04102008) AT ( 531500.00, 4416000.00)  GC
  171.      68.66566 (04040708) AT ( 531500.00, 4416000.00)  GC
211.      64.13238c(04110124) AT ( 533500.00, 4416000.00)  GC
  172.      68.57770 (04103108) AT ( 532500.00, 4416500.00)  GC
212.      63.95334 (04122208) AT ( 532500.00, 4416500.00)  GC
  173.      68.53854 (04042908) AT ( 533500.00, 4416000.00)  GC
213.      63.88367 (04103108) AT ( 531500.00, 4416000.00)  GC
  174.      68.53446 (04042608) AT ( 533500.00, 4416000.00)  GC
214.      63.87247 (04101508) AT ( 531500.00, 4414500.00)  GC
  175.      68.49013 (04103108) AT ( 533000.00, 4416500.00)  GC
215.      63.74959 (04121608) AT ( 533000.00, 4415500.00)  GC
  176.      68.10894 (04020408) AT ( 533000.00, 4417000.00)  GC
216.      63.66638 (04111324) AT ( 531500.00, 4414500.00)  GC
  177.      67.84930 (04110608) AT ( 534500.00, 4417500.00)  GC
217.      63.60218c(04121908) AT ( 533500.00, 4416500.00)  GC
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  178.      67.67866 (04122208) AT ( 533000.00, 4416500.00)  GC
218.      63.59682 (04032308) AT ( 534000.00, 4417500.00)  GC
  179.      67.67764 (04041008) AT ( 531500.00, 4416000.00)  GC
219.      63.32715 (04120824) AT ( 533500.00, 4417000.00)  GC
  180.      67.38549 (04071308) AT ( 533000.00, 4416500.00)  GC
220.      63.21196 (04121008) AT ( 533500.00, 4416000.00)  GC
  181.      67.28417 (04092208) AT ( 532500.00, 4415000.00)  GC
221.      62.95938 (04041708) AT ( 533500.00, 4416000.00)  GC
  182.      67.26765 (04010324) AT ( 533500.00, 4417500.00)  GC
222.      62.94112 (04092624) AT ( 531500.00, 4414500.00)  GC
  183.      67.20933 (04083108) AT ( 531500.00, 4414500.00)  GC
223.      62.88153 (04021624) AT ( 533000.00, 4417500.00)  GC
  184.      66.86270 (04072708) AT ( 533500.00, 4416000.00)  GC
224.      62.77300 (04092908) AT ( 534500.00, 4417000.00)  GC
  185.      66.75634 (04102008) AT ( 532000.00, 4416500.00)  GC
225.      62.64052 (04060708) AT ( 533500.00, 4416000.00)  GC
  186.      66.62689 (04092708) AT ( 531500.00, 4414500.00)  GC
226.      62.59591 (04072408) AT ( 533500.00, 4416000.00)  GC
  187.      66.34322 (04121224) AT ( 533000.00, 4417500.00)  GC
227.      62.57544 (04021808) AT ( 532500.00, 4416500.00)  GC
  188.      66.30223 (04092208) AT ( 533000.00, 4416000.00)  GC
228.      62.54280 (04100308) AT ( 533500.00, 4417000.00)  GC
  189.      66.19462 (04120124) AT ( 534000.00, 4417500.00)  GC
229.      62.50954 (04071308) AT ( 533500.00, 4416500.00)  GC
  190.      66.17561 (04103008) AT ( 531500.00, 4414000.00)  GC
230.      62.49468 (04082108) AT ( 532500.00, 4416500.00)  GC
  191.      66.13770 (04020124) AT ( 534000.00, 4417500.00)  GC
231.      62.38965 (04092208) AT ( 532000.00, 4414500.00)  GC
  192.      66.01068 (04071308) AT ( 532500.00, 4416500.00)  GC
232.      62.22398 (04102408) AT ( 533500.00, 4416000.00)  GC
  193.      65.75570 (04121008) AT ( 532000.00, 4415000.00)  GC
233.      62.21571 (04111224) AT ( 531500.00, 4414500.00)  GC
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  194.      65.69089 (04020224) AT ( 534000.00, 4417500.00)  GC
234.      62.07490 (04040424) AT ( 534000.00, 4417500.00)  GC
  195.      65.68040 (04121224) AT ( 532000.00, 4417500.00)  GC
235.      62.06660 (04121308) AT ( 533000.00, 4417500.00)  GC
  196.      65.55078 (04042524) AT ( 531500.00, 4414000.00)  GC
236.      61.78663c(04052108) AT ( 533000.00, 4415500.00)  GC
  197.      65.51465 (04092008) AT ( 531500.00, 4414000.00)  GC
237.      61.68265 (04011924) AT ( 532500.00, 4417500.00)  GC
  198.      65.51217 (04090824) AT ( 533500.00, 4416000.00)  GC
238.      61.17857 (04102408) AT ( 533000.00, 4416000.00)  GC
  199.      65.41940 (04042708) AT ( 534000.00, 4417500.00)  GC
239.      60.99537 (04123108) AT ( 531500.00, 4416500.00)  GC
  200.      65.36565 (04041208) AT ( 531500.00, 4414500.00)  GC
240.      60.94437 (04082208) AT ( 534000.00, 4417500.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/24/11
                                   ***
                                   ***        19:46:59

                                              PAGE 134
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                  *** THE MAXIMUM  500   8-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  2ALT     ***
                                      INCLUDING SOURCE(S):    BACA1A   ,
BACA1B   , ON.ISIT.,

                                          ** CONC OF NOX      IN
MICROGRAMS/M**3                            **
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 RANK         CONC     (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE     RANK
       CONC     (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
  241.      60.90532 (04082608) AT ( 533500.00, 4416000.00)  GC
281.      57.94692 (04120324) AT ( 533000.00, 4417500.00)  GC
  242.      60.87196 (04100308) AT ( 532500.00, 4416500.00)  GC
282.      57.82867 (04110208) AT ( 531500.00, 4414000.00)  GC
  243.      60.79840 (04121308) AT ( 532500.00, 4417500.00)  GC
283.      57.70892 (04103108) AT ( 532000.00, 4416500.00)  GC
  244.      60.77862 (04103024) AT ( 531500.00, 4416000.00)  GC
284.      57.59631 (04020408) AT ( 532000.00, 4416500.00)  GC
  245.      60.71384 (04123024) AT ( 533000.00, 4415500.00)  GC
285.      57.59472 (04030608) AT ( 534000.00, 4417500.00)  GC
  246.      60.66785 (04110908) AT ( 532500.00, 4416500.00)  GC
286.      57.30924 (04100608) AT ( 534000.00, 4417500.00)  GC
  247.      60.62893 (04092208) AT ( 532500.00, 4415500.00)  GC
287.      57.03516 (04092308) AT ( 534000.00, 4417500.00)  GC
  248.      60.61890 (04080408) AT ( 533500.00, 4416000.00)  GC
288.      56.99714 (04092208) AT ( 533500.00, 4416500.00)  GC
  249.      60.58109 (04031124) AT ( 533000.00, 4415500.00)  GC
289.      56.94753 (04090708) AT ( 533500.00, 4416000.00)  GC
  250.      60.50821 (04082108) AT ( 532000.00, 4416500.00)  GC
290.      56.93492 (04020224) AT ( 533500.00, 4417500.00)  GC
  251.      60.47226 (04020408) AT ( 533500.00, 4416500.00)  GC
291.      56.93440 (04082208) AT ( 532500.00, 4417500.00)  GC
  252.      60.42697 (04082108) AT ( 533000.00, 4416500.00)  GC
292.      56.68101 (04080508) AT ( 533500.00, 4417000.00)  GC
  253.      60.33426 (04121008) AT ( 532500.00, 4415000.00)  GC
293.      56.62307 (04060408) AT ( 533500.00, 4416000.00)  GC
  254.      60.31230 (04102408) AT ( 533000.00, 4415500.00)  GC
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294. 56.62019 (04102124) AT (533500.00, 4416000.00) GC
255. 60.22736 (04112708) AT (534000.00, 4417500.00) GC
295. 56.60392 (04020508) AT (532000.00, 4417500.00) GC
256. 60.16822 (04082508) AT (533500.00, 4416000.00) GC
296. 56.60226 (04102908) AT (531500.00, 4414000.00) GC
257. 60.06168 (04031208) AT (532500.00, 4415500.00) GC
297. 56.59923 (04032324) AT (533500.00, 4416000.00) GC
258. 59.96401 (04030208) AT (532000.00, 4416000.00) GC
298. 56.51497 (04083108) AT (531500.00, 4414000.00) GC
259. 59.94599c(04100108) AT (541500.00, 4419500.00) GC
299. 56.37160 (04071308) AT (532000.00, 4416500.00) GC
260. 59.50642 (04013108) AT (532500.00, 4415500.00) GC
300. 56.36145 (04121624) AT (534000.00, 4417000.00) GC
261. 59.46342 (04121624) AT (531500.00, 4416000.00) GC
301. 56.31779 (04092108) AT (534000.00, 4416500.00) GC
262. 59.44818 (04093008) AT (531500.00, 4414000.00) GC
302. 56.26544 (04091424) AT (533500.00, 4416000.00) GC
263. 59.44257c(04020208) AT (533000.00, 4417500.00) GC
303. 56.09482 (04012608) AT (532000.00, 4417500.00) GC
264. 59.41640 (04110908) AT (533000.00, 4416500.00) GC
304. 55.92913 (04051708) AT (533000.00, 4417500.00) GC
265. 59.28582 (04100208) AT (531500.00, 4414500.00) GC
305. 55.92884c(04052108) AT (532500.00, 4415000.00) GC
266. 59.26574 (04103108) AT (532000.00, 4416000.00) GC
306. 55.85896 (04012624) AT (533000.00, 4417500.00) GC
267. 59.25279 (04111308) AT (533000.00, 4416000.00) GC
307. 55.85401 (04091908) AT (534000.00, 4417500.00) GC
268. 59.21719 (04011024) AT (532000.00, 4416500.00) GC
308. 55.68880 (04120608) AT (533000.00, 4416000.00) GC
269. 59.17953 (04121008) AT (533000.00, 4416000.00) GC
309. 55.60668c(04052108) AT (532500.00, 4415500.00) GC
270. 59.01002 (04042008) AT (533000.00, 4417000.00) GC

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310.      55.56426 (04102708) AT ( 532000.00, 4416500.00)  GC
  271.      58.80107 (04030808) AT ( 533500.00, 4416000.00)  GC
311.      55.52506 (04111624) AT ( 534000.00, 4417500.00)  GC
  272.      58.66459 (04102224) AT ( 533500.00, 4416000.00)  GC
312.      55.32983 (04102408) AT ( 532500.00, 4415500.00)  GC
  273.      58.60198 (04092624) AT ( 534000.00, 4416500.00)  GC
313.      55.16734 (04030124) AT ( 531500.00, 4416000.00)  GC
  274.      58.56956 (04011008) AT ( 533500.00, 4416000.00)  GC
314.      55.04782 (04090208) AT ( 531500.00, 4414500.00)  GC
  275.      58.56615 (04092724) AT ( 531500.00, 4414000.00)  GC
315.      55.04714 (04052408) AT ( 534000.00, 4417500.00)  GC
  276.      58.39158 (04123108) AT ( 532000.00, 4416000.00)  GC
316.      54.96715 (04072308) AT ( 534000.00, 4417500.00)  GC
  277.      58.35176 (04122808) AT ( 534000.00, 4417500.00)  GC
317.      54.81521 (04092924) AT ( 533000.00, 4415500.00)  GC
  278.      58.26587 (04121608) AT ( 531500.00, 4414000.00)  GC
318.      54.72062 (04101108) AT ( 533500.00, 4416000.00)  GC
  279.      58.22861 (04090908) AT ( 531500.00, 4414500.00)  GC
319.      54.57035 (04093008) AT ( 533000.00, 4415500.00)  GC
  280.      58.04476 (04052224) AT ( 533500.00, 4416000.00)  GC
320.      54.56137 (04031124) AT ( 532500.00, 4415000.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/24/11
                                  ***
                                  ***        19:46:59

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 **MODELOPTs:  RegDFAULT CONC
  ELEV
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*** THE MAXIMUM 500 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***

INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
321.	54.45330	(04072108)	AT (534500.00, 4417500.00)	GC
361.	52.16012	(04101524)	AT (533500.00, 4416000.00)	GC
322.	54.40423	(04063008)	AT (533500.00, 4416000.00)	GC
362.	52.13353	(04050508)	AT (533500.00, 4416000.00)	GC
323.	54.12374c	(04121908)	AT (532000.00, 4416000.00)	GC
363.	52.11266	(04042024)	AT (533500.00, 4417500.00)	GC
324.	54.06780	(04110624)	AT (531500.00, 4414000.00)	GC
364.	51.98533	(04051908)	AT (533000.00, 4415500.00)	GC
325.	54.02992	(04080908)	AT (533500.00, 4416000.00)	GC
365.	51.98319	(04020508)	AT (532500.00, 4417500.00)	GC
326.	53.91639	(04121308)	AT (532000.00, 4417500.00)	GC
366.	51.82618	(04072608)	AT (531500.00, 4416000.00)	GC
327.	53.73110	(04102208)	AT (531500.00, 4414500.00)	GC
367.	51.81902	(04082108)	AT (532000.00, 4416000.00)	GC
328.	53.71631	(04101508)	AT (533000.00, 4415500.00)	GC
368.	51.70947	(04110524)	AT (533500.00, 4416000.00)	GC
329.	53.66602	(04102408)	AT (532000.00, 4415000.00)	GC
369.	51.70941	(04112708)	AT (533500.00, 4417500.00)	GC
330.	53.64275	(04031008)	AT (533500.00, 4418000.00)	GC
370.	51.70725	(04061308)	AT (531500.00, 4414000.00)	GC

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  331.      53.56329 (04110508) AT ( 531500.00, 4416000.00)  GC
371.      51.64640 (04092608) AT ( 533500.00, 4413500.00)  GC
  332.      53.46529 (04082108) AT ( 533000.00, 4417000.00)  GC
372.      51.60078 (04011024) AT ( 532500.00, 4416500.00)  GC
  333.      53.34728 (04103108) AT ( 533000.00, 4417000.00)  GC
373.      51.54676 (04112308) AT ( 533500.00, 4418000.00)  GC
  334.      53.30894 (04102208) AT ( 533500.00, 4416000.00)  GC
374.      51.47830 (04020124) AT ( 531500.00, 4416000.00)  GC
  335.      53.23992 (04101424) AT ( 533000.00, 4415500.00)  GC
375.      51.45059 (04110324) AT ( 534000.00, 4417500.00)  GC
  336.      53.20736 (04062608) AT ( 534000.00, 4417500.00)  GC
376.      51.45002 (04071308) AT ( 532000.00, 4416000.00)  GC
  337.      53.20346 (04103008) AT ( 531500.00, 4414500.00)  GC
377.      51.42436 (04103008) AT ( 533000.00, 4415500.00)  GC
  338.      53.15422 (04110908) AT ( 533000.00, 4417000.00)  GC
378.      51.37905 (04122908) AT ( 532000.00, 4416500.00)  GC
  339.      53.11282 (04031208) AT ( 532000.00, 4415000.00)  GC
379.      51.32949c(04100108) AT ( 541500.00, 4420000.00)  GC
  340.      53.06641 (04123024) AT ( 531500.00, 4414500.00)  GC
380.      51.32105 (04011924) AT ( 533000.00, 4417500.00)  GC
  341.      53.05944 (04100208) AT ( 531500.00, 4414000.00)  GC
381.      51.30909 (04100308) AT ( 533500.00, 4416500.00)  GC
  342.      53.01276 (04012624) AT ( 533500.00, 4417500.00)  GC
382.      51.29413 (04061808) AT ( 533500.00, 4416000.00)  GC
  343.      52.96171 (04082708) AT ( 533500.00, 4413500.00)  GC
383.      51.25469 (04092708) AT ( 533000.00, 4415500.00)  GC
  344.      52.90704 (04121008) AT ( 533500.00, 4416500.00)  GC
384.      51.24787 (04070408) AT ( 534000.00, 4417500.00)  GC
  345.      52.86849 (04031524) AT ( 531500.00, 4416000.00)  GC
385.      51.23643 (04080308) AT ( 532000.00, 4417500.00)  GC
  346.      52.84242 (04042908) AT ( 531500.00, 4414000.00)  GC
386.      51.21017 (04033108) AT ( 531500.00, 4416000.00)  GC
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  347.      52.84232 (04092808) AT ( 534000.00, 4417000.00)  GC
387.      51.20067 (04102108) AT ( 533000.00, 4415500.00)  GC
  348.      52.84036 (04091924) AT ( 531500.00, 4414000.00)  GC
388.      51.13356 (04061724) AT ( 534000.00, 4417500.00)  GC
  349.      52.83727 (04103108) AT ( 533500.00, 4416500.00)  GC
389.      51.12795 (04122908) AT ( 533000.00, 4416500.00)  GC
  350.      52.81239 (04040908) AT ( 534000.00, 4417500.00)  GC
390.      51.09820 (04080408) AT ( 533000.00, 4416000.00)  GC
  351.      52.78504 (04011108) AT ( 532000.00, 4416500.00)  GC
391.      51.07522 (04092924) AT ( 531500.00, 4414000.00)  GC
  352.      52.73448 (04121808) AT ( 533500.00, 4416000.00)  GC
392.      51.01551 (04032808) AT ( 534000.00, 4417500.00)  GC
  353.      52.72071 (04071308) AT ( 533000.00, 4417000.00)  GC
393.      51.00377 (04030224) AT ( 532000.00, 4417500.00)  GC
  354.      52.64265 (04080208) AT ( 533500.00, 4416000.00)  GC
394.      50.96709c(04052108) AT ( 532000.00, 4415000.00)  GC
  355.      52.63233 (04032008) AT ( 533500.00, 4416000.00)  GC
395.      50.93385 (04111224) AT ( 531500.00, 4414000.00)  GC
  356.      52.61882 (04042008) AT ( 532500.00, 4417500.00)  GC
396.      50.84750 (04082808) AT ( 534000.00, 4416500.00)  GC
  357.      52.54031 (04091624) AT ( 533500.00, 4416000.00)  GC
397.      50.84601 (04060508) AT ( 531500.00, 4416000.00)  GC
  358.      52.53865 (04040924) AT ( 533500.00, 4417000.00)  GC
398.      50.74663 (04022924) AT ( 533000.00, 4416500.00)  GC
  359.      52.34667 (04111308) AT ( 532500.00, 4415500.00)  GC
399.      50.74333 (04121008) AT ( 531500.00, 4414500.00)  GC
  360.      52.34527 (04123108) AT ( 533500.00, 4416500.00)  GC
400.      50.73231 (04012508) AT ( 533500.00, 4418000.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/24/11
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                                   ***        19:46:59
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**MODELOPTs: RegDFAULT CONC
 ELEV

*** THE MAXIMUM 500   8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: 2ALT   ***
INCLUDING SOURCE(S):   BACA1A , BACA1B , ON.ISIT.,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE		RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
401.	50.63711	(04082308)	(534500.00, 4417000.00)	GC	441.	49.26914	(04082308)	(533000.00, 4416000.00)	GC
402.	50.62032	(04042908)	(533000.00, 4415500.00)	GC	442.	49.26879	(04112824)	(533500.00, 4417500.00)	GC
403.	50.59004	(04082108)	(533500.00, 4416500.00)	GC	443.	49.25746	(04020124)	(533500.00, 4417500.00)	GC
404.	50.55879	(04021808)	(532500.00, 4416000.00)	GC	444.	49.24911	(04123108)	(532500.00, 4416000.00)	GC
405.	50.48411	(04062424)	(534000.00, 4417500.00)	GC	445.	49.12378	(04102124)	(533000.00, 4416000.00)	GC
406.	50.47874	(04041208)	(533000.00, 4415500.00)	GC	446.	48.97314	(04100308)	(532500.00, 4416000.00)	GC
407.	50.45550	(04030208)	(532500.00, 4417000.00)	GC					

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447.      48.92724 (04101124) AT ( 534000.00, 4417500.00)  GC
  408.      50.44578 (04042008) AT ( 534000.00, 4417500.00)  GC
448.      48.92209 (04030824) AT ( 528500.00, 4414500.00)  GC
  409.      50.44563 (04022924) AT ( 533500.00, 4417000.00)  GC
449.      48.84904 (04122808) AT ( 533500.00, 4417500.00)  GC
  410.      50.35470c(04100108) AT ( 542000.00, 4419500.00)  GC
450.      48.84218 (04092024) AT ( 533500.00, 4416000.00)  GC
  411.      50.34543 (04013108) AT ( 533000.00, 4415500.00)  GC
451.      48.81393 (04092708) AT ( 533000.00, 4416000.00)  GC
  412.      50.32656 (04051908) AT ( 532500.00, 4415000.00)  GC
452.      48.78167 (04111308) AT ( 532500.00, 4415000.00)  GC
  413.      50.26053 (04111308) AT ( 532000.00, 4414500.00)  GC
453.      48.75369 (04102424) AT ( 531500.00, 4414000.00)  GC
  414.      50.22896 (04083008) AT ( 531500.00, 4414500.00)  GC
454.      48.73747 (04081308) AT ( 534000.00, 4417500.00)  GC
  415.      50.22845 (04111408) AT ( 533500.00, 4416000.00)  GC
455.      48.71670 (04121008) AT ( 532000.00, 4415500.00)  GC
  416.      50.17415c(04121908) AT ( 533000.00, 4416000.00)  GC
456.      48.68578 (04031208) AT ( 532500.00, 4414500.00)  GC
  417.      50.10616 (04021724) AT ( 533000.00, 4415500.00)  GC
457.      48.66107 (04100308) AT ( 532000.00, 4416000.00)  GC
  418.      50.04347 (04102008) AT ( 532500.00, 4416500.00)  GC
458.      48.63679 (04093008) AT ( 533000.00, 4415000.00)  GC
  419.      50.03516 (04050308) AT ( 534000.00, 4417500.00)  GC
459.      48.62184 (04011724) AT ( 531500.00, 4416000.00)  GC
  420.      49.99598 (04121008) AT ( 532000.00, 4414500.00)  GC
460.      48.60384 (04082308) AT ( 531500.00, 4414500.00)  GC
  421.      49.89677 (04030908) AT ( 531500.00, 4416000.00)  GC
461.      48.56589c(04110108) AT ( 532000.00, 4415000.00)  GC
  422.      49.85523 (04030224) AT ( 532500.00, 4417500.00)  GC
462.      48.49440 (04060708) AT ( 531500.00, 4414500.00)  GC
  423.      49.84424 (04111824) AT ( 533500.00, 4416000.00)  GC
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463. 48.48844 (04032408) AT (533500.00, 4416000.00) GC
424. 49.78880 (04082108) AT (534000.00, 4417500.00) GC
464. 48.44580 (04092108) AT (531500.00, 4414500.00) GC
425. 49.76893 (04121708) AT (534000.00, 4417500.00) GC
465. 48.41142 (04123124) AT (532500.00, 4410500.00) GC
426. 49.75289 (04012708) AT (533500.00, 4418000.00) GC
466. 48.39033 (04101124) AT (533500.00, 4418000.00) GC
427. 49.66963 (04102108) AT (532500.00, 4415000.00) GC
467. 48.34407 (04020408) AT (528500.00, 4414500.00) GC
428. 49.61679 (04013108) AT (532000.00, 4415000.00) GC
468. 48.29971 (04102708) AT (531500.00, 4416500.00) GC
429. 49.59272 (04102624) AT (533500.00, 4417000.00) GC
469. 48.18264 (04120824) AT (531500.00, 4416500.00) GC
430. 49.59025 (04013108) AT (532500.00, 4415000.00) GC
470. 48.16713 (04092924) AT (534500.00, 4417000.00) GC
431. 49.56456 (04120524) AT (534000.00, 4417500.00) GC
471. 48.12177 (04082808) AT (534500.00, 4417000.00) GC
432. 49.49494 (04033108) AT (534000.00, 4417000.00) GC
472. 47.92661 (04102708) AT (533000.00, 4416500.00) GC
433. 49.47060 (04122908) AT (532500.00, 4416500.00) GC
473. 47.91301c(04121908) AT (532000.00, 4415500.00) GC
434. 49.44929 (04102008) AT (533000.00, 4416500.00) GC
474. 47.89640 (04021708) AT (534500.00, 4417500.00) GC
435. 49.42987 (04080308) AT (532500.00, 4417500.00) GC
475. 47.89185c(04031908) AT (534000.00, 4417500.00) GC
436. 49.41233 (04120124) AT (533500.00, 4417500.00) GC
476. 47.88454 (04090408) AT (534500.00, 4417000.00) GC
437. 49.39199 (04110908) AT (532000.00, 4416500.00) GC
477. 47.82714 (04102324) AT (534500.00, 4417000.00) GC
438. 49.33652 (04102108) AT (532500.00, 4415500.00) GC
478. 47.81295c(04031908) AT (532500.00, 4417500.00) GC
439. 49.32521c(04110108) AT (532000.00, 4414500.00) GC

479. 47.80439 (04021708) AT (533000.00, 4417500.00) GC
  440. 49.28119 (04080508) AT (531500.00, 4416000.00) GC
480. 47.78603 (04030208) AT (532500.00, 4416000.00) GC

 **MODELOPTs: RegDFAULT CONC
  ELEV

*** THE MAXIMUM 500 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

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

 RANK CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE RANK CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE
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  484.      47.57809 (04011824) AT ( 533000.00, 4423000.00)  GC
494.      47.09759 (04061508) AT ( 534000.00, 4417000.00)  GC
  485.      47.55795 (04051708) AT ( 533500.00, 4417500.00)  GC
495.      47.04977 (04092724) AT ( 531000.00, 4413500.00)  GC
  486.      47.52488 (04031124) AT ( 532000.00, 4414500.00)  GC
496.      46.97441 (04123108) AT ( 532500.00, 4417000.00)  GC
  487.      47.45478c(04020208) AT ( 532500.00, 4417500.00)  GC
497.      46.88034 (04021808) AT ( 533500.00, 4416500.00)  GC
  488.      47.42685 (04101708) AT ( 531500.00, 4414500.00)  GC
498.      46.84456 (04031208) AT ( 532000.00, 4414000.00)  GC
  489.      47.41343 (04041308) AT ( 532500.00, 4416500.00)  GC
499.      46.83401 (04122208) AT ( 532000.00, 4416500.00)  GC
  490.      47.29389 (04102324) AT ( 533000.00, 4416000.00)  GC
500.      46.82509 (04122808) AT ( 533000.00, 4416500.00)  GC

  *** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/24/11
                                  ***
                                  ***        19:46:59

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 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                  *** THE MAXIMUM  500   8-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  3ALT-KUM ***
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INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
1.	338.57283	(04110608)	AT	(534000.00, 4417500.00)	GC	41.	102.38963	(04041124)	AT	(534000.00, 4417500.00)	GC
2.	227.88418	(04112908)	AT	(534000.00, 4417500.00)	GC	42.	102.17710	(04031208)	AT	(533000.00, 4415500.00)	GC
3.	211.10613	(04021708)	AT	(534000.00, 4417500.00)	GC	43.	102.15047	(04012408)	AT	(534000.00, 4417500.00)	GC
4.	178.76038	(04110608)	AT	(533500.00, 4417500.00)	GC	44.	99.07491	(04030208)	AT	(532500.00, 4416500.00)	GC
5.	167.39854	(04021624)	AT	(534000.00, 4417500.00)	GC	45.	98.33672	(04041308)	AT	(533500.00, 4417000.00)	GC
6.	164.49150	(04012524)	AT	(534000.00, 4417500.00)	GC	46.	98.30018	(04082108)	AT	(533500.00, 4417000.00)	GC
7.	153.34470	(04121224)	AT	(534000.00, 4417500.00)	GC	47.	98.15458	(04030208)	AT	(533000.00, 4416500.00)	GC
8.	147.53935	(04110608)	AT	(532000.00, 4417500.00)	GC	48.	97.52984	(04032124)	AT	(534000.00, 4417500.00)	GC
9.	138.66810	(04123108)	AT	(533500.00, 4417000.00)	GC	49.	97.49111	(04102008)	AT	(533500.00, 4417000.00)	GC
10.	135.92357	(04012524)	AT	(533500.00, 4417500.00)	GC	50.	97.45368	(04072908)	AT	(534000.00, 4417500.00)	GC
11.	131.37746	(04092624)	AT	(533500.00, 4416000.00)	GC	51.	96.43244	(04110624)	AT	(533500.00, 4416000.00)	GC

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   12.     130.25936 (04020508) AT ( 534000.00, 4417500.00)  GC
52.      95.49951 (04071308) AT ( 533500.00, 4417000.00)  GC
   13.     125.34617 (04012608) AT ( 533500.00, 4417500.00)  GC
53.      94.80329 (04101708) AT ( 533500.00, 4416000.00)  GC
   14.     125.13876 (04092724) AT ( 533500.00, 4416000.00)  GC
54.      94.58936 (04090208) AT ( 533500.00, 4416000.00)  GC
   15.     124.69401 (04110608) AT ( 532500.00, 4417500.00)  GC
55.      94.52296 (04020408) AT ( 533500.00, 4417000.00)  GC
   16.     124.14832 (04121308) AT ( 534000.00, 4417500.00)  GC
56.      94.31744 (04092708) AT ( 533500.00, 4416000.00)  GC
   17.     123.86290 (04021708) AT ( 533500.00, 4417500.00)  GC
57.      94.00652 (04030208) AT ( 533000.00, 4417000.00)  GC
   18.     122.44301 (04091608) AT ( 533500.00, 4416000.00)  GC
58.      93.92900 (04101208) AT ( 534000.00, 4417500.00)  GC
   19.     121.03956 (04102508) AT ( 533500.00, 4416000.00)  GC
59.      93.17223 (04012524) AT ( 532500.00, 4417500.00)  GC
   20.     118.74036 (04110208) AT ( 533500.00, 4416000.00)  GC
60.      92.73056 (04011924) AT ( 533500.00, 4417500.00)  GC
   21.     118.67178 (04092924) AT ( 533500.00, 4416000.00)  GC
61.      92.09161 (04123108) AT ( 532000.00, 4416500.00)  GC
   22.     118.22749 (04012608) AT ( 534000.00, 4417500.00)  GC
62.      91.88617 (04091324) AT ( 533500.00, 4416000.00)  GC
   23.     118.00713 (04030224) AT ( 534000.00, 4417500.00)  GC
63.      91.60232 (04103108) AT ( 533500.00, 4417000.00)  GC
   24.     117.94557 (04103008) AT ( 533500.00, 4416000.00)  GC
64.      91.42113 (04112308) AT ( 534000.00, 4417500.00)  GC
   25.     116.44811 (04021624) AT ( 533500.00, 4417500.00)  GC
65.      91.32714 (04102924) AT ( 533500.00, 4416000.00)  GC
   26.     116.25432 (04080308) AT ( 534000.00, 4417500.00)  GC
66.      90.23829 (04011924) AT ( 534000.00, 4417500.00)  GC
   27.     115.84226 (04030208) AT ( 533500.00, 4417000.00)  GC
67.      89.87692 (04092808) AT ( 531500.00, 4416000.00)  GC
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   28.     114.52458 (04061308) AT ( 533500.00, 4416000.00)  GC
68.       89.72277 (04092108) AT ( 533500.00, 4416000.00)  GC
   29.     111.87780 (04092008) AT ( 533500.00, 4416000.00)  GC
69.       89.65185 (04082208) AT ( 533000.00, 4417500.00)  GC
   30.     110.73989 (04083108) AT ( 533500.00, 4416000.00)  GC
70.       89.57399 (04121308) AT ( 533500.00, 4417500.00)  GC
   31.     110.58762 (04111224) AT ( 533500.00, 4416000.00)  GC
71.       89.02411c(04121908) AT ( 532500.00, 4416500.00)  GC
   32.     110.40179 (04042008) AT ( 533000.00, 4417500.00)  GC
72.       88.84207 (04123024) AT ( 533500.00, 4416000.00)  GC
   33.     110.13294c(04121908) AT ( 533000.00, 4416500.00)  GC
73.       88.22356 (04123108) AT ( 533000.00, 4416500.00)  GC
   34.     108.25479 (04112908) AT ( 533500.00, 4417500.00)  GC
74.       88.15132 (04112908) AT ( 532000.00, 4417500.00)  GC
   35.     106.86782 (04121224) AT ( 533500.00, 4417500.00)  GC
75.       87.65499 (04021708) AT ( 532000.00, 4417500.00)  GC
   36.     106.13506 (04111324) AT ( 533500.00, 4416000.00)  GC
76.       87.42463 (04102624) AT ( 531500.00, 4416000.00)  GC
   37.     105.36105 (04090908) AT ( 533500.00, 4416000.00)  GC
77.       86.50969c(04031908) AT ( 533000.00, 4417500.00)  GC
   38.     103.72717c(04110108) AT ( 533500.00, 4416000.00)  GC
78.       85.96725 (04123108) AT ( 532500.00, 4416500.00)  GC
   39.     102.54346 (04012608) AT ( 533000.00, 4417500.00)  GC
79.       85.95953 (04092208) AT ( 533000.00, 4415500.00)  GC
   40.     102.50036 (04100208) AT ( 533500.00, 4416000.00)  GC
80.       85.80294 (04091308) AT ( 533500.00, 4416000.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/24/11
                                  ***
                                   ***       19:46:59

                                             PAGE 139
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**MODELOPTs: RegDFAULT CONC
 ELEV

*** THE MAXIMUM 500   8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S):   BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
81.	85.54589	(04110908)	(533500.00, 4417000.00) GC	121.	76.70914	(04092824)	(534000.00, 4417500.00) GC
82.	85.37687	(04123124)	(533500.00, 4413500.00) GC	122.	76.58564	(04121608)	(533500.00, 4416000.00) GC
83.	84.93519	(04011024)	(533500.00, 4417000.00) GC	123.	76.48797	(04011108)	(533500.00, 4417000.00) GC
84.	84.81415	(04110524)	(534000.00, 4417500.00) GC	124.	76.36081	(04072108)	(534000.00, 4417500.00) GC
85.	84.79047	(04030308)	(531500.00, 4416000.00) GC	125.	76.32740	(04121008)	(533000.00, 4415500.00) GC
86.	84.20614	(04091924)	(533500.00, 4416000.00) GC	126.	76.16762	(04122908)	(533500.00, 4417000.00) GC
87.	84.17963	(04102508)	(531500.00, 4414000.00) GC	127.	76.09879	(04010324)	(534000.00, 4417500.00) GC
88.	84.00291	(04111308)	(533000.00, 4415500.00) GC				

128. 76.00231 (04012424) AT (533000.00, 4418500.00) GC
89. 83.45754 (04021708) AT (532500.00, 4417500.00) GC
129. 75.38001 (04021808) AT (533500.00, 4417000.00) GC
90. 83.45614 (04111308) AT (533500.00, 4416000.00) GC
130. 75.35983 (04020508) AT (533500.00, 4417500.00) GC
91. 83.37872 (04082808) AT (533500.00, 4416000.00) GC
131. 75.09269 (04112908) AT (534500.00, 4417500.00) GC
92. 83.21827 (04041208) AT (533500.00, 4416000.00) GC
132. 75.08478 (04012524) AT (533000.00, 4417500.00) GC
93. 83.02254 (04091408) AT (533500.00, 4416000.00) GC
133. 74.44517 (04100308) AT (533000.00, 4416500.00) GC
94. 82.88611 (04082208) AT (533500.00, 4417500.00) GC
134. 74.43429 (04031208) AT (532000.00, 4414500.00) GC
95. 82.30723 (04012608) AT (532500.00, 4417500.00) GC
135. 74.26568 (04020408) AT (531500.00, 4416000.00) GC
96. 82.11308c(04020208) AT (534000.00, 4417500.00) GC
136. 74.14984 (04103124) AT (533500.00, 4416000.00) GC
97. 82.08094 (04071208) AT (533500.00, 4416000.00) GC
137. 73.98568 (04090108) AT (531500.00, 4416000.00) GC
98. 82.01643 (04102424) AT (533500.00, 4416000.00) GC
138. 73.92456 (04042524) AT (533500.00, 4416000.00) GC
99. 81.62477 (04060924) AT (534000.00, 4417500.00) GC
139. 73.71008 (04101508) AT (533500.00, 4416000.00) GC
100. 81.38524 (04092924) AT (531500.00, 4414500.00) GC
140. 73.65354 (04011824) AT (533000.00, 4423500.00) GC
101. 81.21532 (04083008) AT (533500.00, 4416000.00) GC
141. 73.49657 (04090808) AT (533500.00, 4416000.00) GC
102. 81.08118c(04121908) AT (533500.00, 4417000.00) GC
142. 73.12316 (04102208) AT (533000.00, 4416000.00) GC
103. 80.69989 (04030824) AT (531500.00, 4416000.00) GC
143. 73.06187 (04021808) AT (533000.00, 4416500.00) GC
104. 80.14079 (04062508) AT (534000.00, 4417500.00) GC

144. 73.02152 (04112908) AT (532500.00, 4417500.00) GC
105. 79.67640c(04110108) AT (533000.00, 4415500.00) GC
145. 72.80399 (04021624) AT (532000.00, 4417500.00) GC
106. 79.49264 (04112824) AT (534000.00, 4417500.00) GC
146. 72.72581 (04042024) AT (534000.00, 4417500.00) GC
107. 79.11489 (04102908) AT (533500.00, 4416000.00) GC
147. 72.52397 (04030224) AT (533500.00, 4417500.00) GC
108. 79.05714c(04110108) AT (531500.00, 4414500.00) GC
148. 72.52239 (04080308) AT (533500.00, 4417500.00) GC
109. 79.02084 (04020408) AT (533000.00, 4416500.00) GC
149. 72.42859 (04092108) AT (534500.00, 4417000.00) GC
110. 78.47088c(04121908) AT (532500.00, 4416000.00) GC
150. 72.21557 (04102508) AT (533000.00, 4415500.00) GC
111. 78.36490 (04012524) AT (532000.00, 4417500.00) GC
151. 72.09550 (04011524) AT (533000.00, 4418500.00) GC
112. 78.27641 (04021624) AT (532500.00, 4417500.00) GC
152. 71.85024 (04121224) AT (532500.00, 4417500.00) GC
113. 78.21677 (04011808) AT (534000.00, 4417500.00) GC
153. 71.76433 (04082308) AT (533500.00, 4416000.00) GC
114. 78.12639 (04071124) AT (534000.00, 4417500.00) GC
154. 71.14072 (04081408) AT (533500.00, 4416000.00) GC
115. 78.05042 (04091608) AT (531500.00, 4414500.00) GC
155. 70.87946 (04093008) AT (533500.00, 4416000.00) GC
116. 77.99385 (04102708) AT (533500.00, 4417000.00) GC
156. 70.82935 (04040908) AT (533500.00, 4416000.00) GC
117. 77.60974 (04122424) AT (531500.00, 4416000.00) GC
157. 70.78344 (04020408) AT (532000.00, 4416000.00) GC
118. 77.07885 (04031208) AT (532500.00, 4415000.00) GC
158. 70.74665 (04111308) AT (531500.00, 4414500.00) GC
119. 76.89404 (04020408) AT (532500.00, 4416500.00) GC
159. 70.67359c(04121908) AT (533000.00, 4417000.00) GC
120. 76.85081 (04042008) AT (533500.00, 4417500.00) GC

160. 70.51396 (04121008) AT (532500.00, 4415500.00) GC
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/24/11
 ***
 *** 19:46:59

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 **MODELOPTs: RegDFAULT CONC
  ELEV

 *** THE MAXIMUM 500 8-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
 INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

 RANK CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE RANK
  CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE
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  165.      69.75613 (04122208) AT ( 533500.00, 4417000.00)  GC
205.      64.83720 (04111308) AT ( 532000.00, 4415000.00)  GC
  166.      69.59388c(04031908) AT ( 533500.00, 4417500.00)  GC
206.      64.60201 (04110208) AT ( 531500.00, 4414500.00)  GC
  167.      69.45424 (04092424) AT ( 533500.00, 4416000.00)  GC
207.      64.59506 (04102508) AT ( 531500.00, 4414500.00)  GC
  168.      69.43530 (04091108) AT ( 533500.00, 4416000.00)  GC
208.      64.56509 (04102708) AT ( 531500.00, 4416000.00)  GC
  169.      69.33358 (04052208) AT ( 533500.00, 4416000.00)  GC
209.      64.52142 (04102008) AT ( 531500.00, 4416000.00)  GC
  170.      69.04245 (04111424) AT ( 533500.00, 4416000.00)  GC
210.      64.25157 (04102824) AT ( 533500.00, 4416000.00)  GC
  171.      68.97428 (04103108) AT ( 533000.00, 4416500.00)  GC
211.      64.19732 (04110908) AT ( 532500.00, 4416500.00)  GC
  172.      68.80285 (04123108) AT ( 533000.00, 4417000.00)  GC
212.      64.13239c(04110124) AT ( 533500.00, 4416000.00)  GC
  173.      68.70103 (04040708) AT ( 531500.00, 4416000.00)  GC
213.      63.97487 (04122208) AT ( 532500.00, 4416500.00)  GC
  174.      68.58456 (04042908) AT ( 533500.00, 4416000.00)  GC
214.      63.92011 (04103108) AT ( 531500.00, 4416000.00)  GC
  175.      68.57601 (04042608) AT ( 533500.00, 4416000.00)  GC
215.      63.90622 (04101508) AT ( 531500.00, 4414500.00)  GC
  176.      68.32400 (04092208) AT ( 532500.00, 4415000.00)  GC
216.      63.84944 (04121608) AT ( 533000.00, 4415500.00)  GC
  177.      68.15565 (04020408) AT ( 533000.00, 4417000.00)  GC
217.      63.78525 (04031208) AT ( 532500.00, 4415500.00)  GC
  178.      67.91527 (04110608) AT ( 534500.00, 4417500.00)  GC
218.      63.66819 (04111324) AT ( 531500.00, 4414500.00)  GC
  179.      67.76888 (04071308) AT ( 533000.00, 4416500.00)  GC
219.      63.61593c(04121908) AT ( 533500.00, 4416500.00)  GC
  180.      67.72908 (04041008) AT ( 531500.00, 4416000.00)  GC
220.      63.61497 (04032308) AT ( 534000.00, 4417500.00)  GC
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  181.      67.70523 (04122208) AT ( 533000.00, 4416500.00)  GC
221.      63.33404 (04120824) AT ( 533500.00, 4417000.00)  GC
  182.      67.28109 (04083108) AT ( 531500.00, 4414500.00)  GC
222.      63.21246 (04121008) AT ( 533500.00, 4416000.00)  GC
  183.      67.26865 (04010324) AT ( 533500.00, 4417500.00)  GC
223.      63.20340 (04092208) AT ( 532500.00, 4415500.00)  GC
  184.      67.06657 (04102008) AT ( 532000.00, 4416500.00)  GC
224.      63.16851 (04041708) AT ( 533500.00, 4416000.00)  GC
  185.      66.96105 (04072708) AT ( 533500.00, 4416000.00)  GC
225.      63.06628 (04021808) AT ( 532500.00, 4416500.00)  GC
  186.      66.72473 (04092708) AT ( 531500.00, 4414500.00)  GC
226.      62.98969 (04092624) AT ( 531500.00, 4414500.00)  GC
  187.      66.43819 (04092208) AT ( 533000.00, 4416000.00)  GC
227.      62.89314 (04092908) AT ( 534500.00, 4417000.00)  GC
  188.      66.41734 (04071308) AT ( 532500.00, 4416500.00)  GC
228.      62.89109 (04021624) AT ( 533000.00, 4417500.00)  GC
  189.      66.35682 (04121224) AT ( 533000.00, 4417500.00)  GC
229.      62.79215 (04100308) AT ( 533500.00, 4417000.00)  GC
  190.      66.23246 (04103008) AT ( 531500.00, 4414000.00)  GC
230.      62.72599 (04060708) AT ( 533500.00, 4416000.00)  GC
  191.      66.19484 (04120124) AT ( 534000.00, 4417500.00)  GC
231.      62.70941 (04072408) AT ( 533500.00, 4416000.00)  GC
  192.      66.13777 (04020124) AT ( 534000.00, 4417500.00)  GC
232.      62.67080 (04092208) AT ( 532000.00, 4414500.00)  GC
  193.      65.89531 (04121008) AT ( 532000.00, 4415000.00)  GC
233.      62.62170 (04100308) AT ( 532500.00, 4416500.00)  GC
  194.      65.77775 (04092008) AT ( 531500.00, 4414000.00)  GC
234.      62.56399 (04082108) AT ( 532500.00, 4416500.00)  GC
  195.      65.69562 (04020224) AT ( 534000.00, 4417500.00)  GC
235.      62.52360 (04071308) AT ( 533500.00, 4416500.00)  GC
  196.      65.68064 (04121224) AT ( 532000.00, 4417500.00)  GC
236.      62.32862 (04102408) AT ( 533500.00, 4416000.00)  GC
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  197.   65.60072 (04042524) AT (531500.00, 4414000.00) GC
237.   62.24998 (04111224) AT (531500.00, 4414500.00) GC
  198.   65.51798 (04090824) AT (533500.00, 4416000.00) GC
238.   62.07877 (04121308) AT (533000.00, 4417500.00) GC
  199.   65.47106 (04041208) AT (531500.00, 4414500.00) GC
239.   62.07818 (04040424) AT (534000.00, 4417500.00) GC
  200.   65.42732 (04042708) AT (534000.00, 4417500.00) GC
240.   62.01589c(04052108) AT (533000.00, 4415500.00) GC
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/24/11
                                   ***
                                   ***   19:46:59

                                              PAGE 141

 **MODELOPTs: RegDFAULT CONC
  ELEV

                                  *** THE MAXIMUM 500   8-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 3ALT-KUM ***
                                   INCLUDING SOURCE(S):   BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE
 -
- -
  241.   61.68287 (04011924) AT (532500.00, 4417500.00) GC

281. 58.12932 (04052224) AT (533500.00, 4416000.00) GC
242. 61.46055 (04110908) AT (533000.00, 4416500.00) GC
282. 58.11016 (04120324) AT (533000.00, 4417500.00) GC
243. 61.31498 (04102408) AT (533000.00, 4416000.00) GC
283. 58.06439 (04110208) AT (531500.00, 4414000.00) GC
244. 61.29146 (04082608) AT (533500.00, 4416000.00) GC
284. 57.75535 (04110908) AT (533000.00, 4417000.00) GC
245. 61.14626 (04082208) AT (534000.00, 4417500.00) GC
285. 57.60597 (04030608) AT (534000.00, 4417500.00) GC
246. 60.99546 (04123108) AT (531500.00, 4416500.00) GC
286. 57.60055 (04020408) AT (532000.00, 4416500.00) GC
247. 60.79950 (04121308) AT (532500.00, 4417500.00) GC
287. 57.35170 (04102408) AT (532500.00, 4415500.00) GC
248. 60.79672 (04123024) AT (533000.00, 4415500.00) GC
288. 57.31022 (04100608) AT (534000.00, 4417500.00) GC
249. 60.77866 (04103024) AT (531500.00, 4416000.00) GC
289. 57.29060 (04082208) AT (532500.00, 4417500.00) GC
250. 60.73074 (04121008) AT (532500.00, 4415000.00) GC
290. 57.19340 (04092208) AT (533500.00, 4416500.00) GC
251. 60.70356 (04080408) AT (533500.00, 4416000.00) GC
291. 57.06522 (04090708) AT (533500.00, 4416000.00) GC
252. 60.67700 (04031124) AT (533000.00, 4415500.00) GC
292. 57.03958 (04092308) AT (534000.00, 4417500.00) GC
253. 60.55288 (04082108) AT (532000.00, 4416500.00) GC
293. 56.99288 (04020224) AT (533500.00, 4417500.00) GC
254. 60.50095 (04082108) AT (533000.00, 4416500.00) GC
294. 56.89417 (04051708) AT (533000.00, 4417500.00) GC
255. 60.49543 (04082508) AT (533500.00, 4416000.00) GC
295. 56.88621c(04052108) AT (532500.00, 4415500.00) GC
256. 60.47392 (04020408) AT (533500.00, 4416500.00) GC
296. 56.75117 (04060408) AT (533500.00, 4416000.00) GC
257. 60.44741 (04102408) AT (533000.00, 4415500.00) GC

297. 56.73566 (04080508) AT (533500.00, 4417000.00) GC
258. 60.22746 (04112708) AT (534000.00, 4417500.00) GC
298. 56.62033 (04102124) AT (533500.00, 4416000.00) GC
259. 60.03097 (04013108) AT (532500.00, 4415500.00) GC
299. 56.60715 (04102908) AT (531500.00, 4414000.00) GC
260. 60.01220c(04100108) AT (541500.00, 4419500.00) GC
300. 56.60406 (04020508) AT (532000.00, 4417500.00) GC
261. 60.00665 (04030208) AT (532000.00, 4416000.00) GC
301. 56.60043 (04032324) AT (533500.00, 4416000.00) GC
262. 59.66781 (04111308) AT (533000.00, 4416000.00) GC
302. 56.58376c(04052108) AT (532500.00, 4415000.00) GC
263. 59.63318 (04103108) AT (532000.00, 4416000.00) GC
303. 56.57969 (04083108) AT (531500.00, 4414000.00) GC
264. 59.60850 (04100208) AT (531500.00, 4414500.00) GC
304. 56.55014 (04091908) AT (534000.00, 4417500.00) GC
265. 59.49070 (04093008) AT (531500.00, 4414000.00) GC
305. 56.44503 (04092108) AT (534000.00, 4416500.00) GC
266. 59.46377 (04121624) AT (531500.00, 4416000.00) GC
306. 56.43876 (04071308) AT (532000.00, 4416500.00) GC
267. 59.45453c(04020208) AT (533000.00, 4417500.00) GC
307. 56.36146 (04121624) AT (534000.00, 4417000.00) GC
268. 59.21830 (04011024) AT (532000.00, 4416500.00) GC
308. 56.31860 (04091424) AT (533500.00, 4416000.00) GC
269. 59.20281 (04121008) AT (533000.00, 4416000.00) GC
309. 56.09514 (04012608) AT (532000.00, 4417500.00) GC
270. 59.05582 (04042008) AT (533000.00, 4417000.00) GC
310. 55.86595 (04012624) AT (533000.00, 4417500.00) GC
271. 58.84864 (04030808) AT (533500.00, 4416000.00) GC
311. 55.71243 (04120608) AT (533000.00, 4416000.00) GC
272. 58.66871 (04102224) AT (533500.00, 4416000.00) GC
312. 55.60219 (04102708) AT (532000.00, 4416500.00) GC
273. 58.65810 (04092624) AT (534000.00, 4416500.00) GC

313. 55.60119 (04103108) AT (533000.00, 4417000.00) GC
  274. 58.61433 (04092724) AT (531500.00, 4414000.00) GC
314. 55.52576 (04111624) AT (534000.00, 4417500.00) GC
  275. 58.56956 (04011008) AT (533500.00, 4416000.00) GC
315. 55.52492 (04031124) AT (532500.00, 4415000.00) GC
  276. 58.39770 (04123108) AT (532000.00, 4416000.00) GC
316. 55.18373 (04090208) AT (531500.00, 4414500.00) GC
  277. 58.35255 (04122808) AT (534000.00, 4417500.00) GC
317. 55.16806 (04030124) AT (531500.00, 4416000.00) GC
  278. 58.32076 (04090908) AT (531500.00, 4414500.00) GC
318. 55.11087 (04052408) AT (534000.00, 4417500.00) GC
  279. 58.26648 (04121608) AT (531500.00, 4414000.00) GC
319. 55.04699 (04072308) AT (534000.00, 4417500.00) GC
  280. 58.23282 (04103108) AT (532000.00, 4416500.00) GC
320. 54.96079 (04111308) AT (532500.00, 4415500.00) GC
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/24/11
 ***
 *** 19:46:59

**MODELOPTs: RegDFAULT CONC
 ELEV

*** THE MAXIMUM 500 8-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
 INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

** CONC OF NOX IN

MICROGRAMS/M**3 **

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 RANK         CONC     (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE     RANK
       CONC     (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
  321.      54.87552 (04092924) AT ( 533000.00, 4415500.00)  GC
361.      52.17479 (04050508) AT ( 533500.00, 4416000.00)  GC
  322.      54.81392 (04101108) AT ( 533500.00, 4416000.00)  GC
362.      52.16020 (04101524) AT ( 533500.00, 4416000.00)  GC
  323.      54.76280 (04093008) AT ( 533000.00, 4415500.00)  GC
363.      52.12049 (04042024) AT ( 533500.00, 4417500.00)  GC
  324.      54.53174 (04063008) AT ( 533500.00, 4416000.00)  GC
364.      52.09704 (04051908) AT ( 533000.00, 4415500.00)  GC
  325.      54.46857 (04072108) AT ( 534500.00, 4417500.00)  GC
365.      51.99610 (04092608) AT ( 533500.00, 4413500.00)  GC
  326.      54.20375c(04121908) AT ( 532000.00, 4416000.00)  GC
366.      51.98380 (04020508) AT ( 532500.00, 4417500.00)  GC
  327.      54.09229 (04080908) AT ( 533500.00, 4416000.00)  GC
367.      51.88511 (04072608) AT ( 531500.00, 4416000.00)  GC
  328.      54.06806 (04110624) AT ( 531500.00, 4414000.00)  GC
368.      51.85959 (04082108) AT ( 532000.00, 4416000.00)  GC
  329.      53.94588 (04102408) AT ( 532000.00, 4415000.00)  GC
369.      51.84065 (04033108) AT ( 531500.00, 4416000.00)  GC
  330.      53.94382 (04102208) AT ( 531500.00, 4414500.00)  GC
370.      51.79301 (04061308) AT ( 531500.00, 4414000.00)  GC
  331.      53.91666 (04121308) AT ( 532000.00, 4417500.00)  GC
371.      51.71009 (04112708) AT ( 533500.00, 4417500.00)  GC
  332.      53.78449 (04101508) AT ( 533000.00, 4415500.00)  GC
372.      51.70954 (04110524) AT ( 533500.00, 4416000.00)  GC
  333.      53.66292 (04031008) AT ( 533500.00, 4418000.00)  GC
373.      51.60772 (04011024) AT ( 532500.00, 4416500.00)  GC
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  334.      53.60265 (04110508) AT ( 531500.00, 4416000.00)  GC
374.      51.57008 (04102108) AT ( 533000.00, 4415500.00)  GC
  335.      53.55885 (04082108) AT ( 533000.00, 4417000.00)  GC
375.      51.56748 (04103008) AT ( 533000.00, 4415500.00)  GC
  336.      53.51520 (04102208) AT ( 533500.00, 4416000.00)  GC
376.      51.54705 (04112308) AT ( 533500.00, 4418000.00)  GC
  337.      53.44756 (04031208) AT ( 532000.00, 4415000.00)  GC
377.      51.53864 (04122908) AT ( 532000.00, 4416500.00)  GC
  338.      53.43635 (04071308) AT ( 533000.00, 4417000.00)  GC
378.      51.52074 (04071308) AT ( 532000.00, 4416000.00)  GC
  339.      53.35198 (04062608) AT ( 534000.00, 4417500.00)  GC
379.      51.47833 (04020124) AT ( 531500.00, 4416000.00)  GC
  340.      53.34581 (04100208) AT ( 531500.00, 4414000.00)  GC
380.      51.47461 (04102108) AT ( 532500.00, 4415500.00)  GC
  341.      53.32367 (04101424) AT ( 533000.00, 4415500.00)  GC
381.      51.45087 (04110324) AT ( 534000.00, 4417500.00)  GC
  342.      53.27002 (04103008) AT ( 531500.00, 4414500.00)  GC
382.      51.43162 (04070408) AT ( 534000.00, 4417500.00)  GC
  343.      53.07429 (04123024) AT ( 531500.00, 4414500.00)  GC
383.      51.42521 (04100308) AT ( 533500.00, 4416500.00)  GC
  344.      53.03287 (04082708) AT ( 533500.00, 4413500.00)  GC
384.      51.38901 (04092708) AT ( 533000.00, 4415500.00)  GC
  345.      53.01370 (04012624) AT ( 533500.00, 4417500.00)  GC
385.      51.37089c(04100108) AT ( 541500.00, 4420000.00)  GC
  346.      52.98495 (04080208) AT ( 533500.00, 4416000.00)  GC
386.      51.37037 (04061808) AT ( 533500.00, 4416000.00)  GC
  347.      52.96497 (04121008) AT ( 533500.00, 4416500.00)  GC
387.      51.33976 (04022924) AT ( 533000.00, 4416500.00)  GC
  348.      52.93951 (04040908) AT ( 534000.00, 4417500.00)  GC
388.      51.33025 (04080308) AT ( 532000.00, 4417500.00)  GC
  349.      52.93110 (04031524) AT ( 531500.00, 4416000.00)  GC
389.      51.32323 (04011924) AT ( 533000.00, 4417500.00)  GC
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  350.      52.89435 (04092808) AT ( 534000.00, 4417000.00)  GC
390.      51.31290 (04122908) AT ( 533000.00, 4416500.00)  GC
  351.      52.87976 (04042908) AT ( 531500.00, 4414000.00)  GC
391.      51.29496 (04061724) AT ( 534000.00, 4417500.00)  GC
  352.      52.87364 (04103108) AT ( 533500.00, 4416500.00)  GC
392.      51.23290c(04052108) AT ( 532000.00, 4415000.00)  GC
  353.      52.84543 (04091924) AT ( 531500.00, 4414000.00)  GC
393.      51.19285 (04080408) AT ( 533000.00, 4416000.00)  GC
  354.      52.78790 (04011108) AT ( 532000.00, 4416500.00)  GC
394.      51.11771 (04032808) AT ( 534000.00, 4417500.00)  GC
  355.      52.73449 (04121808) AT ( 533500.00, 4416000.00)  GC
395.      51.07625 (04092924) AT ( 531500.00, 4414000.00)  GC
  356.      52.72117 (04032008) AT ( 533500.00, 4416000.00)  GC
396.      51.00470 (04030224) AT ( 532000.00, 4417500.00)  GC
  357.      52.63559 (04042008) AT ( 532500.00, 4417500.00)  GC
397.      50.94352 (04082808) AT ( 534000.00, 4416500.00)  GC
  358.      52.55589 (04091624) AT ( 533500.00, 4416000.00)  GC
398.      50.94072 (04111224) AT ( 531500.00, 4414000.00)  GC
  359.      52.54518 (04040924) AT ( 533500.00, 4417000.00)  GC
399.      50.91592 (04060508) AT ( 531500.00, 4416000.00)  GC
  360.      52.34712 (04123108) AT ( 533500.00, 4416500.00)  GC
400.      50.89716 (04021808) AT ( 532500.00, 4416000.00)  GC
 *** AERMOD - VERSION 09292 ***     ***  NO TITLE SPECIFIED
                                    ***         10/24/11
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                                   ***         19:46:59

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 **MODELOPTs:  RegDFAULT CONC
  ELEV
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*** THE MAXIMUM 500 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
401.	50.87370	(04051908)	AT	(532500.00, 4415000.00)	GC	441.	49.52117	(04080308)	AT	(532500.00, 4417500.00)	GC
402.	50.75698	(04082308)	AT	(534500.00, 4417000.00)	GC	442.	49.41413	(04120124)	AT	(533500.00, 4417500.00)	GC
403.	50.74847	(04121008)	AT	(531500.00, 4414500.00)	GC	443.	49.39481	(04082308)	AT	(533000.00, 4416000.00)	GC
404.	50.73278	(04012508)	AT	(533500.00, 4418000.00)	GC	444.	49.32468	(04080508)	AT	(531500.00, 4416000.00)	GC
405.	50.72971	(04042908)	AT	(533000.00, 4415500.00)	GC	445.	49.29798	(04123108)	AT	(532500.00, 4416000.00)	GC
406.	50.71859	(04111308)	AT	(532000.00, 4414500.00)	GC	446.	49.26919	(04112824)	AT	(533500.00, 4417500.00)	GC
407.	50.62425	(04082108)	AT	(533500.00, 4416500.00)	GC	447.	49.25819	(04020124)	AT	(533500.00, 4417500.00)	GC
408.	50.62278	(04022924)	AT	(533500.00, 4417000.00)	GC	448.	49.15158	(04102124)	AT	(533000.00, 4416000.00)	GC
409.	50.61341	(04041208)	AT	(533000.00, 4415500.00)	GC	449.	49.02917	(04100308)	AT	(532000.00, 4416000.00)	GC
410.	50.60766	(04102108)	AT	(532500.00, 4415000.00)	GC						

450. 48.93504 (04092708) AT (533000.00, 4416000.00) GC
411. 50.52795 (04030208) AT (532500.00, 4417000.00) GC
451. 48.92732 (04101124) AT (534000.00, 4417500.00) GC
412. 50.49467 (04111408) AT (533500.00, 4416000.00) GC
452. 48.92316 (04030824) AT (528500.00, 4414500.00) GC
413. 50.48578 (04062424) AT (534000.00, 4417500.00) GC
453. 48.90579 (04011724) AT (531500.00, 4416000.00) GC
414. 50.46311 (04042008) AT (534000.00, 4417500.00) GC
454. 48.87509 (04122808) AT (533500.00, 4417500.00) GC
415. 50.40802 (04083008) AT (531500.00, 4414500.00) GC
455. 48.85321 (04092024) AT (533500.00, 4416000.00) GC
416. 50.40013c(04100108) AT (542000.00, 4419500.00) GC
456. 48.82418c(04110108) AT (532000.00, 4415000.00) GC
417. 50.38110 (04102008) AT (532500.00, 4416500.00) GC
457. 48.79902 (04081308) AT (534000.00, 4417500.00) GC
418. 50.38079 (04013108) AT (533000.00, 4415500.00) GC
458. 48.75384 (04102424) AT (531500.00, 4414000.00) GC
419. 50.20364 (04110908) AT (532000.00, 4416500.00) GC
459. 48.75116 (04031208) AT (532500.00, 4414500.00) GC
420. 50.18776 (04050308) AT (534000.00, 4417500.00) GC
460. 48.72573 (04051908) AT (532500.00, 4415500.00) GC
421. 50.18054c(04121908) AT (533000.00, 4416000.00) GC
461. 48.69987 (04082308) AT (531500.00, 4414500.00) GC
422. 50.16654 (04021724) AT (533000.00, 4415500.00) GC
462. 48.68353 (04093008) AT (533000.00, 4415000.00) GC
423. 50.10349 (04030908) AT (531500.00, 4416000.00) GC
463. 48.57353 (04060708) AT (531500.00, 4414500.00) GC
424. 50.09446 (04121008) AT (532000.00, 4415500.00) GC
464. 48.56278 (04032408) AT (533500.00, 4416000.00) GC
425. 50.08610 (04121008) AT (532000.00, 4414500.00) GC
465. 48.55557 (04092108) AT (531500.00, 4414500.00) GC
426. 50.03342 (04033108) AT (534000.00, 4417000.00) GC

466. 48.41145 (04123124) AT (532500.00, 4410500.00) GC
  427. 49.85673 (04030224) AT (532500.00, 4417500.00) GC
467. 48.39061 (04101124) AT (533500.00, 4418000.00) GC
  428. 49.84465 (04111824) AT (533500.00, 4416000.00) GC
468. 48.34435 (04020408) AT (528500.00, 4414500.00) GC
  429. 49.83186 (04013108) AT (532500.00, 4415000.00) GC
469. 48.33436 (04102708) AT (531500.00, 4416500.00) GC
  430. 49.83116 (04082108) AT (534000.00, 4417500.00) GC
470. 48.22407 (04082808) AT (534500.00, 4417000.00) GC
  431. 49.81365 (04100308) AT (532500.00, 4416000.00) GC
471. 48.18290 (04120824) AT (531500.00, 4416500.00) GC
  432. 49.79518 (04102008) AT (533000.00, 4416500.00) GC
472. 48.16850 (04092924) AT (534500.00, 4417000.00) GC
  433. 49.78541 (04121708) AT (534000.00, 4417500.00) GC
473. 48.03107c(04121908) AT (532000.00, 4415500.00) GC
  434. 49.77018 (04111308) AT (532500.00, 4415000.00) GC
474. 48.00197 (04041308) AT (532500.00, 4416500.00) GC
  435. 49.75787 (04122908) AT (532500.00, 4416500.00) GC
475. 47.98887 (04102708) AT (533000.00, 4416500.00) GC
  436. 49.75359 (04012708) AT (533500.00, 4418000.00) GC
476. 47.96191 (04090408) AT (534500.00, 4417000.00) GC
  437. 49.67948 (04013108) AT (532000.00, 4415000.00) GC
477. 47.95573c(04031908) AT (534000.00, 4417500.00) GC
  438. 49.63593 (04102624) AT (533500.00, 4417000.00) GC
478. 47.89640 (04021708) AT (534500.00, 4417500.00) GC
  439. 49.56467 (04120524) AT (534000.00, 4417500.00) GC
479. 47.87097c(04031908) AT (532500.00, 4417500.00) GC
  440. 49.56429c(04110108) AT (532000.00, 4414500.00) GC
480. 47.84571 (04030208) AT (532500.00, 4416000.00) GC
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
                                  ***

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
481.	47.82715	(04102324)	AT	(534500.00, 4417000.00)	GC
491.	47.44735	(04101708)	AT	(531500.00, 4414500.00)	GC
482.	47.81248	(04021708)	AT	(533000.00, 4417500.00)	GC
492.	47.33759	(04021808)	AT	(533000.00, 4417000.00)	GC
483.	47.74896	(04030924)	AT	(533500.00, 4417000.00)	GC
493.	47.29464	(04102324)	AT	(533000.00, 4416000.00)	GC
484.	47.72982	(04031124)	AT	(532000.00, 4414500.00)	GC
494.	47.28585	(04122224)	AT	(533000.00, 4416500.00)	GC
485.	47.71186	(04091524)	AT	(534000.00, 4417000.00)	GC
495.	47.28463	(04111308)	AT	(533500.00, 4416500.00)	GC
486.	47.70356	(04051708)	AT	(533500.00, 4417500.00)	GC
496.	47.15513	(04061508)	AT	(534000.00, 4417000.00)	GC

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  487.      47.69919 (04091524) AT ( 531500.00, 4416000.00)  GC
497.      47.13662 (04092924) AT ( 533000.00, 4416000.00)  GC
  488.      47.57810 (04011824) AT ( 533000.00, 4423000.00)  GC
498.      47.09502 (04092724) AT ( 531000.00, 4413500.00)  GC
  489.      47.46655 (04101908) AT ( 533000.00, 4415500.00)  GC
499.      47.06434 (04031208) AT ( 532000.00, 4414000.00)  GC
  490.      47.45594c(04020208) AT ( 532500.00, 4417500.00)  GC
500.      47.04510 (04122808) AT ( 533000.00, 4416500.00)  GC

  *** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/24/11
                                  ***
                                  ***        19:46:59

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 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                *** THE MAXIMUM  500  24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  1ALT     ***
                                    INCLUDING SOURCE(S):    BACA1A   ,
BACA1B   ,

                                       ** CONC OF NOX      IN
MICROGRAMS/M**3                         **
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RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK
1.	113.46652	(04110624)	AT	(534000.00, 4417500.00)	GC	
2.	78.89393	(04112924)	AT	(534000.00, 4417500.00)	GC	
3.	73.42419	(04092724)	AT	(533500.00, 4416000.00)	GC	
4.	71.36676	(04021724)	AT	(534000.00, 4417500.00)	GC	
5.	63.48266	(04111324)	AT	(533500.00, 4416000.00)	GC	
6.	61.29303	(04012624)	AT	(533500.00, 4417500.00)	GC	
7.	59.99495	(04110624)	AT	(533500.00, 4417500.00)	GC	
8.	59.60503	(04091324)	AT	(533500.00, 4416000.00)	GC	
9.	58.45987	(04091624)	AT	(533500.00, 4416000.00)	GC	
10.	56.91734	(04102924)	AT	(533500.00, 4416000.00)	GC	
11.	56.54126	(04012624)	AT	(534000.00, 4417500.00)	GC	
12.	56.39709	(04012524)	AT	(534000.00, 4417500.00)	GC	
13.	55.85516	(04021624)	AT	(534000.00, 4417500.00)	GC	
14.	55.29019	(04092924)	AT	(533500.00, 4416000.00)	GC	
41.	41.81709	(04110624)	AT	(532500.00, 4417500.00)	GC	
42.	41.59755	(04042024)	AT	(534000.00, 4417500.00)	GC	
43.	41.43074	(04121324)	AT	(534000.00, 4417500.00)	GC	
44.	41.32570c	(04020224)	AT	(533500.00, 4417500.00)	GC	
45.	40.67358	(04012624)	AT	(532500.00, 4417500.00)	GC	
46.	40.23744	(04041324)	AT	(533500.00, 4417000.00)	GC	
47.	40.11879	(04111424)	AT	(533500.00, 4416000.00)	GC	
48.	39.95031	(04122224)	AT	(533000.00, 4416500.00)	GC	
49.	39.72517	(04103024)	AT	(533500.00, 4416000.00)	GC	
50.	39.60920	(04080324)	AT	(534000.00, 4417500.00)	GC	
51.	39.18904	(04092924)	AT	(534500.00, 4417000.00)	GC	
52.	38.84732	(04021624)	AT	(533500.00, 4417500.00)	GC	
53.	38.81426	(04111324)	AT	(533000.00, 4415500.00)	GC	
54.	37.68432	(04112924)	AT	(533500.00, 4417500.00)	GC	

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   15.      54.63151 (04012624) AT ( 533000.00, 4417500.00)  GC
55.      37.59057 (04102224) AT ( 533500.00, 4416000.00)  GC
   16.      53.75914c(04110124) AT ( 533500.00, 4416000.00)  GC
56.      37.57592 (04092924) AT ( 531500.00, 4414500.00)  GC
   17.      53.67393 (04092024) AT ( 533500.00, 4416000.00)  GC
57.      37.41144 (04111224) AT ( 533500.00, 4416000.00)  GC
   18.      53.59014 (04102524) AT ( 533500.00, 4416000.00)  GC
58.      36.86356c(04010324) AT ( 534000.00, 4417500.00)  GC
   19.      51.66635 (04121224) AT ( 534000.00, 4417500.00)  GC
59.      36.44910 (04020424) AT ( 533500.00, 4417000.00)  GC
   20.      49.39726 (04110624) AT ( 532000.00, 4417500.00)  GC
60.      36.44109c(04110124) AT ( 531500.00, 4414500.00)  GC
   21.      48.62299 (04083124) AT ( 533500.00, 4416000.00)  GC
61.      36.31680 (04030824) AT ( 531500.00, 4416000.00)  GC
   22.      48.47895 (04102424) AT ( 533500.00, 4416000.00)  GC
62.      36.20372 (04121224) AT ( 533500.00, 4417500.00)  GC
   23.      48.07319c(04020224) AT ( 534000.00, 4417500.00)  GC
63.      35.94543 (04020424) AT ( 531500.00, 4416000.00)  GC
   24.      46.59750 (04123124) AT ( 533500.00, 4417000.00)  GC
64.      35.92130 (04030224) AT ( 533000.00, 4417000.00)  GC
   25.      46.58653 (04091424) AT ( 533500.00, 4416000.00)  GC
65.      35.52587 (04083024) AT ( 533500.00, 4416000.00)  GC
   26.      46.55990 (04090824) AT ( 533500.00, 4416000.00)  GC
66.      35.21730 (04090924) AT ( 533500.00, 4416000.00)  GC
   27.      46.29996 (04012524) AT ( 533500.00, 4417500.00)  GC
67.      35.10330 (04041124) AT ( 534000.00, 4417500.00)  GC
   28.      46.10800 (04030224) AT ( 533500.00, 4417000.00)  GC
68.      34.79312 (04031124) AT ( 533000.00, 4415500.00)  GC
   29.      45.36591 (04110224) AT ( 533500.00, 4416000.00)  GC
69.      34.57389 (04011024) AT ( 533500.00, 4417000.00)  GC
   30.      44.94193 (04092124) AT ( 533500.00, 4416000.00)  GC
70.      34.51929 (04031224) AT ( 533000.00, 4415500.00)  GC
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   31.      44.91966 (04111324) AT ( 531500.00, 4414500.00)  GC
71.       34.48969 (04092724) AT ( 531500.00, 4414000.00)  GC
   32.      44.08929 (04092624) AT ( 533500.00, 4416000.00)  GC
72.       34.47362 (04100224) AT ( 533500.00, 4416000.00)  GC
   33.      43.56034 (04020524) AT ( 534000.00, 4417500.00)  GC
73.       34.35506 (04102024) AT ( 533500.00, 4417000.00)  GC
   34.      43.33173 (04030224) AT ( 534000.00, 4417500.00)  GC
74.       34.34348c(04010324) AT ( 533500.00, 4417500.00)  GC
   35.      43.31022 (04042024) AT ( 533500.00, 4417500.00)  GC
75.       34.28010 (04122224) AT ( 533500.00, 4417000.00)  GC
   36.      42.69251 (04052224) AT ( 533500.00, 4416000.00)  GC
76.       34.26333 (04122224) AT ( 532500.00, 4416500.00)  GC
   37.      42.22800 (04101524) AT ( 533500.00, 4416000.00)  GC
77.       34.10027 (04110524) AT ( 534000.00, 4417500.00)  GC
   38.      42.17441 (04021724) AT ( 533500.00, 4417500.00)  GC
78.       34.07112 (04012424) AT ( 534000.00, 4417500.00)  GC
   39.      41.97311 (04042024) AT ( 533000.00, 4417500.00)  GC
79.       34.06348 (04082124) AT ( 533500.00, 4417000.00)  GC
   40.      41.91359 (04061324) AT ( 533500.00, 4416000.00)  GC
80.       34.02449 (04030224) AT ( 532500.00, 4416500.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/24/11
                                  ***
                                  ***        19:46:59

                                             PAGE 146

 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                  *** THE MAXIMUM  500  24-HR AVERAGE
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CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE		RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
81.	33.97716	(04110724)	(533500.00, 4416000.00)	GC	121.	29.97804	(04123024)	(533500.00, 4416000.00)	GC
82.	33.81481	(04103124)	(533500.00, 4416000.00)	GC	122.	29.94621	(04092924)	(534000.00, 4416500.00)	GC
83.	33.60530c	(04042524)	(533500.00, 4416000.00)	GC	123.	29.88830	(04121324)	(533500.00, 4417500.00)	GC
84.	33.22002	(04030224)	(533000.00, 4416500.00)	GC	124.	29.79113	(04021724)	(532000.00, 4417500.00)	GC
85.	33.04701	(04072924)	(534000.00, 4417500.00)	GC	125.	29.76915	(04123124)	(533000.00, 4416500.00)	GC
86.	32.78175	(04032124)	(534000.00, 4417500.00)	GC	126.	29.71101	(04060724)	(533500.00, 4416000.00)	GC
87.	32.64630	(04090224)	(533500.00, 4416000.00)	GC	127.	29.55015	(04110924)	(533500.00, 4417000.00)	GC
88.	32.60878	(04110624)	(533500.00, 4416000.00)	GC	128.	29.50341	(04042024)	(532500.00, 4417500.00)	GC
89.	32.49953	(04102424)	(533000.00, 4415500.00)	GC	129.	29.24102	(04030124)	(531500.00, 4416000.00)	GC
90.	32.45355	(04102924)	(531500.00, 4414000.00)	GC	130.	29.01212	(04123124)	(532500.00, 4416500.00)	GC
91.	32.42330	(04092724)	(531500.00, 4414500.00)	GC					

131. 28.94011 (04082224) AT (533000.00, 4417500.00) GC
92. 32.19866 (04072724) AT (533500.00, 4416000.00) GC
132. 28.86698 (04092924) AT (533000.00, 4416000.00) GC
93. 32.10714c(04121924) AT (533000.00, 4416500.00) GC
133. 28.85335 (04111324) AT (532000.00, 4415000.00) GC
94. 31.95221 (04071324) AT (533500.00, 4417000.00) GC
134. 28.83710 (04101624) AT (533500.00, 4416000.00) GC
95. 31.81647 (04102524) AT (531500.00, 4414000.00) GC
135. 28.81290 (04030224) AT (533500.00, 4417500.00) GC
96. 31.67435 (04101724) AT (533500.00, 4416000.00) GC
136. 28.75373 (04092224) AT (533000.00, 4415500.00) GC
97. 31.56704 (04092824) AT (531500.00, 4416000.00) GC
137. 28.68628c(04042524) AT (531500.00, 4414000.00) GC
98. 31.56122 (04012524) AT (532500.00, 4417500.00) GC
138. 28.68421 (04030924) AT (533500.00, 4417000.00) GC
99. 31.49473 (04041224) AT (533500.00, 4416000.00) GC
139. 28.65387 (04123124) AT (533500.00, 4413500.00) GC
100. 31.42356 (04101224) AT (534000.00, 4417500.00) GC
140. 28.64004 (04092124) AT (534500.00, 4417000.00) GC
101. 31.40531 (04011924) AT (533500.00, 4417500.00) GC
141. 28.56152 (04122224) AT (532000.00, 4416000.00) GC
102. 31.06114 (04123124) AT (532000.00, 4416500.00) GC
142. 28.49044 (04021724) AT (532500.00, 4417500.00) GC
103. 30.88774 (04101524) AT (531500.00, 4414500.00) GC
143. 28.39846 (04102124) AT (533000.00, 4415500.00) GC
104. 30.83377 (04103124) AT (533500.00, 4417000.00) GC
144. 28.32677 (04030324) AT (531500.00, 4416000.00) GC
105. 30.78564 (04102324) AT (533500.00, 4416000.00) GC
145. 27.96674 (04042724) AT (534000.00, 4417500.00) GC
106. 30.67856 (04091924) AT (533500.00, 4416000.00) GC
146. 27.93861 (04082224) AT (533500.00, 4417500.00) GC
107. 30.63649 (04011924) AT (534000.00, 4417500.00) GC

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147.      27.90464 (04090124) AT ( 531500.00, 4416000.00)  GC
  108.      30.60250 (04102724) AT ( 533500.00, 4417000.00)  GC
148.      27.89201 (04101524) AT ( 533000.00, 4416000.00)  GC
  109.      30.56495 (04042624) AT ( 533500.00, 4416000.00)  GC
149.      27.85701 (04021824) AT ( 533500.00, 4417000.00)  GC
  110.      30.55754c(04102624) AT ( 531500.00, 4416000.00)  GC
150.      27.84894 (04091624) AT ( 531500.00, 4414500.00)  GC
  111.      30.51706 (04112324) AT ( 534000.00, 4417500.00)  GC
151.      27.83638 (04082824) AT ( 533500.00, 4416000.00)  GC
  112.      30.50062 (04111324) AT ( 533000.00, 4416000.00)  GC
152.      27.81949 (04092024) AT ( 531500.00, 4414500.00)  GC
  113.      30.48709 (04080424) AT ( 533500.00, 4416000.00)  GC
153.      27.80594 (04032324) AT ( 533500.00, 4416000.00)  GC
  114.      30.46837 (04071124) AT ( 534000.00, 4417500.00)  GC
154.      27.78480 (04060924) AT ( 534000.00, 4417500.00)  GC
  115.      30.34119 (04112924) AT ( 532000.00, 4417500.00)  GC
155.      27.72414 (04021824) AT ( 533000.00, 4416500.00)  GC
  116.      30.26204 (04071224) AT ( 533500.00, 4416000.00)  GC
156.      27.54113c(04020224) AT ( 532500.00, 4417500.00)  GC
  117.      30.24333 (04031124) AT ( 532500.00, 4415000.00)  GC
157.      27.53586 (04012624) AT ( 532000.00, 4417500.00)  GC
  118.      30.11054 (04121624) AT ( 533500.00, 4416000.00)  GC
158.      27.34097 (04092024) AT ( 531500.00, 4414000.00)  GC
  119.      30.04071c(04110124) AT ( 533000.00, 4415500.00)  GC
159.      27.33773c(04122424) AT ( 531500.00, 4416000.00)  GC
  120.      30.02837 (04102424) AT ( 531500.00, 4414500.00)  GC
160.      27.33512 (04102424) AT ( 531500.00, 4414000.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/24/11
                                  ***
                                  ***        19:46:59
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT *** INCLUDING SOURCE(S): BACA1A , BACA1B ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
161.	27.25185	(04101624)	AT (533000.00, 4415500.00) GC	201.	25.17342	(04102224)	AT (533000.00, 4416000.00) GC
162.	27.15365	(04041324)	AT (532000.00, 4416500.00) GC	202.	25.17310	(04101524)	AT (533000.00, 4415500.00) GC
163.	27.15155	(04030224)	AT (532000.00, 4416500.00) GC	203.	25.15441	(04011024)	AT (532000.00, 4416500.00) GC
164.	27.06101	(04020424)	AT (533000.00, 4416500.00) GC	204.	25.13337	(04122224)	AT (533000.00, 4417000.00) GC
165.	27.03155	(04102324)	AT (534500.00, 4417000.00) GC	205.	25.12899	(04091624)	AT (531500.00, 4414000.00) GC
166.	26.95629	(04111324)	AT (531500.00, 4414000.00) GC	206.	24.98400	(04031224)	AT (532000.00, 4414500.00) GC
167.	26.93562c	(04121924)	AT (533500.00, 4417000.00) GC	207.	24.96454	(04083124)	AT (531500.00, 4414500.00) GC

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  168.      26.86385 (04121024) AT ( 533000.00, 4415500.00)  GC
208.      24.87531 (04102324) AT ( 531500.00, 4414500.00)  GC
  169.      26.83994 (04062524) AT ( 534000.00, 4417500.00)  GC
209.      24.85200 (04122824) AT ( 533000.00, 4416500.00)  GC
  170.      26.82351c(04121924) AT ( 532500.00, 4416500.00)  GC
210.      24.84616 (04052224) AT ( 534000.00, 4416500.00)  GC
  171.      26.70248 (04020424) AT ( 532000.00, 4416000.00)  GC
211.      24.75886 (04061224) AT ( 533500.00, 4416000.00)  GC
  172.      26.68424c(04031924) AT ( 533000.00, 4417500.00)  GC
212.      24.75603 (04080324) AT ( 533500.00, 4417500.00)  GC
  173.      26.59659 (04122924) AT ( 533500.00, 4417000.00)  GC
213.      24.75175 (04111124) AT ( 533000.00, 4410000.00)  GC
  174.      26.55724 (04102124) AT ( 533000.00, 4416000.00)  GC
214.      24.68040c(04122724) AT ( 533000.00, 4415500.00)  GC
  175.      26.53413 (04112824) AT ( 534000.00, 4417500.00)  GC
215.      24.64242 (04121024) AT ( 533000.00, 4416000.00)  GC
  176.      26.51923 (04012524) AT ( 532000.00, 4417500.00)  GC
216.      24.62051 (04061124) AT ( 533500.00, 4416000.00)  GC
  177.      26.51032 (04052324) AT ( 533500.00, 4416000.00)  GC
217.      24.60349 (04100324) AT ( 533000.00, 4416500.00)  GC
  178.      26.40420c(04020224) AT ( 533000.00, 4417500.00)  GC
218.      24.59358 (04082224) AT ( 533500.00, 4416000.00)  GC
  179.      26.31572 (04092824) AT ( 534000.00, 4417500.00)  GC
219.      24.56975 (04102524) AT ( 533000.00, 4415500.00)  GC
  180.      26.29096 (04020424) AT ( 532500.00, 4416500.00)  GC
220.      24.43499 (04102424) AT ( 533000.00, 4416000.00)  GC
  181.      26.27912 (04112924) AT ( 534500.00, 4417500.00)  GC
221.      24.39847 (04102824) AT ( 533500.00, 4416000.00)  GC
  182.      26.24410 (04011824) AT ( 534000.00, 4417500.00)  GC
222.      24.37667 (04121224) AT ( 532500.00, 4417500.00)  GC
  183.      26.22150 (04030724) AT ( 533500.00, 4416000.00)  GC
223.      24.35079 (04121024) AT ( 533500.00, 4416000.00)  GC
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  184.      26.19159 (04091324) AT ( 534000.00, 4416500.00)  GC
224.      24.34251 (04110224) AT ( 531500.00, 4414000.00)  GC
  185.      26.18805 (04031124) AT ( 532000.00, 4414500.00)  GC
225.      24.31129 (04121024) AT ( 532500.00, 4415500.00)  GC
  186.      26.11009 (04021624) AT ( 532500.00, 4417500.00)  GC
226.      24.29464 (04122824) AT ( 534000.00, 4417500.00)  GC
  187.      26.02546 (04092924) AT ( 533000.00, 4415500.00)  GC
227.      24.28555 (04021624) AT ( 532000.00, 4417500.00)  GC
  188.      26.01236 (04122824) AT ( 533500.00, 4417000.00)  GC
228.      24.24018 (04043024) AT ( 533500.00, 4416000.00)  GC
  189.      25.77044 (04011124) AT ( 533500.00, 4417000.00)  GC
229.      24.23811 (04062924) AT ( 534000.00, 4417000.00)  GC
  190.      25.75563 (04012524) AT ( 533000.00, 4417500.00)  GC
230.      24.22690 (04101424) AT ( 533500.00, 4416000.00)  GC
  191.      25.70944 (04102524) AT ( 531500.00, 4414500.00)  GC
231.      24.13977 (04040924) AT ( 533500.00, 4416000.00)  GC
  192.      25.67745 (04031224) AT ( 532500.00, 4415000.00)  GC
232.      24.07168 (04011524) AT ( 533000.00, 4418500.00)  GC
  193.      25.59241 (04121824) AT ( 533500.00, 4416000.00)  GC
233.      24.06369 (04102124) AT ( 533500.00, 4416000.00)  GC
  194.      25.49583 (04072124) AT ( 534000.00, 4417500.00)  GC
234.      24.00681 (04082324) AT ( 533500.00, 4416000.00)  GC
  195.      25.42400 (04011824) AT ( 533000.00, 4423500.00)  GC
235.      23.94583 (04120824) AT ( 533500.00, 4417000.00)  GC
  196.      25.39643 (04121024) AT ( 532000.00, 4415000.00)  GC
236.      23.93392 (04110524) AT ( 533500.00, 4416000.00)  GC
  197.      25.36691 (04012424) AT ( 533000.00, 4418500.00)  GC
237.      23.88844 (04020424) AT ( 533500.00, 4416500.00)  GC
  198.      25.32424 (04112924) AT ( 532500.00, 4417500.00)  GC
238.      23.81799 (04091324) AT ( 531500.00, 4414500.00)  GC
  199.      25.23583 (04020524) AT ( 533500.00, 4417500.00)  GC
239.      23.77336 (04093024) AT ( 533500.00, 4416000.00)  GC
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  200.   25.19376 (04092724) AT (534000.00, 4416500.00) GC
240.   23.76254 (04102024) AT (532000.00, 4416500.00) GC
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/24/11
                                   ***
                                   ***   19:46:59

 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 1ALT   ***
                                     INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   ,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE
 -
- -
  241.   23.72245 (04081424) AT (533500.00, 4416000.00) GC
281.   22.80952 (04110924) AT (533500.00, 4416000.00) GC
  242.   23.71968 (04031124) AT (532500.00, 4415500.00) GC
282.   22.78792c(04121924) AT (532500.00, 4416000.00) GC
  243.   23.70726 (04082624) AT (533500.00, 4416000.00) GC
283.   22.77590 (04091924) AT (534000.00, 4417500.00) GC
  244.   23.69249 (04092724) AT (531000.00, 4413500.00) GC

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284.      22.77526 (04121224) AT ( 533000.00, 4417500.00)  GC
  245.      23.68983 (04091124) AT ( 533500.00, 4416000.00)  GC
285.      22.76952 (04101524) AT ( 534500.00, 4417000.00)  GC
  246.      23.67727 (04020424) AT ( 532000.00, 4416500.00)  GC
286.      22.68797c(04110124) AT ( 533000.00, 4416000.00)  GC
  247.      23.65013 (04110624) AT ( 534500.00, 4417500.00)  GC
287.      22.68441 (04030924) AT ( 531500.00, 4416000.00)  GC
  248.      23.59290 (04042924) AT ( 533500.00, 4416000.00)  GC
288.      22.63139 (04041024) AT ( 531500.00, 4416000.00)  GC
  249.      23.56539 (04092124) AT ( 534000.00, 4416500.00)  GC
289.      22.62090 (04041324) AT ( 531500.00, 4416500.00)  GC
  250.      23.56516c(04042524) AT ( 533000.00, 4415500.00)  GC
290.      22.60816 (04082524) AT ( 533500.00, 4416000.00)  GC
  251.      23.55205 (04110224) AT ( 531500.00, 4414500.00)  GC
291.      22.59429 (04102124) AT ( 532000.00, 4415000.00)  GC
  252.      23.53721 (04121624) AT ( 533000.00, 4415500.00)  GC
292.      22.57639 (04030224) AT ( 532500.00, 4417000.00)  GC
  253.      23.51488 (04041224) AT ( 531500.00, 4414500.00)  GC
293.      22.53571 (04092224) AT ( 532500.00, 4415000.00)  GC
  254.      23.50328 (04061524) AT ( 531500.00, 4416000.00)  GC
294.      22.52632 (04071324) AT ( 533000.00, 4416500.00)  GC
  255.      23.48747c(04010324) AT ( 532500.00, 4417500.00)  GC
295.      22.52372 (04092924) AT ( 529000.00, 4413000.00)  GC
  256.      23.41285 (04092124) AT ( 531500.00, 4414500.00)  GC
296.      22.50685 (04111324) AT ( 528000.00, 4411500.00)  GC
  257.      23.40467 (04121624) AT ( 531500.00, 4416000.00)  GC
297.      22.48839 (04011724) AT ( 531500.00, 4416000.00)  GC
  258.      23.39022 (04101924) AT ( 533500.00, 4416000.00)  GC
298.      22.46244 (04092724) AT ( 533000.00, 4415500.00)  GC
  259.      23.38206 (04092424) AT ( 533500.00, 4416000.00)  GC
299.      22.43210 (04102424) AT ( 532000.00, 4415000.00)  GC
  260.      23.37124 (04121624) AT ( 534000.00, 4417000.00)  GC
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300.      22.39815 (04102124) AT ( 532500.00, 4415000.00)  GC
  261.      23.36463 (04102724) AT ( 531500.00, 4416000.00)  GC
301.      22.33599 (04092224) AT ( 533000.00, 4416000.00)  GC
  262.      23.27033 (04123124) AT ( 533000.00, 4417000.00)  GC
302.      22.25851 (04110524) AT ( 533500.00, 4417500.00)  GC
  263.      23.24964 (04083124) AT ( 531500.00, 4414000.00)  GC
303.      22.23224 (04122224) AT ( 532000.00, 4416500.00)  GC
  264.      23.19750 (04102224) AT ( 531500.00, 4414500.00)  GC
304.      22.22703 (04091424) AT ( 533000.00, 4415500.00)  GC
  265.      23.13771 (04122224) AT ( 532500.00, 4416000.00)  GC
305.      22.22432 (04120124) AT ( 534000.00, 4417500.00)  GC
  266.      23.12222 (04092924) AT ( 531500.00, 4415000.00)  GC
306.      22.21671 (04122824) AT ( 533000.00, 4417000.00)  GC
  267.      23.09504 (04021824) AT ( 532500.00, 4416500.00)  GC
307.      22.21110 (04030924) AT ( 533000.00, 4415500.00)  GC
  268.      23.06682 (04031124) AT ( 533500.00, 4416000.00)  GC
308.      22.20631 (04121224) AT ( 532000.00, 4417500.00)  GC
  269.      23.05121 (04072424) AT ( 533500.00, 4416000.00)  GC
309.      22.18298 (04020124) AT ( 534000.00, 4417500.00)  GC
  270.      23.04738 (04111424) AT ( 531500.00, 4414500.00)  GC
310.      22.17666 (04103024) AT ( 531500.00, 4414000.00)  GC
  271.      23.04737 (04103124) AT ( 533000.00, 4416500.00)  GC
311.      22.14486 (04122824) AT ( 532500.00, 4416500.00)  GC
  272.      23.02838 (04103124) AT ( 532500.00, 4416500.00)  GC
312.      22.09782 (04040424) AT ( 534000.00, 4417500.00)  GC
  273.      23.01643 (04122224) AT ( 533500.00, 4416500.00)  GC
313.      22.06157 (04071324) AT ( 532500.00, 4416500.00)  GC
  274.      23.00871 (04122824) AT ( 533500.00, 4417500.00)  GC
314.      22.04005 (04102124) AT ( 532500.00, 4415500.00)  GC
  275.      22.98433 (04110524) AT ( 531500.00, 4416000.00)  GC
315.      22.01221c(04020224) AT ( 532000.00, 4417500.00)  GC
  276.      22.97757 (04091324) AT ( 531500.00, 4414000.00)  GC
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316. 21.88060 (04102024) AT (531500.00, 4416000.00) GC
  277. 22.94150 (04020424) AT (533000.00, 4417000.00) GC
317. 21.85914 (04030924) AT (533000.00, 4416500.00) GC
  278. 22.93979 (04111324) AT (534000.00, 4416500.00) GC
318. 21.84871 (04031124) AT (532000.00, 4415000.00) GC
  279. 22.90821 (04040724) AT (531500.00, 4416000.00) GC
319. 21.80850 (04083024) AT (531500.00, 4414500.00) GC
  280. 22.83323 (04052224) AT (534500.00, 4417000.00) GC
320. 21.76342 (04102424) AT (533500.00, 4416500.00) GC
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/24/11
*** 19:46:59

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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE

```
  321.      21.70355 (04101524) AT ( 534000.00, 4416500.00)  GC
361.      20.75627 (04110524) AT ( 533500.00, 4417000.00)  GC
  322.      21.68989 (04092224) AT ( 532000.00, 4415000.00)  GC
362.      20.75617 (04030924) AT ( 532500.00, 4416500.00)  GC
  323.      21.67571c(04031924) AT ( 533500.00, 4417500.00)  GC
363.      20.71919c(04121924) AT ( 533000.00, 4417000.00)  GC
  324.      21.66843 (04092824) AT ( 534000.00, 4417000.00)  GC
364.      20.70846 (04121324) AT ( 533000.00, 4417500.00)  GC
  325.      21.45704 (04030624) AT ( 534000.00, 4417500.00)  GC
365.      20.69474 (04123124) AT ( 531500.00, 4416500.00)  GC
  326.      21.43447 (04031224) AT ( 532500.00, 4415500.00)  GC
366.      20.66596 (04110924) AT ( 533000.00, 4416500.00)  GC
  327.      21.42065 (04103124) AT ( 531500.00, 4416000.00)  GC
367.      20.66029 (04111324) AT ( 534500.00, 4417000.00)  GC
  328.      21.40055 (04082724) AT ( 533500.00, 4413500.00)  GC
368.      20.63506 (04121024) AT ( 531500.00, 4414500.00)  GC
  329.      21.39522 (04031624) AT ( 531500.00, 4416000.00)  GC
369.      20.63346 (04111024) AT ( 533000.00, 4410000.00)  GC
  330.      21.37525c(04110124) AT ( 534000.00, 4416500.00)  GC
370.      20.61448 (04102924) AT ( 531500.00, 4414500.00)  GC
  331.      21.33111 (04041224) AT ( 533000.00, 4415500.00)  GC
371.      20.61274 (04080824) AT ( 533500.00, 4416000.00)  GC
  332.      21.30607 (04032324) AT ( 534000.00, 4417500.00)  GC
372.      20.60410 (04080224) AT ( 533500.00, 4416000.00)  GC
  333.      21.27058 (04020424) AT ( 528500.00, 4414500.00)  GC
373.      20.52143 (04030824) AT ( 533500.00, 4416000.00)  GC
  334.      21.26366 (04051824) AT ( 533500.00, 4416000.00)  GC
374.      20.51384 (04123024) AT ( 533000.00, 4415500.00)  GC
  335.      21.20450 (04013124) AT ( 532500.00, 4415500.00)  GC
375.      20.49983 (04013124) AT ( 533000.00, 4415500.00)  GC
  336.      21.17517c(04110124) AT ( 534500.00, 4417000.00)  GC
376.      20.49316 (04121024) AT ( 532500.00, 4415000.00)  GC
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  337.      21.14916 (04082124) AT ( 532500.00, 4416500.00)  GC
377.      20.44183c(04110124) AT ( 531500.00, 4414000.00)  GC
  338.      21.13781 (04092624) AT ( 531500.00, 4414500.00)  GC
378.      20.41688 (04121624) AT ( 531500.00, 4414000.00)  GC
  339.      21.11491 (04111224) AT ( 531500.00, 4414500.00)  GC
379.      20.40883 (04102324) AT ( 533000.00, 4416000.00)  GC
  340.      21.06785 (04041724) AT ( 533500.00, 4416000.00)  GC
380.      20.38243 (04091424) AT ( 534000.00, 4416500.00)  GC
  341.      21.06424 (04082224) AT ( 534000.00, 4417500.00)  GC
381.      20.36797 (04060524) AT ( 531500.00, 4416000.00)  GC
  342.      21.04607 (04082124) AT ( 532000.00, 4416500.00)  GC
382.      20.33698 (04092224) AT ( 532500.00, 4415500.00)  GC
  343.      20.98843 (04021824) AT ( 533500.00, 4416500.00)  GC
383.      20.33565 (04100324) AT ( 532500.00, 4416500.00)  GC
  344.      20.98251 (04071324) AT ( 533500.00, 4416500.00)  GC
384.      20.33056 (04101424) AT ( 533000.00, 4416000.00)  GC
  345.      20.97797 (04021624) AT ( 533000.00, 4417500.00)  GC
385.      20.30442 (04121724) AT ( 531500.00, 4416000.00)  GC
  346.      20.95592 (04052224) AT ( 531500.00, 4414500.00)  GC
386.      20.28599 (04121324) AT ( 532500.00, 4417500.00)  GC
  347.      20.95361 (04101524) AT ( 532000.00, 4415000.00)  GC
387.      20.28565 (04102924) AT ( 533000.00, 4415500.00)  GC
  348.      20.94771 (04011924) AT ( 532500.00, 4417500.00)  GC
388.      20.26694 (04082124) AT ( 533000.00, 4416500.00)  GC
  349.      20.94335 (04100324) AT ( 533500.00, 4417000.00)  GC
389.      20.26254 (04101924) AT ( 533000.00, 4415500.00)  GC
  350.      20.91518 (04102724) AT ( 532000.00, 4416500.00)  GC
390.      20.23425 (04030224) AT ( 532000.00, 4416000.00)  GC
  351.      20.88532 (04111324) AT ( 532000.00, 4414500.00)  GC
391.      20.21186 (04011024) AT ( 533500.00, 4416000.00)  GC
  352.      20.88280 (04091424) AT ( 531500.00, 4414500.00)  GC
392.      20.21072 (04102124) AT ( 532000.00, 4414500.00)  GC
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  353.      20.87799 (04092224) AT ( 532000.00, 4414500.00)  GC
393.      20.20641c(04052124) AT ( 533000.00, 4415500.00)  GC
  354.      20.87058 (04031524) AT ( 533500.00, 4416000.00)  GC
394.      20.14055 (04092224) AT ( 533500.00, 4416500.00)  GC
  355.      20.86913 (04072524) AT ( 533500.00, 4416000.00)  GC
395.      20.12142 (04111124) AT ( 533500.00, 4413500.00)  GC
  356.      20.86631 (04021824) AT ( 532500.00, 4416000.00)  GC
396.      20.10360 (04112724) AT ( 534000.00, 4417500.00)  GC
  357.      20.81018 (04042024) AT ( 532000.00, 4417500.00)  GC
397.      20.08589 (04090824) AT ( 531500.00, 4414000.00)  GC
  358.      20.80575c(04010324) AT ( 533000.00, 4417500.00)  GC
398.      20.07792 (04051924) AT ( 533000.00, 4415500.00)  GC
  359.      20.78351 (04110924) AT ( 532500.00, 4416500.00)  GC
399.      20.02986 (04030924) AT ( 533500.00, 4416000.00)  GC
  360.      20.77194 (04103024) AT ( 531500.00, 4416000.00)  GC
400.      20.01235 (04042024) AT ( 533000.00, 4417000.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/24/11
                                  ***
                                  ***        19:46:59

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 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                *** THE MAXIMUM  500  24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  1ALT     ***
                                    INCLUDING SOURCE(S):    BACA1A   ,
BACA1B   ,
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** CONC OF NOX IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
401.	19.97307	(04102924) AT	(531000.00, 4413500.00) GC	441.	19.05661	(04102424) AT	(532500.00, 4415500.00) GC
402.	19.94914	(04092624) AT	(534000.00, 4416500.00) GC	442.	19.02121	(04051724) AT	(533000.00, 4417500.00) GC
403.	19.93397	(04121724) AT	(534000.00, 4417000.00) GC	443.	19.01165	(04102124) AT	(533500.00, 4416500.00) GC
404.	19.90675	(04072624) AT	(531500.00, 4416000.00) GC	444.	18.94741	(04020524) AT	(532000.00, 4417500.00) GC
405.	19.90332	(04093024) AT	(531500.00, 4414000.00) GC	445.	18.94543	(04111324) AT	(529000.00, 4412500.00) GC
406.	19.90008	(04090724) AT	(533500.00, 4416000.00) GC	446.	18.94281	(04110724) AT	(531500.00, 4414500.00) GC
407.	19.88696	(04103124) AT	(532000.00, 4416000.00) GC	447.	18.90915	(04091324) AT	(534500.00, 4417000.00) GC
408.	19.87649	(04101424) AT	(533000.00, 4415500.00) GC	448.	18.88085	(04121024) AT	(533500.00, 4416500.00) GC
409.	19.87500	(04100224) AT	(531500.00, 4414500.00) GC	449.	18.87192	(04071324) AT	(532000.00, 4416500.00) GC
410.	19.83084	(04123124) AT	(532000.00, 4416000.00) GC	450.	18.87127	(04011024) AT	(532500.00, 4416500.00) GC
411.	19.79104	(04081324) AT	(531500.00, 4416000.00) GC	451.	18.87110	(04030224) AT	(532500.00, 4417500.00) GC
412.	19.74212	(04030824) AT	(528500.00, 4414500.00) GC	452.	18.85932	(04012624) AT	(533000.00, 4417000.00) GC
413.	19.67747	(04060424) AT	(533500.00, 4416000.00) GC				

453. 18.84324 (04052424) AT (534000.00, 4417500.00) GC
414. 19.67687 (04122824) AT (533000.00, 4417500.00) GC
454. 18.78985 (04072324) AT (534000.00, 4417500.00) GC
415. 19.64048 (04031524) AT (531500.00, 4416000.00) GC
455. 18.78246 (04101424) AT (531500.00, 4414500.00) GC
416. 19.56230 (04080424) AT (531500.00, 4414500.00) GC
456. 18.77043 (04013124) AT (532000.00, 4415000.00) GC
417. 19.55718 (04061324) AT (531500.00, 4414000.00) GC
457. 18.76394 (04030924) AT (532000.00, 4416500.00) GC
418. 19.54709 (04040924) AT (534000.00, 4417500.00) GC
458. 18.75692 (04013124) AT (532500.00, 4415000.00) GC
419. 19.52698 (04111424) AT (533000.00, 4416000.00) GC
459. 18.70821c(04121924) AT (533500.00, 4416500.00) GC
420. 19.47277 (04080524) AT (533500.00, 4417000.00) GC
460. 18.67760 (04110724) AT (531500.00, 4414000.00) GC
421. 19.45170 (04120624) AT (533000.00, 4415500.00) GC
461. 18.66551 (04090224) AT (531500.00, 4414500.00) GC
422. 19.44899 (04090924) AT (531500.00, 4414500.00) GC
462. 18.66497 (04091624) AT (534000.00, 4416500.00) GC
423. 19.44135c(04110124) AT (532000.00, 4415000.00) GC
463. 18.59868 (04111624) AT (534000.00, 4417500.00) GC
424. 19.37815 (04103124) AT (532000.00, 4416500.00) GC
464. 18.52230 (04093024) AT (533000.00, 4415500.00) GC
425. 19.33250 (04120324) AT (533000.00, 4417500.00) GC
465. 18.52044 (04092924) AT (529000.00, 4412500.00) GC
426. 19.31634 (04092324) AT (534000.00, 4417500.00) GC
466. 18.51667 (04102524) AT (531000.00, 4413500.00) GC
427. 19.30914 (04121724) AT (534000.00, 4417500.00) GC
467. 18.48206 (04092924) AT (532000.00, 4415000.00) GC
428. 19.30614 (04101624) AT (531500.00, 4414000.00) GC
468. 18.48108c(04100124) AT (541500.00, 4419500.00) GC
429. 19.30023 (04091924) AT (531500.00, 4414000.00) GC

469. 18.47338 (04041824) AT (533500.00, 4416000.00) GC
430. 19.26480 (04091424) AT (531500.00, 4414000.00) GC
470. 18.47323 (04083024) AT (531500.00, 4416500.00) GC
431. 19.25947 (04101924) AT (531500.00, 4414000.00) GC
471. 18.46182 (04090124) AT (534000.00, 4417000.00) GC
432. 19.24123 (04092924) AT (531500.00, 4414000.00) GC
472. 18.37698 (04080124) AT (534500.00, 4417000.00) GC
433. 19.23671 (04120624) AT (533000.00, 4416000.00) GC
473. 18.36990 (04091624) AT (531000.00, 4413500.00) GC
434. 19.21023 (04073124) AT (534000.00, 4417000.00) GC
474. 18.35644 (04031224) AT (532000.00, 4415000.00) GC
435. 19.20070 (04033124) AT (534000.00, 4417000.00) GC
475. 18.34250 (04012524) AT (533500.00, 4418000.00) GC
436. 19.17976 (04031124) AT (532000.00, 4414000.00) GC
476. 18.32149 (04110624) AT (531500.00, 4414000.00) GC
437. 19.17811 (04082224) AT (532500.00, 4417500.00) GC
477. 18.31166 (04122924) AT (533000.00, 4416500.00) GC
438. 19.15071 (04100624) AT (534000.00, 4417500.00) GC
478. 18.31048 (04030924) AT (532000.00, 4416000.00) GC
439. 19.14127 (04092924) AT (528500.00, 4412500.00) GC
479. 18.30548 (04122824) AT (531500.00, 4416000.00) GC
440. 19.07342 (04092724) AT (528000.00, 4411000.00) GC
480. 18.29357 (04101124) AT (533500.00, 4416000.00) GC

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B ,

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

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
481.	18.28623c	(04010324)	AT	(532000.00, 4417500.00)	GC
491.	18.15338	(04050524)	AT	(533500.00, 4416000.00)	GC
482.	18.25626	(04072124)	AT	(534500.00, 4417500.00)	GC
492.	18.12534	(04050124)	AT	(533500.00, 4416000.00)	GC
483.	18.23272	(04092024)	AT	(534000.00, 4416500.00)	GC
493.	18.11055	(04030224)	AT	(532000.00, 4417500.00)	GC
484.	18.21393	(04103124)	AT	(533500.00, 4416500.00)	GC
494.	18.09357	(04111324)	AT	(528000.00, 4412000.00)	GC
485.	18.20844	(04020424)	AT	(534000.00, 4417000.00)	GC
495.	18.08242	(04102524)	AT	(534000.00, 4416500.00)	GC
486.	18.20621	(04052324)	AT	(534000.00, 4416500.00)	GC
496.	18.08055	(04110924)	AT	(533000.00, 4417000.00)	GC
487.	18.20496	(04063024)	AT	(533500.00, 4416000.00)	GC
497.	18.07004	(04103024)	AT	(531500.00, 4414500.00)	GC
488.	18.20363	(04080824)	AT	(534500.00, 4417000.00)	GC
498.	18.06072	(04071024)	AT	(533500.00, 4416000.00)	GC
489.	18.20008	(04080924)	AT	(533500.00, 4416000.00)	GC
499.	18.03493	(04031024)	AT	(533500.00, 4418000.00)	GC

490. 18.17789 (04062624) AT (534000.00, 4417500.00) GC
500. 18.03273 (04092024) AT (533000.00, 4415500.00) GC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/24/11
***
*** 19:46:59

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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT.,

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

RANK CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE RANK
CONC (YYMMDDHH) AT RECEPTOR (XR,YR) OF TYPE
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    2.      78.90143 (04112924) AT ( 534000.00, 4417500.00)  GC
42.      41.59909 (04042024) AT ( 534000.00, 4417500.00)  GC
    3.      73.42659 (04092724) AT ( 533500.00, 4416000.00)  GC
43.      41.43097 (04121324) AT ( 534000.00, 4417500.00)  GC
    4.      71.37112 (04021724) AT ( 534000.00, 4417500.00)  GC
44.      41.32894c(04020224) AT ( 533500.00, 4417500.00)  GC
    5.      63.48476 (04111324) AT ( 533500.00, 4416000.00)  GC
45.      40.68008 (04012624) AT ( 532500.00, 4417500.00)  GC
    6.      61.30374 (04012624) AT ( 533500.00, 4417500.00)  GC
46.      40.24204 (04041324) AT ( 533500.00, 4417000.00)  GC
    7.      59.99778 (04110624) AT ( 533500.00, 4417500.00)  GC
47.      40.12394 (04111424) AT ( 533500.00, 4416000.00)  GC
    8.      59.61218 (04091324) AT ( 533500.00, 4416000.00)  GC
48.      39.95370 (04122224) AT ( 533000.00, 4416500.00)  GC
    9.      58.46192 (04091624) AT ( 533500.00, 4416000.00)  GC
49.      39.72598 (04103024) AT ( 533500.00, 4416000.00)  GC
   10.      56.91769 (04102924) AT ( 533500.00, 4416000.00)  GC
50.      39.61409 (04080324) AT ( 534000.00, 4417500.00)  GC
   11.      56.55850 (04012624) AT ( 534000.00, 4417500.00)  GC
51.      39.20276 (04092924) AT ( 534500.00, 4417000.00)  GC
   12.      56.40506 (04012524) AT ( 534000.00, 4417500.00)  GC
52.      38.84739 (04021624) AT ( 533500.00, 4417500.00)  GC
   13.      55.85532 (04021624) AT ( 534000.00, 4417500.00)  GC
53.      38.81577 (04111324) AT ( 533000.00, 4415500.00)  GC
   14.      55.29230 (04092924) AT ( 533500.00, 4416000.00)  GC
54.      37.68886 (04112924) AT ( 533500.00, 4417500.00)  GC
   15.      54.63947 (04012624) AT ( 533000.00, 4417500.00)  GC
55.      37.59490 (04102224) AT ( 533500.00, 4416000.00)  GC
   16.      53.75987c(04110124) AT ( 533500.00, 4416000.00)  GC
56.      37.57651 (04092924) AT ( 531500.00, 4414500.00)  GC
   17.      53.67591 (04092024) AT ( 533500.00, 4416000.00)  GC
57.      37.41717 (04111224) AT ( 533500.00, 4416000.00)  GC
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   18.      53.59201 (04102524) AT ( 533500.00, 4416000.00)  GC
58.      36.87311c(04010324) AT ( 534000.00, 4417500.00)  GC
   19.      51.66802 (04121224) AT ( 534000.00, 4417500.00)  GC
59.      36.45098 (04020424) AT ( 533500.00, 4417000.00)  GC
   20.      49.39867 (04110624) AT ( 532000.00, 4417500.00)  GC
60.      36.44149c(04110124) AT ( 531500.00, 4414500.00)  GC
   21.      48.62997 (04083124) AT ( 533500.00, 4416000.00)  GC
61.      36.31955 (04030824) AT ( 531500.00, 4416000.00)  GC
   22.      48.47995 (04102424) AT ( 533500.00, 4416000.00)  GC
62.      36.20457 (04121224) AT ( 533500.00, 4417500.00)  GC
   23.      48.07962c(04020224) AT ( 534000.00, 4417500.00)  GC
63.      35.94643 (04020424) AT ( 531500.00, 4416000.00)  GC
   24.      46.59940 (04123124) AT ( 533500.00, 4417000.00)  GC
64.      35.92247 (04030224) AT ( 533000.00, 4417000.00)  GC
   25.      46.58866 (04091424) AT ( 533500.00, 4416000.00)  GC
65.      35.52676 (04083024) AT ( 533500.00, 4416000.00)  GC
   26.      46.56154 (04090824) AT ( 533500.00, 4416000.00)  GC
66.      35.21797 (04090924) AT ( 533500.00, 4416000.00)  GC
   27.      46.30404 (04012524) AT ( 533500.00, 4417500.00)  GC
67.      35.10679 (04041124) AT ( 534000.00, 4417500.00)  GC
   28.      46.11007 (04030224) AT ( 533500.00, 4417000.00)  GC
68.      34.79315 (04031124) AT ( 533000.00, 4415500.00)  GC
   29.      45.36750 (04110224) AT ( 533500.00, 4416000.00)  GC
69.      34.58731 (04011024) AT ( 533500.00, 4417000.00)  GC
   30.      44.94421 (04092124) AT ( 533500.00, 4416000.00)  GC
70.      34.51956 (04031224) AT ( 533000.00, 4415500.00)  GC
   31.      44.92089 (04111324) AT ( 531500.00, 4414500.00)  GC
71.      34.49093 (04092724) AT ( 531500.00, 4414000.00)  GC
   32.      44.09033 (04092624) AT ( 533500.00, 4416000.00)  GC
72.      34.47640 (04100224) AT ( 533500.00, 4416000.00)  GC
   33.      43.56105 (04020524) AT ( 534000.00, 4417500.00)  GC
73.      34.35937 (04102024) AT ( 533500.00, 4417000.00)  GC
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   34.      43.33325 (04030224) AT ( 534000.00, 4417500.00)  GC
74.       34.34942c(04010324) AT ( 533500.00, 4417500.00)  GC
   35.      43.31098 (04042024) AT ( 533500.00, 4417500.00)  GC
75.       34.28326 (04122224) AT ( 533500.00, 4417000.00)  GC
   36.      42.69633 (04052224) AT ( 533500.00, 4416000.00)  GC
76.       34.26528 (04122224) AT ( 532500.00, 4416500.00)  GC
   37.      42.22855 (04101524) AT ( 533500.00, 4416000.00)  GC
77.       34.10266 (04110524) AT ( 534000.00, 4417500.00)  GC
   38.      42.17666 (04021724) AT ( 533500.00, 4417500.00)  GC
78.       34.10185 (04012424) AT ( 534000.00, 4417500.00)  GC
   39.      41.97357 (04042024) AT ( 533000.00, 4417500.00)  GC
79.       34.06824 (04082124) AT ( 533500.00, 4417000.00)  GC
   40.      41.92298 (04061324) AT ( 533500.00, 4416000.00)  GC
80.       34.02561 (04030224) AT ( 532500.00, 4416500.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/24/11
                                  ***
                                  ***        19:46:59

                                             PAGE 153
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                  *** THE MAXIMUM  500  24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  2ALT     ***
                                     INCLUDING SOURCE(S):    BACA1A   ,
BACA1B   , ON.ISIT.,

                                         ** CONC OF NOX      IN
MICROGRAMS/M**3                           **
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 RANK         CONC     (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE     RANK
       CONC     (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
   81.      33.97854 (04110724) AT ( 533500.00, 4416000.00)  GC
121.      29.97885 (04123024) AT ( 533500.00, 4416000.00)  GC
   82.      33.81802 (04103124) AT ( 533500.00, 4416000.00)  GC
122.      29.95090 (04092924) AT ( 534000.00, 4416500.00)  GC
   83.      33.60713c(04042524) AT ( 533500.00, 4416000.00)  GC
123.      29.88842 (04121324) AT ( 533500.00, 4417500.00)  GC
   84.      33.22130 (04030224) AT ( 533000.00, 4416500.00)  GC
124.      29.79206 (04021724) AT ( 532000.00, 4417500.00)  GC
   85.      33.04849 (04072924) AT ( 534000.00, 4417500.00)  GC
125.      29.77054 (04123124) AT ( 533000.00, 4416500.00)  GC
   86.      32.78193 (04032124) AT ( 534000.00, 4417500.00)  GC
126.      29.71448 (04060724) AT ( 533500.00, 4416000.00)  GC
   87.      32.65244 (04090224) AT ( 533500.00, 4416000.00)  GC
127.      29.55283 (04110924) AT ( 533500.00, 4417000.00)  GC
   88.      32.60984 (04110624) AT ( 533500.00, 4416000.00)  GC
128.      29.50374 (04042024) AT ( 532500.00, 4417500.00)  GC
   89.      32.50012 (04102424) AT ( 533000.00, 4415500.00)  GC
129.      29.24113 (04030124) AT ( 531500.00, 4416000.00)  GC
   90.      32.45386 (04102924) AT ( 531500.00, 4414000.00)  GC
130.      29.01332 (04123124) AT ( 532500.00, 4416500.00)  GC
   91.      32.42416 (04092724) AT ( 531500.00, 4414500.00)  GC
131.      28.94071 (04082224) AT ( 533000.00, 4417500.00)  GC
   92.      32.20011 (04072724) AT ( 533500.00, 4416000.00)  GC
132.      28.86823 (04092924) AT ( 533000.00, 4416000.00)  GC
   93.      32.10907c(04121924) AT ( 533000.00, 4416500.00)  GC
133.      28.85467 (04111324) AT ( 532000.00, 4415000.00)  GC
   94.      31.95234 (04071324) AT ( 533500.00, 4417000.00)  GC
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134. 28.83776 (04101624) AT (533500.00, 4416000.00) GC
95. 31.81742 (04102524) AT (531500.00, 4414000.00) GC
135. 28.81355 (04030224) AT (533500.00, 4417500.00) GC
96. 31.67475 (04101724) AT (533500.00, 4416000.00) GC
136. 28.75446 (04092224) AT (533000.00, 4415500.00) GC
97. 31.56776 (04092824) AT (531500.00, 4416000.00) GC
137. 28.68715c(04042524) AT (531500.00, 4414000.00) GC
98. 31.56332 (04012524) AT (532500.00, 4417500.00) GC
138. 28.68594 (04030924) AT (533500.00, 4417000.00) GC
99. 31.49550 (04041224) AT (533500.00, 4416000.00) GC
139. 28.65429 (04092124) AT (534500.00, 4417000.00) GC
100. 31.42398 (04101224) AT (534000.00, 4417500.00) GC
140. 28.65407 (04123124) AT (533500.00, 4413500.00) GC
101. 31.41340 (04011924) AT (533500.00, 4417500.00) GC
141. 28.56390 (04122224) AT (532000.00, 4416000.00) GC
102. 31.06218 (04123124) AT (532000.00, 4416500.00) GC
142. 28.49159 (04021724) AT (532500.00, 4417500.00) GC
103. 30.88809 (04101524) AT (531500.00, 4414500.00) GC
143. 28.39978 (04102124) AT (533000.00, 4415500.00) GC
104. 30.83481 (04103124) AT (533500.00, 4417000.00) GC
144. 28.32730 (04030324) AT (531500.00, 4416000.00) GC
105. 30.78668 (04102324) AT (533500.00, 4416000.00) GC
145. 27.97102 (04042724) AT (534000.00, 4417500.00) GC
106. 30.68369 (04091924) AT (533500.00, 4416000.00) GC
146. 27.93962 (04082224) AT (533500.00, 4417500.00) GC
107. 30.65128 (04011924) AT (534000.00, 4417500.00) GC
147. 27.90505 (04090124) AT (531500.00, 4416000.00) GC
108. 30.61395 (04102724) AT (533500.00, 4417000.00) GC
148. 27.89236 (04101524) AT (533000.00, 4416000.00) GC
109. 30.57102 (04042624) AT (533500.00, 4416000.00) GC
149. 27.86111 (04021824) AT (533500.00, 4417000.00) GC
110. 30.55779c(04102624) AT (531500.00, 4416000.00) GC

150. 27.85005 (04091624) AT (531500.00, 4414500.00) GC
111. 30.51737 (04112324) AT (534000.00, 4417500.00) GC
151. 27.83872 (04082824) AT (533500.00, 4416000.00) GC
112. 30.50266 (04111324) AT (533000.00, 4416000.00) GC
152. 27.82027 (04092024) AT (531500.00, 4414500.00) GC
113. 30.48915 (04080424) AT (533500.00, 4416000.00) GC
153. 27.80882 (04032324) AT (533500.00, 4416000.00) GC
114. 30.47381 (04071124) AT (534000.00, 4417500.00) GC
154. 27.78537 (04060924) AT (534000.00, 4417500.00) GC
115. 30.34442 (04112924) AT (532000.00, 4417500.00) GC
155. 27.72543 (04021824) AT (533000.00, 4416500.00) GC
116. 30.26777 (04071224) AT (533500.00, 4416000.00) GC
156. 27.54257c(04020224) AT (532500.00, 4417500.00) GC
117. 30.24335 (04031124) AT (532500.00, 4415000.00) GC
157. 27.54141 (04012624) AT (532000.00, 4417500.00) GC
118. 30.11124 (04121624) AT (533500.00, 4416000.00) GC
158. 27.34186 (04092024) AT (531500.00, 4414000.00) GC
119. 30.04116c(04110124) AT (533000.00, 4415500.00) GC
159. 27.33810c(04122424) AT (531500.00, 4416000.00) GC
120. 30.02885 (04102424) AT (531500.00, 4414500.00) GC
160. 27.33556 (04102424) AT (531500.00, 4414000.00) GC

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
161.	27.25233	(04101624)	AT (533000.00, 4415500.00)	GC
201.	25.17715	(04102224)	AT (533000.00, 4416000.00)	GC
162.	27.15539	(04041324)	AT (532000.00, 4416500.00)	GC
202.	25.17341	(04101524)	AT (533000.00, 4415500.00)	GC
163.	27.15244	(04030224)	AT (532000.00, 4416500.00)	GC
203.	25.16244	(04011024)	AT (532000.00, 4416500.00)	GC
164.	27.06184	(04020424)	AT (533000.00, 4416500.00)	GC
204.	25.13529	(04122224)	AT (533000.00, 4417000.00)	GC
165.	27.03839	(04102324)	AT (534500.00, 4417000.00)	GC
205.	25.13042	(04091624)	AT (531500.00, 4414000.00)	GC
166.	26.95731	(04111324)	AT (531500.00, 4414000.00)	GC
206.	24.98416	(04031224)	AT (532000.00, 4414500.00)	GC
167.	26.94624c	(04121924)	AT (533500.00, 4417000.00)	GC
207.	24.96709	(04083124)	AT (531500.00, 4414500.00)	GC
168.	26.86515	(04121024)	AT (533000.00, 4415500.00)	GC
208.	24.87572	(04102324)	AT (531500.00, 4414500.00)	GC
169.	26.84221	(04062524)	AT (534000.00, 4417500.00)	GC
209.	24.85637	(04052224)	AT (534000.00, 4416500.00)	GC
170.	26.82762c	(04121924)	AT (532500.00, 4416500.00)	GC
210.	24.85334	(04122824)	AT (533000.00, 4416500.00)	GC

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  171.      26.70294 (04020424) AT ( 532000.00, 4416000.00)  GC
211.      24.76510 (04061224) AT ( 533500.00, 4416000.00)  GC
  172.      26.68510c(04031924) AT ( 533000.00, 4417500.00)  GC
212.      24.75820 (04080324) AT ( 533500.00, 4417500.00)  GC
  173.      26.60088 (04122924) AT ( 533500.00, 4417000.00)  GC
213.      24.75221 (04111124) AT ( 533000.00, 4410000.00)  GC
  174.      26.56008 (04102124) AT ( 533000.00, 4416000.00)  GC
214.      24.69329c(04122724) AT ( 533000.00, 4415500.00)  GC
  175.      26.53437 (04112824) AT ( 534000.00, 4417500.00)  GC
215.      24.64953 (04121024) AT ( 533000.00, 4416000.00)  GC
  176.      26.52141 (04012524) AT ( 532000.00, 4417500.00)  GC
216.      24.62296 (04061124) AT ( 533500.00, 4416000.00)  GC
  177.      26.51128 (04052324) AT ( 533500.00, 4416000.00)  GC
217.      24.60491 (04100324) AT ( 533000.00, 4416500.00)  GC
  178.      26.40621c(04020224) AT ( 533000.00, 4417500.00)  GC
218.      24.59570 (04082224) AT ( 533500.00, 4416000.00)  GC
  179.      26.32043 (04092824) AT ( 534000.00, 4417500.00)  GC
219.      24.57104 (04102524) AT ( 533000.00, 4415500.00)  GC
  180.      26.29487 (04112924) AT ( 534500.00, 4417500.00)  GC
220.      24.43603 (04102424) AT ( 533000.00, 4416000.00)  GC
  181.      26.29179 (04020424) AT ( 532500.00, 4416500.00)  GC
221.      24.39893 (04102824) AT ( 533500.00, 4416000.00)  GC
  182.      26.24769 (04011824) AT ( 534000.00, 4417500.00)  GC
222.      24.37708 (04121224) AT ( 532500.00, 4417500.00)  GC
  183.      26.23134 (04030724) AT ( 533500.00, 4416000.00)  GC
223.      24.35418 (04121024) AT ( 533500.00, 4416000.00)  GC
  184.      26.20405 (04091324) AT ( 534000.00, 4416500.00)  GC
224.      24.34340 (04110224) AT ( 531500.00, 4414000.00)  GC
  185.      26.18806 (04031124) AT ( 532000.00, 4414500.00)  GC
225.      24.31484 (04121024) AT ( 532500.00, 4415500.00)  GC
  186.      26.11012 (04021624) AT ( 532500.00, 4417500.00)  GC
226.      24.30268 (04122824) AT ( 534000.00, 4417500.00)  GC
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  187.      26.02666 (04092924) AT ( 533000.00, 4415500.00)  GC
227.      24.28558 (04021624) AT ( 532000.00, 4417500.00)  GC
  188.      26.01387 (04122824) AT ( 533500.00, 4417000.00)  GC
228.      24.25542 (04062924) AT ( 534000.00, 4417000.00)  GC
  189.      25.77107 (04011124) AT ( 533500.00, 4417000.00)  GC
229.      24.24807 (04043024) AT ( 533500.00, 4416000.00)  GC
  190.      25.75810 (04012524) AT ( 533000.00, 4417500.00)  GC
230.      24.23732 (04101424) AT ( 533500.00, 4416000.00)  GC
  191.      25.71038 (04102524) AT ( 531500.00, 4414500.00)  GC
231.      24.14077 (04040924) AT ( 533500.00, 4416000.00)  GC
  192.      25.67764 (04031224) AT ( 532500.00, 4415000.00)  GC
232.      24.07626 (04011524) AT ( 533000.00, 4418500.00)  GC
  193.      25.59757 (04121824) AT ( 533500.00, 4416000.00)  GC
233.      24.06729 (04102124) AT ( 533500.00, 4416000.00)  GC
  194.      25.50050 (04072124) AT ( 534000.00, 4417500.00)  GC
234.      24.00749 (04082324) AT ( 533500.00, 4416000.00)  GC
  195.      25.42555 (04011824) AT ( 533000.00, 4423500.00)  GC
235.      23.95456 (04120824) AT ( 533500.00, 4417000.00)  GC
  196.      25.39969 (04121024) AT ( 532000.00, 4415000.00)  GC
236.      23.93443 (04110524) AT ( 533500.00, 4416000.00)  GC
  197.      25.37271 (04012424) AT ( 533000.00, 4418500.00)  GC
237.      23.89013 (04020424) AT ( 533500.00, 4416500.00)  GC
  198.      25.32743 (04112924) AT ( 532500.00, 4417500.00)  GC
238.      23.82050 (04091324) AT ( 531500.00, 4414500.00)  GC
  199.      25.23620 (04020524) AT ( 533500.00, 4417500.00)  GC
239.      23.78040 (04093024) AT ( 533500.00, 4416000.00)  GC
  200.      25.19910 (04092724) AT ( 534000.00, 4416500.00)  GC
240.      23.76512 (04102024) AT ( 532000.00, 4416500.00)  GC
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/24/11
                                   ***
                                   ***        19:46:59
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**MODELOPTs: RegDFAULT CONC
 ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
241.	23.72339	(04081424)	AT (533500.00, 4416000.00) GC	281.	22.81102	(04110924)	AT (533500.00, 4416000.00) GC
242.	23.71970	(04031124)	AT (532500.00, 4415500.00) GC	282.	22.78859c	(04121924)	AT (532500.00, 4416000.00) GC
243.	23.71447	(04082624)	AT (533500.00, 4416000.00) GC	283.	22.78028	(04091924)	AT (534000.00, 4417500.00) GC
244.	23.69478	(04092724)	AT (531000.00, 4413500.00) GC	284.	22.77581	(04121224)	AT (533000.00, 4417500.00) GC
245.	23.69185	(04091124)	AT (533500.00, 4416000.00) GC	285.	22.77308	(04101524)	AT (534500.00, 4417000.00) GC
246.	23.67881	(04020424)	AT (532000.00, 4416500.00) GC	286.	22.68855c	(04110124)	AT (533000.00, 4416000.00) GC
247.	23.66319	(04110624)	AT (534500.00, 4417500.00) GC				

287. 22.68519 (04030924) AT (531500.00, 4416000.00) GC
248. 23.59470 (04042924) AT (533500.00, 4416000.00) GC
288. 22.63167 (04041024) AT (531500.00, 4416000.00) GC
249. 23.57034 (04092124) AT (534000.00, 4416500.00) GC
289. 22.62198 (04041324) AT (531500.00, 4416500.00) GC
250. 23.56629c(04042524) AT (533000.00, 4415500.00) GC
290. 22.61422 (04082524) AT (533500.00, 4416000.00) GC
251. 23.55284 (04110224) AT (531500.00, 4414500.00) GC
291. 22.59571 (04102124) AT (532000.00, 4415000.00) GC
252. 23.53760 (04121624) AT (533000.00, 4415500.00) GC
292. 22.57712 (04030224) AT (532500.00, 4417000.00) GC
253. 23.51515 (04041224) AT (531500.00, 4414500.00) GC
293. 22.53620 (04092224) AT (532500.00, 4415000.00) GC
254. 23.50573 (04061524) AT (531500.00, 4416000.00) GC
294. 22.52639 (04071324) AT (533000.00, 4416500.00) GC
255. 23.49131c(04010324) AT (532500.00, 4417500.00) GC
295. 22.52544 (04092924) AT (529000.00, 4413000.00) GC
256. 23.41359 (04092124) AT (531500.00, 4414500.00) GC
296. 22.50763 (04111324) AT (528000.00, 4411500.00) GC
257. 23.40574 (04121624) AT (531500.00, 4416000.00) GC
297. 22.49150 (04011724) AT (531500.00, 4416000.00) GC
258. 23.39098 (04101924) AT (533500.00, 4416000.00) GC
298. 22.46371 (04092724) AT (533000.00, 4415500.00) GC
259. 23.38247 (04092424) AT (533500.00, 4416000.00) GC
299. 22.43261 (04102424) AT (532000.00, 4415000.00) GC
260. 23.37459 (04121624) AT (534000.00, 4417000.00) GC
300. 22.39903 (04102124) AT (532500.00, 4415000.00) GC
261. 23.36851 (04102724) AT (531500.00, 4416000.00) GC
301. 22.33695 (04092224) AT (533000.00, 4416000.00) GC
262. 23.27171 (04123124) AT (533000.00, 4417000.00) GC
302. 22.25966 (04110524) AT (533500.00, 4417500.00) GC
263. 23.25227 (04083124) AT (531500.00, 4414000.00) GC

303. 22.23356 (04122224) AT (532000.00, 4416500.00) GC
264. 23.20020 (04102224) AT (531500.00, 4414500.00) GC
304. 22.22849 (04091424) AT (533000.00, 4415500.00) GC
265. 23.14133 (04122224) AT (532500.00, 4416000.00) GC
305. 22.22495 (04120124) AT (534000.00, 4417500.00) GC
266. 23.12364 (04092924) AT (531500.00, 4415000.00) GC
306. 22.21735 (04122824) AT (533000.00, 4417000.00) GC
267. 23.09719 (04021824) AT (532500.00, 4416500.00) GC
307. 22.21161 (04030924) AT (533000.00, 4415500.00) GC
268. 23.06689 (04031124) AT (533500.00, 4416000.00) GC
308. 22.20664 (04121224) AT (532000.00, 4417500.00) GC
269. 23.05919 (04072424) AT (533500.00, 4416000.00) GC
309. 22.18358 (04020124) AT (534000.00, 4417500.00) GC
270. 23.05132 (04111424) AT (531500.00, 4414500.00) GC
310. 22.17709 (04103024) AT (531500.00, 4414000.00) GC
271. 23.04793 (04103124) AT (533000.00, 4416500.00) GC
311. 22.14609 (04122824) AT (532500.00, 4416500.00) GC
272. 23.02880 (04103124) AT (532500.00, 4416500.00) GC
312. 22.10171 (04040424) AT (534000.00, 4417500.00) GC
273. 23.02274 (04122224) AT (533500.00, 4416500.00) GC
313. 22.06162 (04071324) AT (532500.00, 4416500.00) GC
274. 23.01061 (04122824) AT (533500.00, 4417500.00) GC
314. 22.04130 (04102124) AT (532500.00, 4415500.00) GC
275. 22.98675 (04110524) AT (531500.00, 4416000.00) GC
315. 22.01338c(04020224) AT (532000.00, 4417500.00) GC
276. 22.98035 (04091324) AT (531500.00, 4414000.00) GC
316. 21.88168 (04102024) AT (531500.00, 4416000.00) GC
277. 22.94344 (04111324) AT (534000.00, 4416500.00) GC
317. 21.86024 (04030924) AT (533000.00, 4416500.00) GC
278. 22.94215 (04020424) AT (533000.00, 4417000.00) GC
318. 21.84873 (04031124) AT (532000.00, 4415000.00) GC
279. 22.90845 (04040724) AT (531500.00, 4416000.00) GC

319. 21.80885 (04083024) AT (531500.00, 4414500.00) GC
  280. 22.85976 (04052224) AT (534500.00, 4417000.00) GC
320. 21.76518 (04102424) AT (533500.00, 4416500.00) GC

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT.,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
321.	21.70480	(04101524) AT	(534000.00, 4416500.00) GC	361.	20.76095	(04110524) AT	(533500.00, 4417000.00) GC
322.	21.69035	(04092224) AT	(532000.00, 4415000.00) GC	362.	20.75715	(04030924) AT	(532500.00, 4416500.00) GC
323.	21.67708c	(04031924) AT	(533500.00, 4417500.00) GC	363.	20.72482c	(04121924) AT	(533000.00, 4417000.00) GC

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  324.      21.67419 (04092824) AT ( 534000.00, 4417000.00)  GC
364.      20.70853 (04121324) AT ( 533000.00, 4417500.00)  GC
  325.      21.46340 (04030624) AT ( 534000.00, 4417500.00)  GC
365.      20.69562 (04123124) AT ( 531500.00, 4416500.00)  GC
  326.      21.43474 (04031224) AT ( 532500.00, 4415500.00)  GC
366.      20.66962 (04111324) AT ( 534500.00, 4417000.00)  GC
  327.      21.42090 (04103124) AT ( 531500.00, 4416000.00)  GC
367.      20.66791 (04110924) AT ( 533000.00, 4416500.00)  GC
  328.      21.40099 (04082724) AT ( 533500.00, 4413500.00)  GC
368.      20.63788 (04121024) AT ( 531500.00, 4414500.00)  GC
  329.      21.39878 (04031624) AT ( 531500.00, 4416000.00)  GC
369.      20.63372 (04111024) AT ( 533000.00, 4410000.00)  GC
  330.      21.37674c(04110124) AT ( 534000.00, 4416500.00)  GC
370.      20.61941 (04080824) AT ( 533500.00, 4416000.00)  GC
  331.      21.33158 (04041224) AT ( 533000.00, 4415500.00)  GC
371.      20.61483 (04102924) AT ( 531500.00, 4414500.00)  GC
  332.      21.30737 (04032324) AT ( 534000.00, 4417500.00)  GC
372.      20.61441 (04080224) AT ( 533500.00, 4416000.00)  GC
  333.      21.27081 (04020424) AT ( 528500.00, 4414500.00)  GC
373.      20.52308 (04030824) AT ( 533500.00, 4416000.00)  GC
  334.      21.26602 (04051824) AT ( 533500.00, 4416000.00)  GC
374.      20.51429 (04123024) AT ( 533000.00, 4415500.00)  GC
  335.      21.21023 (04013124) AT ( 532500.00, 4415500.00)  GC
375.      20.50676 (04013124) AT ( 533000.00, 4415500.00)  GC
  336.      21.17947c(04110124) AT ( 534500.00, 4417000.00)  GC
376.      20.49379 (04121024) AT ( 532500.00, 4415000.00)  GC
  337.      21.15075 (04082124) AT ( 532500.00, 4416500.00)  GC
377.      20.44210c(04110124) AT ( 531500.00, 4414000.00)  GC
  338.      21.13835 (04092624) AT ( 531500.00, 4414500.00)  GC
378.      20.41718 (04121624) AT ( 531500.00, 4414000.00)  GC
  339.      21.11659 (04111224) AT ( 531500.00, 4414500.00)  GC
379.      20.40979 (04102324) AT ( 533000.00, 4416000.00)  GC
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  340.      21.07849 (04041724) AT ( 533500.00, 4416000.00)  GC
380.      20.38647 (04091424) AT ( 534000.00, 4416500.00)  GC
  341.      21.06632 (04082224) AT ( 534000.00, 4417500.00)  GC
381.      20.36855 (04060524) AT ( 531500.00, 4416000.00)  GC
  342.      21.04823 (04082124) AT ( 532000.00, 4416500.00)  GC
382.      20.33760 (04092224) AT ( 532500.00, 4415500.00)  GC
  343.      20.99149 (04021824) AT ( 533500.00, 4416500.00)  GC
383.      20.33705 (04100324) AT ( 532500.00, 4416500.00)  GC
  344.      20.98264 (04071324) AT ( 533500.00, 4416500.00)  GC
384.      20.33595 (04101424) AT ( 533000.00, 4416000.00)  GC
  345.      20.97801 (04021624) AT ( 533000.00, 4417500.00)  GC
385.      20.31064 (04121724) AT ( 531500.00, 4416000.00)  GC
  346.      20.95887 (04052224) AT ( 531500.00, 4414500.00)  GC
386.      20.28604 (04121324) AT ( 532500.00, 4417500.00)  GC
  347.      20.95381 (04101524) AT ( 532000.00, 4415000.00)  GC
387.      20.28577 (04102924) AT ( 533000.00, 4415500.00)  GC
  348.      20.95353 (04011924) AT ( 532500.00, 4417500.00)  GC
388.      20.26783 (04082124) AT ( 533000.00, 4416500.00)  GC
  349.      20.94584 (04100324) AT ( 533500.00, 4417000.00)  GC
389.      20.26313 (04101924) AT ( 533000.00, 4415500.00)  GC
  350.      20.92040 (04102724) AT ( 532000.00, 4416500.00)  GC
390.      20.23505 (04030224) AT ( 532000.00, 4416000.00)  GC
  351.      20.88634 (04111324) AT ( 532000.00, 4414500.00)  GC
391.      20.21373 (04011024) AT ( 533500.00, 4416000.00)  GC
  352.      20.88505 (04072524) AT ( 533500.00, 4416000.00)  GC
392.      20.21180 (04102124) AT ( 532000.00, 4414500.00)  GC
  353.      20.88399 (04091424) AT ( 531500.00, 4414500.00)  GC
393.      20.20905c(04052124) AT ( 533000.00, 4415500.00)  GC
  354.      20.87836 (04092224) AT ( 532000.00, 4414500.00)  GC
394.      20.14217 (04092224) AT ( 533500.00, 4416500.00)  GC
  355.      20.87404 (04031524) AT ( 533500.00, 4416000.00)  GC
395.      20.12216 (04111124) AT ( 533500.00, 4413500.00)  GC
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  356.   20.86704 (04021824) AT (532500.00, 4416000.00) GC
396.   20.10385 (04112724) AT (534000.00, 4417500.00) GC
  357.   20.81042 (04042024) AT (532000.00, 4417500.00) GC
397.   20.08657 (04090824) AT (531500.00, 4414000.00) GC
  358.   20.80996c(04010324) AT (533000.00, 4417500.00) GC
398.   20.08282 (04051924) AT (533000.00, 4415500.00) GC
  359.   20.78512 (04110924) AT (532500.00, 4416500.00) GC
399.   20.03082 (04030924) AT (533500.00, 4416000.00) GC
  360.   20.77227 (04103024) AT (531500.00, 4416000.00) GC
400.   20.01275 (04042024) AT (533000.00, 4417000.00) GC
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
                                  ***
                                  ***   19:46:59

                                             PAGE 157
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                  *** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 2ALT   ***
                                    INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   , ON.ISIT.,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE
 -

401. 19.97374 (04102924) AT (531000.00, 4413500.00) GC
441. 19.05731 (04102424) AT (532500.00, 4415500.00) GC
402. 19.95209 (04121724) AT (534000.00, 4417000.00) GC
442. 19.02201 (04051724) AT (533000.00, 4417500.00) GC
403. 19.95149 (04092624) AT (534000.00, 4416500.00) GC
443. 19.01399 (04102124) AT (533500.00, 4416500.00) GC
404. 19.91026 (04090724) AT (533500.00, 4416000.00) GC
444. 18.94757 (04020524) AT (532000.00, 4417500.00) GC
405. 19.90736 (04072624) AT (531500.00, 4416000.00) GC
445. 18.94676 (04111324) AT (529000.00, 4412500.00) GC
406. 19.90580 (04093024) AT (531500.00, 4414000.00) GC
446. 18.94337 (04110724) AT (531500.00, 4414500.00) GC
407. 19.88726 (04103124) AT (532000.00, 4416000.00) GC
447. 18.93458 (04091324) AT (534500.00, 4417000.00) GC
408. 19.88237 (04101424) AT (533000.00, 4415500.00) GC
448. 18.88740 (04121024) AT (533500.00, 4416500.00) GC
409. 19.87608 (04100224) AT (531500.00, 4414500.00) GC
449. 18.88003 (04011024) AT (532500.00, 4416500.00) GC
410. 19.83184 (04123124) AT (532000.00, 4416000.00) GC
450. 18.87196 (04071324) AT (532000.00, 4416500.00) GC
411. 19.79159 (04081324) AT (531500.00, 4416000.00) GC
451. 18.87133 (04030224) AT (532500.00, 4417500.00) GC
412. 19.74351 (04030824) AT (528500.00, 4414500.00) GC
452. 18.86429 (04012624) AT (533000.00, 4417000.00) GC
413. 19.68290 (04060424) AT (533500.00, 4416000.00) GC
453. 18.84583 (04052424) AT (534000.00, 4417500.00) GC
414. 19.67810 (04122824) AT (533000.00, 4417500.00) GC
454. 18.79221 (04072324) AT (534000.00, 4417500.00) GC
415. 19.64112 (04031524) AT (531500.00, 4416000.00) GC
455. 18.78677 (04101424) AT (531500.00, 4414500.00) GC
416. 19.56323 (04080424) AT (531500.00, 4414500.00) GC

456. 18.77535 (04013124) AT (532000.00, 4415000.00) GC
417. 19.56069 (04061324) AT (531500.00, 4414000.00) GC
457. 18.76481 (04030924) AT (532000.00, 4416500.00) GC
418. 19.54884 (04040924) AT (534000.00, 4417500.00) GC
458. 18.76174 (04013124) AT (532500.00, 4415000.00) GC
419. 19.53235 (04111424) AT (533000.00, 4416000.00) GC
459. 18.70927c(04121924) AT (533500.00, 4416500.00) GC
420. 19.47597 (04080524) AT (533500.00, 4417000.00) GC
460. 18.67812 (04110724) AT (531500.00, 4414000.00) GC
421. 19.45617 (04120624) AT (533000.00, 4415500.00) GC
461. 18.66903 (04091624) AT (534000.00, 4416500.00) GC
422. 19.44938 (04090924) AT (531500.00, 4414500.00) GC
462. 18.66746 (04090224) AT (531500.00, 4414500.00) GC
423. 19.44168c(04110124) AT (532000.00, 4415000.00) GC
463. 18.59885 (04111624) AT (534000.00, 4417500.00) GC
424. 19.37848 (04103124) AT (532000.00, 4416500.00) GC
464. 18.52552 (04093024) AT (533000.00, 4415500.00) GC
425. 19.33257 (04120324) AT (533000.00, 4417500.00) GC
465. 18.52140 (04092924) AT (529000.00, 4412500.00) GC
426. 19.31699 (04092324) AT (534000.00, 4417500.00) GC
466. 18.51792 (04102524) AT (531000.00, 4413500.00) GC
427. 19.31354 (04121724) AT (534000.00, 4417500.00) GC
467. 18.48270 (04092924) AT (532000.00, 4415000.00) GC
428. 19.30643 (04101624) AT (531500.00, 4414000.00) GC
468. 18.48220c(04100124) AT (541500.00, 4419500.00) GC
429. 19.30201 (04091924) AT (531500.00, 4414000.00) GC
469. 18.47866 (04041824) AT (533500.00, 4416000.00) GC
430. 19.26578 (04091424) AT (531500.00, 4414000.00) GC
470. 18.47355 (04083024) AT (531500.00, 4416500.00) GC
431. 19.25984 (04101924) AT (531500.00, 4414000.00) GC
471. 18.46481 (04090124) AT (534000.00, 4417000.00) GC
432. 19.24170 (04092924) AT (531500.00, 4414000.00) GC

472. 18.40218 (04080124) AT (534500.00, 4417000.00) GC
  433. 19.23802 (04120624) AT (533000.00, 4416000.00) GC
473. 18.37234 (04091624) AT (531000.00, 4413500.00) GC
  434. 19.22696 (04073124) AT (534000.00, 4417000.00) GC
474. 18.35665 (04031224) AT (532000.00, 4415000.00) GC
  435. 19.21666 (04033124) AT (534000.00, 4417000.00) GC
475. 18.35106 (04012524) AT (533500.00, 4418000.00) GC
  436. 19.17977 (04031124) AT (532000.00, 4414000.00) GC
476. 18.32193 (04110624) AT (531500.00, 4414000.00) GC
  437. 19.17853 (04082224) AT (532500.00, 4417500.00) GC
477. 18.31420 (04122924) AT (533000.00, 4416500.00) GC
  438. 19.15089 (04100624) AT (534000.00, 4417500.00) GC
478. 18.31124 (04030924) AT (532000.00, 4416000.00) GC
  439. 19.14367 (04092924) AT (528500.00, 4412500.00) GC
479. 18.30816 (04122824) AT (531500.00, 4416000.00) GC
  440. 19.07507 (04092724) AT (528000.00, 4411000.00) GC
480. 18.29397 (04101124) AT (533500.00, 4416000.00) GC
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/24/11
 ***
 *** 19:46:59

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 **MODELOPTs: RegDFAULT CONC
  ELEV

 *** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT ***
 INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT.,

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

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
481.	18.28997c	(04010324)	AT	(532000.00, 4417500.00)	GC	491.	18.16234	(04050524)	AT	(533500.00, 4416000.00)	GC
482.	18.26794	(04072124)	AT	(534500.00, 4417500.00)	GC	492.	18.13080	(04050124)	AT	(533500.00, 4416000.00)	GC
483.	18.23657	(04092024)	AT	(534000.00, 4416500.00)	GC	493.	18.11072	(04030224)	AT	(532000.00, 4417500.00)	GC
484.	18.23198	(04080824)	AT	(534500.00, 4417000.00)	GC	494.	18.09439	(04111324)	AT	(528000.00, 4412000.00)	GC
485.	18.21504	(04103124)	AT	(533500.00, 4416500.00)	GC	495.	18.08589	(04102524)	AT	(534000.00, 4416500.00)	GC
486.	18.21313	(04020424)	AT	(534000.00, 4417000.00)	GC	496.	18.08233	(04110924)	AT	(533000.00, 4417000.00)	GC
487.	18.20853	(04052324)	AT	(534000.00, 4416500.00)	GC	497.	18.07281	(04071024)	AT	(533500.00, 4416000.00)	GC
488.	18.20641	(04063024)	AT	(533500.00, 4416000.00)	GC	498.	18.07038	(04103024)	AT	(531500.00, 4414500.00)	GC
489.	18.20370	(04080924)	AT	(533500.00, 4416000.00)	GC	499.	18.03643	(04011024)	AT	(531500.00, 4416500.00)	GC
490.	18.17958	(04062624)	AT	(534000.00, 4417500.00)	GC	500.	18.03529	(04031024)	AT	(533500.00, 4418000.00)	GC

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

DP = DISCPOLR
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/24/11
 ***
 *** 19:46:59

 **MODELOPTs: RegDFAULT CONC
  ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
 INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE		RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
1.	113.62964	(04110624)	AT (534000.00, 4417500.00)	GC	41.	41.99117	(04061324)	AT (533500.00, 4416000.00)	GC
2.	78.98216	(04112924)	AT (534000.00, 4417500.00)	GC	42.	41.62100	(04042024)	AT (534000.00, 4417500.00)	GC
3.	73.50918	(04092724)	AT (533500.00, 4416000.00)	GC	43.	41.43750	(04121324)	AT (534000.00, 4417500.00)	GC
4.	71.58853	(04021724)	AT (534000.00, 4417500.00)	GC	44.	41.35551c	(04020224)	AT (533500.00, 4417500.00)	GC

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    5.      63.68280 (04111324) AT ( 533500.00, 4416000.00)  GC
45.       40.80549 (04012624) AT ( 532500.00, 4417500.00)  GC
    6.      61.41862 (04012624) AT ( 533500.00, 4417500.00)  GC
46.       40.78263 (04122224) AT ( 533000.00, 4416500.00)  GC
    7.      60.26098 (04110624) AT ( 533500.00, 4417500.00)  GC
47.       40.48821 (04041324) AT ( 533500.00, 4417000.00)  GC
    8.      59.86621 (04091324) AT ( 533500.00, 4416000.00)  GC
48.       40.32614 (04111424) AT ( 533500.00, 4416000.00)  GC
    9.      58.62116 (04091624) AT ( 533500.00, 4416000.00)  GC
49.       39.77304 (04103024) AT ( 533500.00, 4416000.00)  GC
   10.      56.93222 (04102924) AT ( 533500.00, 4416000.00)  GC
50.       39.66799 (04080324) AT ( 534000.00, 4417500.00)  GC
   11.      56.67096 (04012624) AT ( 534000.00, 4417500.00)  GC
51.       39.32231 (04092924) AT ( 534500.00, 4417000.00)  GC
   12.      56.40750 (04012524) AT ( 534000.00, 4417500.00)  GC
52.       39.02877 (04111324) AT ( 533000.00, 4415500.00)  GC
   13.      55.85826 (04021624) AT ( 534000.00, 4417500.00)  GC
53.       38.85038 (04021624) AT ( 533500.00, 4417500.00)  GC
   14.      55.38970 (04092924) AT ( 533500.00, 4416000.00)  GC
54.       37.81622 (04112924) AT ( 533500.00, 4417500.00)  GC
   15.      54.76151 (04012624) AT ( 533000.00, 4417500.00)  GC
55.       37.71860 (04102224) AT ( 533500.00, 4416000.00)  GC
   16.      53.83714c(04110124) AT ( 533500.00, 4416000.00)  GC
56.       37.65292 (04092924) AT ( 531500.00, 4414500.00)  GC
   17.      53.78850 (04092024) AT ( 533500.00, 4416000.00)  GC
57.       37.60362 (04111224) AT ( 533500.00, 4416000.00)  GC
   18.      53.77791 (04102524) AT ( 533500.00, 4416000.00)  GC
58.       37.38754c(04010324) AT ( 534000.00, 4417500.00)  GC
   19.      51.74018 (04121224) AT ( 534000.00, 4417500.00)  GC
59.       36.54904 (04020424) AT ( 533500.00, 4417000.00)  GC
   20.      49.57445 (04110624) AT ( 532000.00, 4417500.00)  GC
60.       36.51834 (04030824) AT ( 531500.00, 4416000.00)  GC
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   21.      48.67901 (04083124) AT ( 533500.00, 4416000.00)  GC
61.      36.50898c(04110124) AT ( 531500.00, 4414500.00)  GC
   22.      48.56678 (04102424) AT ( 533500.00, 4416000.00)  GC
62.      36.28042 (04121224) AT ( 533500.00, 4417500.00)  GC
   23.      48.08588c(04020224) AT ( 534000.00, 4417500.00)  GC
63.      36.02953 (04020424) AT ( 531500.00, 4416000.00)  GC
   24.      46.78769 (04091424) AT ( 533500.00, 4416000.00)  GC
64.      35.97999 (04030224) AT ( 533000.00, 4417000.00)  GC
   25.      46.72942 (04123124) AT ( 533500.00, 4417000.00)  GC
65.      35.61260 (04083024) AT ( 533500.00, 4416000.00)  GC
   26.      46.69410 (04090824) AT ( 533500.00, 4416000.00)  GC
66.      35.26552 (04090924) AT ( 533500.00, 4416000.00)  GC
   27.      46.30743 (04012524) AT ( 533500.00, 4417500.00)  GC
67.      35.18324 (04041124) AT ( 534000.00, 4417500.00)  GC
   28.      46.14395 (04030224) AT ( 533500.00, 4417000.00)  GC
68.      35.17045 (04122224) AT ( 532500.00, 4416500.00)  GC
   29.      45.49599 (04110224) AT ( 533500.00, 4416000.00)  GC
69.      34.94085 (04122224) AT ( 533500.00, 4417000.00)  GC
   30.      45.10410 (04111324) AT ( 531500.00, 4414500.00)  GC
70.      34.93471 (04011024) AT ( 533500.00, 4417000.00)  GC
   31.      45.03838 (04092124) AT ( 533500.00, 4416000.00)  GC
71.      34.91320c(04010324) AT ( 533500.00, 4417500.00)  GC
   32.      44.19750 (04092624) AT ( 533500.00, 4416000.00)  GC
72.      34.84235 (04031124) AT ( 533000.00, 4415500.00)  GC
   33.      43.59855 (04020524) AT ( 534000.00, 4417500.00)  GC
73.      34.61198 (04031224) AT ( 533000.00, 4415500.00)  GC
   34.      43.36820 (04030224) AT ( 534000.00, 4417500.00)  GC
74.      34.61035 (04100224) AT ( 533500.00, 4416000.00)  GC
   35.      43.33269 (04042024) AT ( 533500.00, 4417500.00)  GC
75.      34.55959 (04092724) AT ( 531500.00, 4414000.00)  GC
   36.      42.78477 (04052224) AT ( 533500.00, 4416000.00)  GC
76.      34.51548 (04082124) AT ( 533500.00, 4417000.00)  GC
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   37.   42.43137 (04021724) AT (533500.00, 4417500.00) GC
77.   34.49985 (04102024) AT (533500.00, 4417000.00) GC
   38.   42.28169 (04101524) AT (533500.00, 4416000.00) GC
78.   34.16199 (04110524) AT (534000.00, 4417500.00) GC
   39.   42.09164 (04110624) AT (532500.00, 4417500.00) GC
79.   34.15058 (04110724) AT (533500.00, 4416000.00) GC
   40.   41.99935 (04042024) AT (533000.00, 4417500.00) GC
80.   34.10746 (04012424) AT (534000.00, 4417500.00) GC
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
                                  ***
                                  ***   19:46:59

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 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 3ALT-KUM ***
                                  INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   , ON.ISIT., CALIK1   , CALIK2   , CALIK3   ,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE
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- -
   81.   34.07207 (04030224) AT (532500.00, 4416500.00) GC

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121.      30.10782 (04102424) AT ( 531500.00, 4414500.00)  GC
   82.      33.85983 (04103124) AT ( 533500.00, 4416000.00)  GC
122.      30.09138 (04021724) AT ( 532000.00, 4417500.00)  GC
   83.      33.72566c(04042524) AT ( 533500.00, 4416000.00)  GC
123.      30.05798 (04092924) AT ( 534000.00, 4416500.00)  GC
   84.      33.26800 (04030224) AT ( 533000.00, 4416500.00)  GC
124.      30.04356 (04123024) AT ( 533500.00, 4416000.00)  GC
   85.      33.18567 (04072924) AT ( 534000.00, 4417500.00)  GC
125.      29.94107 (04110924) AT ( 533500.00, 4417000.00)  GC
   86.      32.78583 (04032124) AT ( 534000.00, 4417500.00)  GC
126.      29.91075 (04123124) AT ( 533000.00, 4416500.00)  GC
   87.      32.76535 (04090224) AT ( 533500.00, 4416000.00)  GC
127.      29.89496 (04121324) AT ( 533500.00, 4417500.00)  GC
   88.      32.73073 (04110624) AT ( 533500.00, 4416000.00)  GC
128.      29.75633 (04060724) AT ( 533500.00, 4416000.00)  GC
   89.      32.60388 (04102424) AT ( 533000.00, 4415500.00)  GC
129.      29.52487 (04042024) AT ( 532500.00, 4417500.00)  GC
   90.      32.50074 (04092724) AT ( 531500.00, 4414500.00)  GC
130.      29.30748 (04030124) AT ( 531500.00, 4416000.00)  GC
   91.      32.46551 (04102924) AT ( 531500.00, 4414000.00)  GC
131.      29.22465 (04122224) AT ( 532000.00, 4416000.00)  GC
   92.      32.38048c(04121924) AT ( 533000.00, 4416500.00)  GC
132.      29.15387 (04123124) AT ( 532500.00, 4416500.00)  GC
   93.      32.24025 (04072724) AT ( 533500.00, 4416000.00)  GC
133.      29.14661 (04111324) AT ( 532000.00, 4415000.00)  GC
   94.      31.98815 (04071324) AT ( 533500.00, 4417000.00)  GC
134.      29.11591 (04030924) AT ( 533500.00, 4417000.00)  GC
   95.      31.97063 (04102524) AT ( 531500.00, 4414000.00)  GC
135.      28.97111 (04092924) AT ( 533000.00, 4416000.00)  GC
   96.      31.74789 (04101224) AT ( 534000.00, 4417500.00)  GC
136.      28.91155 (04101624) AT ( 533500.00, 4416000.00)  GC
   97.      31.69095 (04092824) AT ( 531500.00, 4416000.00)  GC
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137.      28.85353 (04030224) AT ( 533500.00, 4417500.00)  GC
   98.      31.68583 (04101724) AT ( 533500.00, 4416000.00)  GC
138.      28.83467 (04092224) AT ( 533000.00, 4415500.00)  GC
   99.      31.57226 (04012524) AT ( 532500.00, 4417500.00)  GC
139.      28.79812 (04021724) AT ( 532500.00, 4417500.00)  GC
  100.      31.54285 (04041224) AT ( 533500.00, 4416000.00)  GC
140.      28.78658c(04042524) AT ( 531500.00, 4414000.00)  GC
  101.      31.48248 (04011924) AT ( 533500.00, 4417500.00)  GC
141.      28.76598 (04092124) AT ( 534500.00, 4417000.00)  GC
  102.      31.19166 (04123124) AT ( 532000.00, 4416500.00)  GC
142.      28.72031 (04123124) AT ( 533500.00, 4413500.00)  GC
  103.      31.14391 (04103124) AT ( 533500.00, 4417000.00)  GC
143.      28.54952 (04102124) AT ( 533000.00, 4415500.00)  GC
  104.      31.11736 (04082224) AT ( 533000.00, 4417500.00)  GC
144.      28.51729 (04030324) AT ( 531500.00, 4416000.00)  GC
  105.      30.93807 (04091924) AT ( 533500.00, 4416000.00)  GC
145.      28.19232 (04082224) AT ( 533500.00, 4417500.00)  GC
  106.      30.93174 (04101524) AT ( 531500.00, 4414500.00)  GC
146.      28.05120 (04042724) AT ( 534000.00, 4417500.00)  GC
  107.      30.89525 (04102324) AT ( 533500.00, 4416000.00)  GC
147.      27.99499 (04091624) AT ( 531500.00, 4414500.00)  GC
  108.      30.83646 (04071124) AT ( 534000.00, 4417500.00)  GC
148.      27.95916 (04090124) AT ( 531500.00, 4416000.00)  GC
  109.      30.72478 (04111324) AT ( 533000.00, 4416000.00)  GC
149.      27.94909 (04101524) AT ( 533000.00, 4416000.00)  GC
  110.      30.70069 (04011924) AT ( 534000.00, 4417500.00)  GC
150.      27.93566 (04092024) AT ( 531500.00, 4414500.00)  GC
  111.      30.69659 (04031124) AT ( 532500.00, 4415000.00)  GC
151.      27.93485 (04021824) AT ( 533000.00, 4416500.00)  GC
  112.      30.68292 (04102724) AT ( 533500.00, 4417000.00)  GC
152.      27.93288 (04021824) AT ( 533500.00, 4417000.00)  GC
  113.      30.65535 (04042624) AT ( 533500.00, 4416000.00)  GC
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153. 27.87637 (04082824) AT (533500.00, 4416000.00) GC
114. 30.59208c(04102624) AT (531500.00, 4416000.00) GC
154. 27.81436 (04032324) AT (533500.00, 4416000.00) GC
115. 30.53143 (04080424) AT (533500.00, 4416000.00) GC
155. 27.79541 (04060924) AT (534000.00, 4417500.00) GC
116. 30.52685 (04112324) AT (534000.00, 4417500.00) GC
156. 27.67416 (04012624) AT (532000.00, 4417500.00) GC
117. 30.51785 (04112924) AT (532000.00, 4417500.00) GC
157. 27.56169c(04020224) AT (532500.00, 4417500.00) GC
118. 30.30812 (04071224) AT (533500.00, 4416000.00) GC
158. 27.44684 (04092024) AT (531500.00, 4414000.00) GC
119. 30.17297 (04121624) AT (533500.00, 4416000.00) GC
159. 27.42217 (04041324) AT (532000.00, 4416500.00) GC
120. 30.14863c(04110124) AT (533000.00, 4415500.00) GC
160. 27.40367 (04102424) AT (531500.00, 4414000.00) GC

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/24/11
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*** 19:46:59

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

** CONC OF NOX IN

MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
161.	27.38563c	(04122424) AT	(531500.00, 4416000.00) GC				
201.	25.48277	(04011824) AT	(533000.00, 4423500.00) GC				
162.	27.34809c	(04121924) AT	(532500.00, 4416500.00) GC				
202.	25.37861	(04012424) AT	(533000.00, 4418500.00) GC				
163.	27.34618	(04101624) AT	(533000.00, 4415500.00) GC				
203.	25.32882	(04102224) AT	(533000.00, 4416000.00) GC				
164.	27.19183	(04030224) AT	(532000.00, 4416500.00) GC				
204.	25.28654	(04092724) AT	(534000.00, 4416500.00) GC				
165.	27.16434	(04020424) AT	(533000.00, 4416500.00) GC				
205.	25.27190	(04020524) AT	(533500.00, 4417500.00) GC				
166.	27.16092	(04102324) AT	(534500.00, 4417000.00) GC				
206.	25.26299	(04091624) AT	(531500.00, 4414000.00) GC				
167.	27.12317	(04111324) AT	(531500.00, 4414000.00) GC				
207.	25.23768	(04101524) AT	(533000.00, 4415500.00) GC				
168.	27.08930c	(04121924) AT	(533500.00, 4417000.00) GC				
208.	25.11494	(04031224) AT	(532000.00, 4414500.00) GC				
169.	26.99353	(04062524) AT	(534000.00, 4417500.00) GC				
209.	25.04302	(04122824) AT	(533000.00, 4416500.00) GC				
170.	26.94732c	(04031924) AT	(533000.00, 4417500.00) GC				
210.	25.03340	(04083124) AT	(531500.00, 4414500.00) GC				
171.	26.94300	(04121024) AT	(533000.00, 4415500.00) GC				
211.	24.96661	(04102324) AT	(531500.00, 4414500.00) GC				
172.	26.78880	(04020424) AT	(532000.00, 4416000.00) GC				
212.	24.95145	(04052224) AT	(534000.00, 4416500.00) GC				
173.	26.74823	(04122924) AT	(533500.00, 4417000.00) GC				
213.	24.89450	(04031124) AT	(532500.00, 4415500.00) GC				

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  174.      26.70131 (04102124) AT ( 533000.00, 4416000.00)  GC
214.      24.89346 (04100324) AT ( 533000.00, 4416500.00)  GC
  175.      26.59213c(04020224) AT ( 533000.00, 4417500.00)  GC
215.      24.86272 (04111124) AT ( 533000.00, 4410000.00)  GC
  176.      26.56835 (04052324) AT ( 533500.00, 4416000.00)  GC
216.      24.82495 (04061224) AT ( 533500.00, 4416000.00)  GC
  177.      26.53822 (04112824) AT ( 534000.00, 4417500.00)  GC
217.      24.81641 (04121024) AT ( 532500.00, 4415500.00)  GC
  178.      26.53693 (04012524) AT ( 532000.00, 4417500.00)  GC
218.      24.81246 (04080324) AT ( 533500.00, 4417500.00)  GC
  179.      26.46091 (04092824) AT ( 534000.00, 4417500.00)  GC
219.      24.79135 (04102524) AT ( 533000.00, 4415500.00)  GC
  180.      26.46014 (04091324) AT ( 534000.00, 4416500.00)  GC
220.      24.77508 (04061124) AT ( 533500.00, 4416000.00)  GC
  181.      26.40047 (04020424) AT ( 532500.00, 4416500.00)  GC
221.      24.71784 (04121024) AT ( 533000.00, 4416000.00)  GC
  182.      26.36861 (04112924) AT ( 534500.00, 4417500.00)  GC
222.      24.71489 (04082224) AT ( 533500.00, 4416000.00)  GC
  183.      26.28821 (04030724) AT ( 533500.00, 4416000.00)  GC
223.      24.54596 (04103124) AT ( 533000.00, 4416500.00)  GC
  184.      26.28728 (04031124) AT ( 532000.00, 4414500.00)  GC
224.      24.54344 (04102424) AT ( 533000.00, 4416000.00)  GC
  185.      26.28530 (04011824) AT ( 534000.00, 4417500.00)  GC
225.      24.47883 (04062924) AT ( 534000.00, 4417000.00)  GC
  186.      26.23846 (04122224) AT ( 533000.00, 4417000.00)  GC
226.      24.46134 (04121224) AT ( 532500.00, 4417500.00)  GC
  187.      26.14420 (04122824) AT ( 533500.00, 4417000.00)  GC
227.      24.45541 (04110224) AT ( 531500.00, 4414000.00)  GC
  188.      26.14285 (04092924) AT ( 533000.00, 4415500.00)  GC
228.      24.43520 (04102824) AT ( 533500.00, 4416000.00)  GC
  189.      26.12017 (04031224) AT ( 532500.00, 4415000.00)  GC
229.      24.42911 (04121024) AT ( 533500.00, 4416000.00)  GC
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  190.      26.11288 (04021624) AT ( 532500.00, 4417500.00)  GC
230.      24.42831 (04122824) AT ( 534000.00, 4417500.00)  GC
  191.      25.92040 (04121824) AT ( 533500.00, 4416000.00)  GC
231.      24.38781 (04101424) AT ( 533500.00, 4416000.00)  GC
  192.      25.87629 (04102524) AT ( 531500.00, 4414500.00)  GC
232.      24.35194 (04043024) AT ( 533500.00, 4416000.00)  GC
  193.      25.82728 (04011124) AT ( 533500.00, 4417000.00)  GC
233.      24.28806 (04021624) AT ( 532000.00, 4417500.00)  GC
  194.      25.80039 (04072124) AT ( 534000.00, 4417500.00)  GC
234.      24.19443 (04040924) AT ( 533500.00, 4416000.00)  GC
  195.      25.76505 (04012524) AT ( 533000.00, 4417500.00)  GC
235.      24.18210 (04102124) AT ( 533500.00, 4416000.00)  GC
  196.      25.71853c(04122724) AT ( 533000.00, 4415500.00)  GC
236.      24.09663 (04091324) AT ( 531500.00, 4414500.00)  GC
  197.      25.68621 (04011024) AT ( 532000.00, 4416500.00)  GC
237.      24.09625 (04011524) AT ( 533000.00, 4418500.00)  GC
  198.      25.58083 (04112924) AT ( 532500.00, 4417500.00)  GC
238.      24.06537 (04120824) AT ( 533500.00, 4417000.00)  GC
  199.      25.49769 (04121024) AT ( 532000.00, 4415000.00)  GC
239.      24.05443 (04082324) AT ( 533500.00, 4416000.00)  GC
  200.      25.48747 (04103124) AT ( 532500.00, 4416500.00)  GC
240.      24.04812c(04010324) AT ( 532500.00, 4417500.00)  GC
 *** AERMOD - VERSION 09292 ***     ***  NO TITLE SPECIFIED
                                    ***         10/24/11
                                   ***
                                   ***         19:46:59

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 **MODELOPTs:  RegDFAULT CONC
  ELEV
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*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE		RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
241.	24.00445	(04082624)	AT (533500.00, 4416000.00)	GC	281.	23.07029	(04031124)	AT (533500.00, 4416000.00)	GC
242.	23.98768	(04110524)	AT (533500.00, 4416000.00)	GC	282.	23.06225c	(04121924)	AT (532500.00, 4416000.00)	GC
243.	23.97764	(04122224)	AT (532500.00, 4416000.00)	GC	283.	23.03557	(04110524)	AT (531500.00, 4416000.00)	GC
244.	23.97413	(04020424)	AT (533500.00, 4416500.00)	GC	284.	22.96353	(04052224)	AT (534500.00, 4417000.00)	GC
245.	23.93340	(04030924)	AT (533000.00, 4416500.00)	GC	285.	22.95245	(04110924)	AT (533500.00, 4416000.00)	GC
246.	23.89312	(04102024)	AT (532000.00, 4416500.00)	GC	286.	22.92810	(04122224)	AT (532000.00, 4416500.00)	GC
247.	23.82713	(04081424)	AT (533500.00, 4416000.00)	GC	287.	22.92195	(04040724)	AT (531500.00, 4416000.00)	GC
248.	23.81169	(04110624)	AT (534500.00, 4417500.00)	GC	288.	22.91138	(04102124)	AT (532500.00, 4415000.00)	GC
249.	23.80639	(04093024)	AT (533500.00, 4416000.00)	GC	289.	22.90424	(04092224)	AT (532500.00, 4415000.00)	GC
250.	23.77832	(04020424)	AT (532000.00, 4416500.00)	GC					

290. 22.89648 (04041324) AT (531500.00, 4416500.00) GC
251. 23.76067 (04092724) AT (531000.00, 4413500.00) GC
291. 22.86275 (04121224) AT (533000.00, 4417500.00) GC
252. 23.75606 (04091124) AT (533500.00, 4416000.00) GC
292. 22.86170 (04102124) AT (532000.00, 4415000.00) GC
253. 23.73178c(04042524) AT (533000.00, 4415500.00) GC
293. 22.84753 (04082524) AT (533500.00, 4416000.00) GC
254. 23.67510 (04110224) AT (531500.00, 4414500.00) GC
294. 22.83474 (04101524) AT (534500.00, 4417000.00) GC
255. 23.67437 (04042924) AT (533500.00, 4416000.00) GC
295. 22.77849c(04110124) AT (533000.00, 4416000.00) GC
256. 23.67213 (04092124) AT (534000.00, 4416500.00) GC
296. 22.77755 (04030924) AT (531500.00, 4416000.00) GC
257. 23.66987 (04061524) AT (531500.00, 4416000.00) GC
297. 22.72490 (04031224) AT (532500.00, 4415500.00) GC
258. 23.62665 (04121624) AT (533000.00, 4415500.00) GC
298. 22.67304 (04071324) AT (533000.00, 4416500.00) GC
259. 23.58997 (04102124) AT (532500.00, 4415500.00) GC
299. 22.66985 (04011724) AT (531500.00, 4416000.00) GC
260. 23.57755 (04122224) AT (533500.00, 4416500.00) GC
300. 22.66699 (04111324) AT (528000.00, 4411500.00) GC
261. 23.55721 (04041224) AT (531500.00, 4414500.00) GC
301. 22.65954 (04122824) AT (533000.00, 4417000.00) GC
262. 23.49198 (04092124) AT (531500.00, 4414500.00) GC
302. 22.65860 (04041024) AT (531500.00, 4416000.00) GC
263. 23.48933 (04121624) AT (531500.00, 4416000.00) GC
303. 22.63859 (04102424) AT (532000.00, 4415000.00) GC
264. 23.48238 (04101924) AT (533500.00, 4416000.00) GC
304. 22.62134 (04030224) AT (532500.00, 4417000.00) GC
265. 23.45093 (04121624) AT (534000.00, 4417000.00) GC
305. 22.59203 (04092724) AT (533000.00, 4415500.00) GC
266. 23.43127 (04123124) AT (533000.00, 4417000.00) GC

306. 22.58592 (04092924) AT (529000.00, 4413000.00) GC
267. 23.42264 (04102724) AT (531500.00, 4416000.00) GC
307. 22.54854 (04110924) AT (532500.00, 4416500.00) GC
268. 23.40944 (04092424) AT (533500.00, 4416000.00) GC
308. 22.52026 (04020124) AT (534000.00, 4417500.00) GC
269. 23.38982 (04021824) AT (532500.00, 4416500.00) GC
309. 22.47358 (04082124) AT (532500.00, 4416500.00) GC
270. 23.32820 (04102224) AT (531500.00, 4414500.00) GC
310. 22.45341 (04091424) AT (533000.00, 4415500.00) GC
271. 23.29850 (04083124) AT (531500.00, 4414000.00) GC
311. 22.44026 (04122824) AT (532500.00, 4416500.00) GC
272. 23.25169 (04111424) AT (531500.00, 4414500.00) GC
312. 22.40165 (04092224) AT (533000.00, 4416000.00) GC
273. 23.21958 (04091324) AT (531500.00, 4414000.00) GC
313. 22.36272 (04110524) AT (533500.00, 4417500.00) GC
274. 23.20617 (04072424) AT (533500.00, 4416000.00) GC
314. 22.31305 (04030924) AT (533000.00, 4415500.00) GC
275. 23.19986 (04092924) AT (531500.00, 4415000.00) GC
315. 22.29473 (04121224) AT (532000.00, 4417500.00) GC
276. 23.14753 (04111324) AT (534000.00, 4416500.00) GC
316. 22.27154 (04040424) AT (534000.00, 4417500.00) GC
277. 23.14038 (04122824) AT (533500.00, 4417500.00) GC
317. 22.25807 (04120124) AT (534000.00, 4417500.00) GC
278. 23.13638 (04030924) AT (532500.00, 4416500.00) GC
318. 22.21587 (04103024) AT (531500.00, 4414000.00) GC
279. 23.09852 (04091924) AT (534000.00, 4417500.00) GC
319. 22.21079 (04071324) AT (532500.00, 4416500.00) GC
280. 23.07099 (04020424) AT (533000.00, 4417000.00) GC
320. 22.03299c(04020224) AT (532000.00, 4417500.00) GC

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/24/11
***

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
321.	22.00115	(04102024)	AT (531500.00, 4416000.00) GC	361.	20.98910	(04092224)	AT (532000.00, 4414500.00) GC
322.	21.95446	(04031124)	AT (532000.00, 4415000.00) GC	362.	20.98454	(04021624)	AT (533000.00, 4417500.00) GC
323.	21.90683	(04102424)	AT (533500.00, 4416500.00) GC	363.	20.98003	(04102724)	AT (532000.00, 4416500.00) GC
324.	21.88238	(04083024)	AT (531500.00, 4414500.00) GC	364.	20.95588	(04072524)	AT (533500.00, 4416000.00) GC
325.	21.87948c	(04031924)	AT (533500.00, 4417500.00) GC	365.	20.93496	(04100324)	AT (532500.00, 4416500.00) GC
326.	21.84310	(04013124)	AT (532500.00, 4415500.00) GC	366.	20.88540	(04110524)	AT (533500.00, 4417000.00) GC

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  327.      21.80733 (04092224) AT ( 532000.00, 4415000.00)  GC
367.      20.88418 (04111324) AT ( 534500.00, 4417000.00)  GC
  328.      21.78009 (04092824) AT ( 534000.00, 4417000.00)  GC
368.      20.88294 (04013124) AT ( 533000.00, 4415500.00)  GC
  329.      21.77745 (04103124) AT ( 533000.00, 4417000.00)  GC
369.      20.83113 (04042024) AT ( 532000.00, 4417500.00)  GC
  330.      21.76165 (04101524) AT ( 534000.00, 4416500.00)  GC
370.      20.82729 (04123124) AT ( 531500.00, 4416500.00)  GC
  331.      21.75081 (04110924) AT ( 533000.00, 4416500.00)  GC
371.      20.81982 (04103024) AT ( 531500.00, 4416000.00)  GC
  332.      21.64086c(04010324) AT ( 533000.00, 4417500.00)  GC
372.      20.78798 (04080224) AT ( 533500.00, 4416000.00)  GC
  333.      21.61598 (04082124) AT ( 533000.00, 4416500.00)  GC
373.      20.77429 (04080824) AT ( 533500.00, 4416000.00)  GC
  334.      21.53851 (04030624) AT ( 534000.00, 4417500.00)  GC
374.      20.71915 (04121324) AT ( 533000.00, 4417500.00)  GC
  335.      21.48580c(04121924) AT ( 533000.00, 4417000.00)  GC
375.      20.68928 (04121024) AT ( 531500.00, 4414500.00)  GC
  336.      21.47483 (04103124) AT ( 531500.00, 4416000.00)  GC
376.      20.68392 (04121024) AT ( 532500.00, 4415000.00)  GC
  337.      21.45848c(04110124) AT ( 534000.00, 4416500.00)  GC
377.      20.66742 (04111024) AT ( 533000.00, 4410000.00)  GC
  338.      21.44335 (04031624) AT ( 531500.00, 4416000.00)  GC
378.      20.65691 (04030824) AT ( 533500.00, 4416000.00)  GC
  339.      21.44329 (04082724) AT ( 533500.00, 4413500.00)  GC
379.      20.62989 (04102924) AT ( 531500.00, 4414500.00)  GC
  340.      21.38902 (04041224) AT ( 533000.00, 4415500.00)  GC
380.      20.62704 (04102424) AT ( 532500.00, 4415500.00)  GC
  341.      21.33814 (04020424) AT ( 528500.00, 4414500.00)  GC
381.      20.60224 (04123024) AT ( 533000.00, 4415500.00)  GC
  342.      21.32007 (04032324) AT ( 534000.00, 4417500.00)  GC
382.      20.59292 (04091424) AT ( 534000.00, 4416500.00)  GC
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  343.      21.30795 (04082124) AT ( 532000.00, 4416500.00)  GC
383.      20.51827 (04102324) AT ( 533000.00, 4416000.00)  GC
  344.      21.28520 (04051824) AT ( 533500.00, 4416000.00)  GC
384.      20.51537 (04101424) AT ( 533000.00, 4416000.00)  GC
  345.      21.27486 (04111224) AT ( 531500.00, 4414500.00)  GC
385.      20.50456c(04110124) AT ( 531500.00, 4414000.00)  GC
  346.      21.26693c(04110124) AT ( 534500.00, 4417000.00)  GC
386.      20.48458 (04110924) AT ( 533000.00, 4417000.00)  GC
  347.      21.21917 (04092224) AT ( 532500.00, 4415500.00)  GC
387.      20.46672 (04121624) AT ( 531500.00, 4414000.00)  GC
  348.      21.21736 (04082224) AT ( 534000.00, 4417500.00)  GC
388.      20.41229 (04102124) AT ( 532000.00, 4414500.00)  GC
  349.      21.21594 (04092624) AT ( 531500.00, 4414500.00)  GC
389.      20.40479 (04060524) AT ( 531500.00, 4416000.00)  GC
  350.      21.16227 (04041724) AT ( 533500.00, 4416000.00)  GC
390.      20.40125 (04101924) AT ( 533000.00, 4415500.00)  GC
  351.      21.11945 (04111324) AT ( 532000.00, 4414500.00)  GC
391.      20.37268 (04103124) AT ( 532000.00, 4416000.00)  GC
  352.      21.09104 (04021824) AT ( 532500.00, 4416000.00)  GC
392.      20.36944 (04011024) AT ( 533500.00, 4416000.00)  GC
  353.      21.08686 (04011924) AT ( 532500.00, 4417500.00)  GC
393.      20.35323c(04052124) AT ( 533000.00, 4415500.00)  GC
  354.      21.05794 (04091424) AT ( 531500.00, 4414500.00)  GC
394.      20.33595 (04102924) AT ( 533000.00, 4415500.00)  GC
  355.      21.04891 (04100324) AT ( 533500.00, 4417000.00)  GC
395.      20.33463 (04121724) AT ( 531500.00, 4416000.00)  GC
  356.      21.04214 (04031524) AT ( 533500.00, 4416000.00)  GC
396.      20.32977 (04011024) AT ( 532500.00, 4416500.00)  GC
  357.      21.03369 (04021824) AT ( 533500.00, 4416500.00)  GC
397.      20.29229 (04121324) AT ( 532500.00, 4417500.00)  GC
  358.      21.03199 (04101524) AT ( 532000.00, 4415000.00)  GC
398.      20.26766 (04030224) AT ( 532000.00, 4416000.00)  GC
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  359.   21.03194 (04052224) AT (531500.00, 4414500.00) GC
399.   20.25503 (04051924) AT (533000.00, 4415500.00) GC
  360.   21.00239 (04071324) AT (533500.00, 4416500.00) GC
400.   20.23783 (04111124) AT (533500.00, 4413500.00) GC
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 **MODELOPTs: RegDFAULT CONC
  ELEV

                                  *** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 3ALT-KUM ***
                                    INCLUDING SOURCE(S):   BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE
 -
- -
  401.   20.22886 (04092224) AT (533500.00, 4416500.00) GC
441.   19.34244 (04111324) AT (532500.00, 4415500.00) GC
  402.   20.19829 (04090824) AT (531500.00, 4414000.00) GC
442.   19.33613 (04101924) AT (531500.00, 4414000.00) GC
  403.   20.11085 (04112724) AT (534000.00, 4417500.00) GC

443. 19.33330 (04121724) AT (534000.00, 4417500.00) GC
404. 20.10829 (04030924) AT (533500.00, 4416000.00) GC
444. 19.33005 (04092324) AT (534000.00, 4417500.00) GC
405. 20.06668 (04092624) AT (534000.00, 4416500.00) GC
445. 19.31478 (04092924) AT (531500.00, 4414000.00) GC
406. 20.05402 (04090724) AT (533500.00, 4416000.00) GC
446. 19.27532 (04031124) AT (532000.00, 4414000.00) GC
407. 20.04801 (04042024) AT (533000.00, 4417000.00) GC
447. 19.24343 (04013124) AT (532000.00, 4415000.00) GC
408. 20.04151 (04101424) AT (533000.00, 4415500.00) GC
448. 19.20218 (04091324) AT (534500.00, 4417000.00) GC
409. 20.01942 (04122824) AT (533000.00, 4417500.00) GC
449. 19.20141 (04092924) AT (528500.00, 4412500.00) GC
410. 20.01450 (04100224) AT (531500.00, 4414500.00) GC
450. 19.19590 (04102124) AT (533500.00, 4416500.00) GC
411. 19.98473 (04102924) AT (531000.00, 4413500.00) GC
451. 19.17329 (04013124) AT (532500.00, 4415000.00) GC
412. 19.95929 (04121724) AT (534000.00, 4417000.00) GC
452. 19.15948 (04030924) AT (532000.00, 4416500.00) GC
413. 19.95039 (04123124) AT (532000.00, 4416000.00) GC
453. 19.13319 (04092724) AT (528000.00, 4411000.00) GC
414. 19.94367 (04072624) AT (531500.00, 4416000.00) GC
454. 19.10316 (04111324) AT (529000.00, 4412500.00) GC
415. 19.93909 (04103124) AT (532000.00, 4416500.00) GC
455. 19.07706 (04110724) AT (531500.00, 4414500.00) GC
416. 19.93665 (04030824) AT (528500.00, 4414500.00) GC
456. 18.98116 (04012624) AT (533000.00, 4417000.00) GC
417. 19.93642 (04081324) AT (531500.00, 4416000.00) GC
457. 18.98039 (04020524) AT (532000.00, 4417500.00) GC
418. 19.92706 (04093024) AT (531500.00, 4414000.00) GC
458. 18.97176 (04121024) AT (533500.00, 4416500.00) GC
419. 19.78327 (04060424) AT (533500.00, 4416000.00) GC

459. 18.94230 (04101424) AT (531500.00, 4414500.00) GC
420. 19.77682 (04031524) AT (531500.00, 4416000.00) GC
460. 18.92640 (04030224) AT (532500.00, 4417500.00) GC
421. 19.76248 (04111424) AT (533000.00, 4416000.00) GC
461. 18.89952 (04071324) AT (532000.00, 4416500.00) GC
422. 19.68883 (04033124) AT (534000.00, 4417000.00) GC
462. 18.88017 (04052424) AT (534000.00, 4417500.00) GC
423. 19.64560 (04051724) AT (533000.00, 4417500.00) GC
463. 18.83693 (04072324) AT (534000.00, 4417500.00) GC
424. 19.63219 (04061324) AT (531500.00, 4414000.00) GC
464. 18.83400 (04091624) AT (534000.00, 4416500.00) GC
425. 19.63075 (04073124) AT (534000.00, 4417000.00) GC
465. 18.82203c(04010324) AT (532000.00, 4417500.00) GC
426. 19.61605 (04040924) AT (534000.00, 4417500.00) GC
466. 18.81194 (04110724) AT (531500.00, 4414000.00) GC
427. 19.61086 (04120624) AT (533000.00, 4415500.00) GC
467. 18.81136c(04121924) AT (533500.00, 4416500.00) GC
428. 19.60023 (04080424) AT (531500.00, 4414500.00) GC
468. 18.79014 (04030924) AT (532000.00, 4416000.00) GC
429. 19.59897c(04110124) AT (532000.00, 4415000.00) GC
469. 18.76998 (04090224) AT (531500.00, 4414500.00) GC
430. 19.56325 (04082124) AT (533000.00, 4417000.00) GC
470. 18.67342 (04041824) AT (533500.00, 4416000.00) GC
431. 19.55849 (04030924) AT (533000.00, 4417000.00) GC
471. 18.66297 (04102524) AT (531000.00, 4413500.00) GC
432. 19.52139 (04080524) AT (533500.00, 4417000.00) GC
472. 18.64873 (04092924) AT (532000.00, 4415000.00) GC
433. 19.51786 (04091924) AT (531500.00, 4414000.00) GC
473. 18.60205 (04111624) AT (534000.00, 4417500.00) GC
434. 19.49819 (04100624) AT (534000.00, 4417500.00) GC
474. 18.59914 (04093024) AT (533000.00, 4415500.00) GC
435. 19.49251 (04090924) AT (531500.00, 4414500.00) GC

475. 18.58573 (04080124) AT (534500.00, 4417000.00) GC
  436. 19.43063 (04091424) AT (531500.00, 4414000.00) GC
476. 18.58096 (04092924) AT (529000.00, 4412500.00) GC
  437. 19.40554 (04082224) AT (532500.00, 4417500.00) GC
477. 18.55816 (04072124) AT (534500.00, 4417500.00) GC
  438. 19.39078 (04120324) AT (533000.00, 4417500.00) GC
478. 18.55807 (04083024) AT (531500.00, 4416500.00) GC
  439. 19.37863 (04120624) AT (533000.00, 4416000.00) GC
479. 18.52808c(04100124) AT (541500.00, 4419500.00) GC
  440. 19.36795 (04101624) AT (531500.00, 4414000.00) GC
480. 18.51092 (04031224) AT (532000.00, 4415000.00) GC

 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 3ALT-KUM ***
                                  INCLUDING SOURCE(S):   BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
  481.      18.50526 (04090124) AT ( 534000.00, 4417000.00)  GC
491.      18.33899 (04111324) AT ( 528000.00, 4412000.00)  GC
  482.      18.49875 (04091624) AT ( 531000.00, 4413500.00)  GC
492.      18.33605 (04011024) AT ( 531500.00, 4416500.00)  GC
  483.      18.48134 (04122924) AT ( 533000.00, 4416500.00)  GC
493.      18.32699 (04101124) AT ( 533500.00, 4416000.00)  GC
  484.      18.42142 (04110624) AT ( 531500.00, 4414000.00)  GC
494.      18.30746 (04020424) AT ( 534000.00, 4417000.00)  GC
  485.      18.40922 (04122824) AT ( 531500.00, 4416000.00)  GC
495.      18.27845 (04102524) AT ( 534000.00, 4416500.00)  GC
  486.      18.40532 (04080824) AT ( 534500.00, 4417000.00)  GC
496.      18.27615 (04103124) AT ( 533500.00, 4416500.00)  GC
  487.      18.37656 (04062624) AT ( 534000.00, 4417500.00)  GC
497.      18.26993 (04052324) AT ( 534000.00, 4416500.00)  GC
  488.      18.36115 (04040924) AT ( 533500.00, 4417000.00)  GC
498.      18.25626 (04063024) AT ( 533500.00, 4416000.00)  GC
  489.      18.35794 (04012524) AT ( 533500.00, 4418000.00)  GC
499.      18.24761 (04082624) AT ( 534000.00, 4417000.00)  GC
  490.      18.35039 (04092024) AT ( 534000.00, 4416500.00)  GC
500.      18.24055 (04080924) AT ( 533500.00, 4416000.00)  GC

  *** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/24/11
                                  ***
                                  ***       19:46:59
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**MODELOPTs: RegDFAULT CONC
 ELEV

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

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

GROUP ID		AVERAGE CONC	NETWORK	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE	GRID-ID
1ALT	1ST HIGHEST VALUE IS	11.09340	AT	(533500.00, 4416000.00, 855.00, 855.00, 0.00)	GC PALZF000
	2ND HIGHEST VALUE IS	7.05547	AT	(534000.00, 4417500.00, 894.00, 894.00, 0.00)	GC PALZF000
	3RD HIGHEST VALUE IS	5.88577	AT	(531500.00, 4414500.00, 893.00, 893.00, 0.00)	GC PALZF000
	4TH HIGHEST VALUE IS	5.64487	AT	(534500.00, 4417000.00, 822.00, 822.00, 0.00)	GC PALZF000
	5TH HIGHEST VALUE IS	5.57229	AT	(533000.00, 4415500.00, 945.00, 945.00, 0.00)	GC PALZF000
	6TH HIGHEST VALUE IS	5.43506	AT	(531500.00, 4416000.00, 880.00, 880.00, 0.00)	GC PALZF000

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         7TH HIGHEST VALUE IS       5.02553 AT (  534000.00,
4416500.00,   815.00,   815.00,    0.00)  GC  PALZF000
         8TH HIGHEST VALUE IS       4.99659 AT (  533500.00,
4417000.00,   961.00,   961.00,    0.00)  GC  PALZF000
         9TH HIGHEST VALUE IS       4.94112 AT (  531500.00,
4414000.00,   872.00,   872.00,    0.00)  GC  PALZF000
        10TH HIGHEST VALUE IS       4.46566 AT (  533500.00,
4417500.00,   930.00,   930.00,    0.00)  GC  PALZF000

2ALT     1ST HIGHEST VALUE IS      11.09662 AT (  533500.00,
4416000.00,   855.00,   855.00,    0.00)  GC  PALZF000
         2ND HIGHEST VALUE IS       7.05845 AT (  534000.00,
4417500.00,   894.00,   894.00,    0.00)  GC  PALZF000
         3RD HIGHEST VALUE IS       5.88719 AT (  531500.00,
4414500.00,   893.00,   893.00,    0.00)  GC  PALZF000
         4TH HIGHEST VALUE IS       5.65884 AT (  534500.00,
4417000.00,   822.00,   822.00,    0.00)  GC  PALZF000
         5TH HIGHEST VALUE IS       5.57395 AT (  533000.00,
4415500.00,   945.00,   945.00,    0.00)  GC  PALZF000
         6TH HIGHEST VALUE IS       5.43641 AT (  531500.00,
4416000.00,   880.00,   880.00,    0.00)  GC  PALZF000
         7TH HIGHEST VALUE IS       5.03175 AT (  534000.00,
4416500.00,   815.00,   815.00,    0.00)  GC  PALZF000
         8TH HIGHEST VALUE IS       4.99952 AT (  533500.00,
4417000.00,   961.00,   961.00,    0.00)  GC  PALZF000
         9TH HIGHEST VALUE IS       4.94217 AT (  531500.00,
4414000.00,   872.00,   872.00,    0.00)  GC  PALZF000
        10TH HIGHEST VALUE IS       4.46722 AT (  533500.00,
4417500.00,   930.00,   930.00,    0.00)  GC  PALZF000

3ALT-KUM 1ST HIGHEST VALUE IS      11.18860 AT (  533500.00,
4416000.00,   855.00,   855.00,    0.00)  GC  PALZF000
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         2ND HIGHEST VALUE IS       7.18959 AT (  534000.00,
4417500.00,   894.00,   894.00,    0.00)  GC  PALZF000
         3RD HIGHEST VALUE IS       5.97284 AT (  531500.00,
4414500.00,   893.00,   893.00,    0.00)  GC  PALZF000
         4TH HIGHEST VALUE IS       5.76292 AT (  534500.00,
4417000.00,   822.00,   822.00,    0.00)  GC  PALZF000
         5TH HIGHEST VALUE IS       5.66341 AT (  533000.00,
4415500.00,   945.00,   945.00,    0.00)  GC  PALZF000
         6TH HIGHEST VALUE IS       5.55758 AT (  531500.00,
4416000.00,   880.00,   880.00,    0.00)  GC  PALZF000
         7TH HIGHEST VALUE IS       5.26994 AT (  533500.00,
4417000.00,   961.00,   961.00,    0.00)  GC  PALZF000
         8TH HIGHEST VALUE IS       5.12886 AT (  534000.00,
4416500.00,   815.00,   815.00,    0.00)  GC  PALZF000
         9TH HIGHEST VALUE IS       5.01746 AT (  531500.00,
4414000.00,   872.00,   872.00,    0.00)  GC  PALZF000
        10TH HIGHEST VALUE IS       4.65347 AT (  533500.00,
4417500.00,   930.00,   930.00,    0.00)  GC  PALZF000


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/24/11
                                  ***
                                  ***        19:46:59

                                             PAGE 167
 **MODELOPTs:  RegDFAULT CONC
  ELEV
```

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

GROUP ID RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE	DATE (YYMMDDHH) NETWORK GRID-ID
1ALT HIGH 1ST HIGH VALUE IS	434.03887	ON 04092823: AT (534000.00, 4417500.00, 894.00, 894.00, 0.00) GC PALZF000
2ALT HIGH 1ST HIGH VALUE IS	434.03887	ON 04092823: AT (534000.00, 4417500.00, 894.00, 894.00, 0.00) GC PALZF000
3ALT-KUM HIGH 1ST HIGH VALUE IS	434.03890	ON 04092823: AT (534000.00, 4417500.00, 894.00, 894.00, 0.00) GC PALZF000

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

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

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

GROUP ID RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE	DATE NETWORK (YYMMDDHH) GRID-ID
1ALT HIGH 1ST HIGH VALUE IS 534000.00, 4417500.00, 894.00, 894.00, 0.00)	338.49582	ON 04110608: AT (GC PALZF000
2ALT HIGH 1ST HIGH VALUE IS 534000.00, 4417500.00, 894.00, 894.00, 0.00)	338.50442	ON 04110608: AT (GC PALZF000
3ALT-KUM HIGH 1ST HIGH VALUE IS 534000.00, 4417500.00, 894.00, 894.00, 0.00)	338.57283	ON 04110608: AT (GC PALZF000

```
 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/24/11
                                   ***
                                   ***        19:46:59

                                              PAGE 169
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                                 *** THE SUMMARY OF
HIGHEST 24-HR RESULTS ***


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

                                                    DATE
                                                   NETWORK
GROUP ID                          AVERAGE CONC     (YYMMDDHH)
RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

1ALT     HIGH  1ST HIGH VALUE IS     113.46652  ON 04110624: AT (
```

534000.00, 4417500.00,   894.00,   894.00,   0.00) GC PALZF000

2ALT   HIGH 1ST HIGH VALUE IS   113.47134 ON 04110624: AT (
534000.00, 4417500.00,   894.00,   894.00,   0.00) GC PALZF000

3ALT-KUM HIGH 1ST HIGH VALUE IS   113.62964 ON 04110624: AT (
534000.00, 4417500.00,   894.00,   894.00,   0.00) GC PALZF000

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/24/11
                                  ***
                                   ***   19:46:59

                                              PAGE 170
 **MODELOPTs: RegDFAULT CONC
  ELEV

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

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

 A Total of   0 Fatal Error Message(s)
 A Total of   24 Warning Message(s)
 A Total of   33 Informational Message(s)

```
 A Total of         8784 Hours Were Processed

 A Total of           33 Calm Hours Identified

 A Total of            0 Missing Hours Identified (  0.00 Percent)


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


    ********   WARNING MESSAGES   ********
 OU W565   326 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   327 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   328 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   329 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   330 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   331 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   332 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   333 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   334 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   335 PERPLT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
```

```
 OU W565   336 PERPLT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   337 PERPLT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   338 OUPOST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   339 OUPOST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   340 OUPOST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   341 OUPOST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   342 OUPOST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   343 OUPOST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   344 OUPOST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   345 OUPOST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   346 OUPOST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   347 PERPST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   348 PERPST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   349 PERPST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE

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

outputfile3.2

```
** BREEZE AERMOD
** Trinity Consultants
** VERSION  7.2

CO STARTING
CO TITLEONE  NO TITLE SPECIFIED
CO MODELOPT  DFAULT  CONC
CO RUNORNOT  RUN
CO AVERTIME  24  ANNUAL
CO POLLUTID  NOX
CO FINISHED

SO STARTING
SO ELEVUNIT  METERS
SO LOCATION  BACA1A    POINT     535249  4417479  680
SO LOCATION  BACA1B    POINT     535283  4417499  680
SO LOCATION  ON.ISIT.  POINT     535127  4417541  680
SO LOCATION  CALIK1    POINT     539763.0  4423247.0  840
SO LOCATION  CALIK2    POINT     539774.0  4423312.0  841
SO LOCATION  CALIK3    POINT     539783.0  4423378.0  840
SO SRCPARAM  BACA1A    28.13  75  360.15  31.2  5.5
SO SRCPARAM  BACA1B    28.13  75  360.15  31.2  5.5
SO SRCPARAM  ON.ISIT.  0.06  15  453.15  5  0.75
SO SRCPARAM  CALIK1    15.32  80  365.49  18.85  7
SO SRCPARAM  CALIK2    15.32  80  365.49  18.85  7
SO SRCPARAM  CALIK3    15.32  80  365.49  18.85  7
SO SRCGROUP  2ALT-KUM  BACA1A  BACA1B  ON.ISIT.  CALIK1  CALIK2  CALIK3
SO FINISHED

RE STARTING
RE ELEVUNIT  METERS
RE GRIDCART PALZF000 STA
```

```
** GRDDESCR  calısma alanı
RE GRIDCART PALZF000 XYINC  528000  31  500  4410000  31  500
RE GRIDCART PALZF000 ELEV  1  813  937  963  1067  1033  940  902  853
830  838
RE GRIDCART PALZF000 ELEV  1  902  933  884  863  855  815  777  756
719  761
RE GRIDCART PALZF000 ELEV  1  736  734  705  680  677  679  710  745
738  732
RE GRIDCART PALZF000 ELEV  1  710
RE GRIDCART PALZF000 ELEV  2  765  818  872  970  953  951  920  863
822  855
RE GRIDCART PALZF000 ELEV  2  835  877  909  840  817  802  768  772
717  693
RE GRIDCART PALZF000 ELEV  2  697  683  680  680  685  697  703  742
753  740
RE GRIDCART PALZF000 ELEV  2  727
RE GRIDCART PALZF000 ELEV  3  868  793  857  887  877  954  908  881
874  799
RE GRIDCART PALZF000 ELEV  3  802  808  867  856  791  858  767  795
688  676
RE GRIDCART PALZF000 ELEV  3  680  687  708  706  737  740  741  732
775  753
RE GRIDCART PALZF000 ELEV  3  745
RE GRIDCART PALZF000 ELEV  4  909  790  778  785  863  940  937  921
871  818
RE GRIDCART PALZF000 ELEV  4  801  765  794  833  776  730  747  717
670  681
RE GRIDCART PALZF000 ELEV  4  694  704  718  718  735  775  792  746
779  766
RE GRIDCART PALZF000 ELEV  4  754
RE GRIDCART PALZF000 ELEV  5  928  806  800  749  818  922  978  969
929  855
```

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RE GRIDCART PALZF000 ELEV  5  806  770  742  728  728  710  744  674
689  701
RE GRIDCART PALZF000 ELEV  5  713  716  728  742  751  771  779  752
774  779
RE GRIDCART PALZF000 ELEV  5  773
RE GRIDCART PALZF000 ELEV  6  947  852  852  750  766  861  923  981
905  857
RE GRIDCART PALZF000 ELEV  6  817  790  780  750  740  703  683  677
708  722
RE GRIDCART PALZF000 ELEV  6  751  748  738  750  743  791  792  774
781  798
RE GRIDCART PALZF000 ELEV  6  797
RE GRIDCART PALZF000 ELEV  7  906  920  869  828  742  811  928  959
939  912
RE GRIDCART PALZF000 ELEV  7  852  823  806  742  722  692  875  696
769  756
RE GRIDCART PALZF000 ELEV  7  779  780  763  763  764  773  780  799
812  824
RE GRIDCART PALZF000 ELEV  7  835
RE GRIDCART PALZF000 ELEV  8  905  897  849  823  736  764  846  899
1007  977
RE GRIDCART PALZF000 ELEV  8  921  874  780  726  706  677  681  741
771  798
RE GRIDCART PALZF000 ELEV  8  765  766  770  778  778  790  806  820
851  853
RE GRIDCART PALZF000 ELEV  8  883
RE GRIDCART PALZF000 ELEV  9  875  953  879  797  754  745  806  872
972  976
RE GRIDCART PALZF000 ELEV  9  900  871  778  764  694  671  713  742
777  802
RE GRIDCART PALZF000 ELEV  9  759  762  779  788  799  796  846  856
896  892
```

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RE GRIDCART PALZF000 ELEV  9  916
RE GRIDCART PALZF000 ELEV  10  830  892  883  843  745  736  797  893
961  941
RE GRIDCART PALZF000 ELEV  10  868  797  766  767  701  668  690  704
716  733
RE GRIDCART PALZF000 ELEV  10  750  789  799  816  849  825  840  934
947  931
RE GRIDCART PALZF000 ELEV  10  978
RE GRIDCART PALZF000 ELEV  11  842  803  800  782  762  724  801  859
951  1001
RE GRIDCART PALZF000 ELEV  11  900  811  769  740  696  669  685  709
722  746
RE GRIDCART PALZF000 ELEV  11  765  800  835  880  871  857  845  893
945  981
RE GRIDCART PALZF000 ELEV  11  1001
RE GRIDCART PALZF000 ELEV  12  793  854  789  779  742  726  810  902
981  1013
RE GRIDCART PALZF000 ELEV  12  945  847  749  712  673  667  731  712
762  774
RE GRIDCART PALZF000 ELEV  12  783  856  934  920  909  919  868  889
1000
RE GRIDCART PALZF000 ELEV  12  1038  1054
RE GRIDCART PALZF000 ELEV  13  776  786  784  781  763  719  774  880
958  1014
RE GRIDCART PALZF000 ELEV  13  918  855  774  688  666  712  724  713
759  799
RE GRIDCART PALZF000 ELEV  13  823  847  940  937  982  966  919  943
919  1047
RE GRIDCART PALZF000 ELEV  13  1084
RE GRIDCART PALZF000 ELEV  14  767  752  751  746  732  716  803  870
950  1000
RE GRIDCART PALZF000 ELEV  14  1008  934  815  733  685  665  676  701
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753  816
RE GRIDCART PALZF000 ELEV  14  839  915  986  981  1047  975  998  987
951  968
RE GRIDCART PALZF000 ELEV  14  997
RE GRIDCART PALZF000 ELEV  15  771  752  740  729  717  711  807  902
897  960
RE GRIDCART PALZF000 ELEV  15  1014  961  815  822  758  672  667  691
745  801
RE GRIDCART PALZF000 ELEV  15  804  878  854  915  1009  999  1047  967
1027
RE GRIDCART PALZF000 ELEV  15  968  999
RE GRIDCART PALZF000 ELEV  16  755  739  731  723  709  707  774  814
903  929
RE GRIDCART PALZF000 ELEV  16  980  930  894  816  739  665  704  730
728  761
RE GRIDCART PALZF000 ELEV  16  782  857  810  845  905  933  973  1023
1022
RE GRIDCART PALZF000 ELEV  16  1017  984
RE GRIDCART PALZF000 ELEV  17  772  743  729  717  709  704  729  799
862  891
RE GRIDCART PALZF000 ELEV  17  946  914  812  758  697  663  694  732
706  751
RE GRIDCART PALZF000 ELEV  17  759  799  789  840  876  890  930  1022
1048
RE GRIDCART PALZF000 ELEV  17  1069  1051
RE GRIDCART PALZF000 ELEV  18  771  744  725  724  712  703  700  843
872  834
RE GRIDCART PALZF000 ELEV  18  859  866  829  757  732  689  667  674
694  730
RE GRIDCART PALZF000 ELEV  18  766  780  787  828  846  867  896  971
1096
RE GRIDCART PALZF000 ELEV  18  1068  1110
```

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RE GRIDCART PALZF000 ELEV  19  770  737  730  719  717  711  699  724
804  764
RE GRIDCART PALZF000 ELEV  19  845  829  770  816  786  749  668  670
685  740
RE GRIDCART PALZF000 ELEV  19  789  803  801  821  832  843  857  918
1025
RE GRIDCART PALZF000 ELEV  19  1048  1060
RE GRIDCART PALZF000 ELEV  20  776  741  733  727  735  733  702  701
695  704
RE GRIDCART PALZF000 ELEV  20  743  780  733  783  801  809  721  673
679  713
RE GRIDCART PALZF000 ELEV  20  788  778  783  817  808  826  873  982
959  958
RE GRIDCART PALZF000 ELEV  20  985
RE GRIDCART PALZF000 ELEV  21  771  739  738  742  753  760  729  725
780  730
RE GRIDCART PALZF000 ELEV  21  687  708  697  774  762  772  682  666
686  689
RE GRIDCART PALZF000 ELEV  21  735  741  766  791  786  818  855  936
1074
RE GRIDCART PALZF000 ELEV  21  1024  1042
RE GRIDCART PALZF000 ELEV  22  754  745  747  753  767  806  757  736
796  808
RE GRIDCART PALZF000 ELEV  22  725  682  675  735  779  701  663  679
700  712
RE GRIDCART PALZF000 ELEV  22  711  732  765  757  772  802  840  932
1047
RE GRIDCART PALZF000 ELEV  22  1080  1086
RE GRIDCART PALZF000 ELEV  23  755  759  762  767  777  807  774  752
828  776
RE GRIDCART PALZF000 ELEV  23  725  714  672  694  762  661  674  717
712  705
```

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RE GRIDCART PALZF000 ELEV  23  711  740  747  746  761  780  809  876
976  1068
RE GRIDCART PALZF000 ELEV  23  1124
RE GRIDCART PALZF000 ELEV  24  763  775  785  790  794  848  799  778
829  833
RE GRIDCART PALZF000 ELEV  24  768  734  694  677  665  662  735  764
751  729
RE GRIDCART PALZF000 ELEV  24  726  720  728  735  742  750  780  816
865  907
RE GRIDCART PALZF000 ELEV  24  1051
RE GRIDCART PALZF000 ELEV  25  794  789  812  817  810  877  832  815
811  869
RE GRIDCART PALZF000 ELEV  25  794  731  739  697  696  659  725  738
772  744
RE GRIDCART PALZF000 ELEV  25  751  740  767  767  762  765  774  772
822  872
RE GRIDCART PALZF000 ELEV  25  989
RE GRIDCART PALZF000 ELEV  26  813  813  843  847  827  904  893  884
845  863
RE GRIDCART PALZF000 ELEV  26  822  783  782  726  685  667  670  686
723  753
RE GRIDCART PALZF000 ELEV  26  777  775  776  792  789  784  800  793
793  825
RE GRIDCART PALZF000 ELEV  26  777
RE GRIDCART PALZF000 ELEV  27  847  848  862  880  845  925  970  959
883  884
RE GRIDCART PALZF000 ELEV  27  860  827  757  736  700  710  657  656
682  739
RE GRIDCART PALZF000 ELEV  27  833  820  815  812  826  814  810  817
811  805
RE GRIDCART PALZF000 ELEV  27  845
RE GRIDCART PALZF000 ELEV  28  918  927  907  907  864  945  1016  983
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943  913
RE GRIDCART PALZF000 ELEV  28  903  833  756  753  712  736  721  662
663  729
RE GRIDCART PALZF000 ELEV  28  838  881  826  817  861  860  845  843
846  859
RE GRIDCART PALZF000 ELEV  28  823
RE GRIDCART PALZF000 ELEV  29  970  998  952  928  895  952  1031  1037
991
RE GRIDCART PALZF000 ELEV  29  936  949  873  797  760  745  755  737
712  663
RE GRIDCART PALZF000 ELEV  29  699  823  799  800  798  814  833  897
880  876
RE GRIDCART PALZF000 ELEV  29  861  854
RE GRIDCART PALZF000 ELEV  30  1033  1040  980  945  930  927  1024
1057  1013
RE GRIDCART PALZF000 ELEV  30  977  978  878  812  786  798  775  714
680  658
RE GRIDCART PALZF000 ELEV  30  718  810  763  777  770  785  813  851
955  914
RE GRIDCART PALZF000 ELEV  30  901  887
RE GRIDCART PALZF000 ELEV  31  1098  1080  1013  1027  990  961  992
1100  1060
RE GRIDCART PALZF000 ELEV  31  1100  1013  942  870  807  829  756  726
676
RE GRIDCART PALZF000 ELEV  31  671  810  759  731  738  751  770  796
835  884
RE GRIDCART PALZF000 ELEV  31  992  962  931
RE GRIDCART PALZF000 HILL  1  813  937  963  1067  1033  940  902  853
830  838
RE GRIDCART PALZF000 HILL  1  902  933  884  863  855  815  777  756
719  761
RE GRIDCART PALZF000 HILL  1  736  734  705  680  677  679  710  745
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738  732
RE GRIDCART PALZF000 HILL  1  710
RE GRIDCART PALZF000 HILL  2  765  818  872  970  953  951  920  863
822  855
RE GRIDCART PALZF000 HILL  2  835  877  909  840  817  802  768  772
717  693
RE GRIDCART PALZF000 HILL  2  697  683  680  680  685  697  703  742
753  740
RE GRIDCART PALZF000 HILL  2  727
RE GRIDCART PALZF000 HILL  3  868  793  857  887  877  954  908  881
874  799
RE GRIDCART PALZF000 HILL  3  802  808  867  856  791  858  767  795
688  676
RE GRIDCART PALZF000 HILL  3  680  687  708  706  737  740  741  732
775  753
RE GRIDCART PALZF000 HILL  3  745
RE GRIDCART PALZF000 HILL  4  909  790  778  785  863  940  937  921
871  818
RE GRIDCART PALZF000 HILL  4  801  765  794  833  776  730  747  717
670  681
RE GRIDCART PALZF000 HILL  4  694  704  718  718  735  775  792  746
779  766
RE GRIDCART PALZF000 HILL  4  754
RE GRIDCART PALZF000 HILL  5  928  806  800  749  818  922  978  969
929  855
RE GRIDCART PALZF000 HILL  5  806  770  742  728  728  710  744  674
689  701
RE GRIDCART PALZF000 HILL  5  713  716  728  742  751  771  779  752
774  779
RE GRIDCART PALZF000 HILL  5  773
RE GRIDCART PALZF000 HILL  6  947  852  852  750  766  861  923  981
905  857
```

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RE GRIDCART PALZF000 HILL  6  817  790  780  750  740  703  683  677
708  722
RE GRIDCART PALZF000 HILL  6  751  748  738  750  743  791  792  774
781  798
RE GRIDCART PALZF000 HILL  6  797
RE GRIDCART PALZF000 HILL  7  906  920  869  828  742  811  928  959
939  912
RE GRIDCART PALZF000 HILL  7  852  823  806  742  722  692  875  696
769  756
RE GRIDCART PALZF000 HILL  7  779  780  763  763  764  773  780  799
812  824
RE GRIDCART PALZF000 HILL  7  835
RE GRIDCART PALZF000 HILL  8  905  897  849  823  736  764  846  899
1007  977
RE GRIDCART PALZF000 HILL  8  921  874  780  726  706  677  681  741
771  798
RE GRIDCART PALZF000 HILL  8  765  766  770  778  778  790  806  820
851  853
RE GRIDCART PALZF000 HILL  8  883
RE GRIDCART PALZF000 HILL  9  875  953  879  797  754  745  806  872
972  976
RE GRIDCART PALZF000 HILL  9  900  871  778  764  694  671  713  742
777  802
RE GRIDCART PALZF000 HILL  9  759  762  779  788  799  796  846  856
896  892
RE GRIDCART PALZF000 HILL  9  916
RE GRIDCART PALZF000 HILL  10  830  892  883  843  745  736  797  893
961  941
RE GRIDCART PALZF000 HILL  10  868  797  766  767  701  668  690  704
716  733
RE GRIDCART PALZF000 HILL  10  750  789  799  816  849  825  840  934
947  931
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RE GRIDCART PALZF000 HILL  10  978
RE GRIDCART PALZF000 HILL  11  842  803  800  782  762  724  801  859
951  1001
RE GRIDCART PALZF000 HILL  11  900  811  769  740  696  669  685  709
722  746
RE GRIDCART PALZF000 HILL  11  765  800  835  880  871  857  845  893
945  981
RE GRIDCART PALZF000 HILL  11  1001
RE GRIDCART PALZF000 HILL  12  793  854  789  779  742  726  810  902
981  1013
RE GRIDCART PALZF000 HILL  12  945  847  749  712  673  667  731  712
762  774
RE GRIDCART PALZF000 HILL  12  783  856  934  920  909  919  868  889
1000
RE GRIDCART PALZF000 HILL  12  1038  1054
RE GRIDCART PALZF000 HILL  13  776  786  784  781  763  719  774  880
958  1014
RE GRIDCART PALZF000 HILL  13  918  855  774  688  666  712  724  713
759  799
RE GRIDCART PALZF000 HILL  13  823  847  940  937  982  966  919  943
919  1047
RE GRIDCART PALZF000 HILL  13  1084
RE GRIDCART PALZF000 HILL  14  767  752  751  746  732  716  803  870
950  1000
RE GRIDCART PALZF000 HILL  14  1008  934  815  733  685  665  676  701
753  816
RE GRIDCART PALZF000 HILL  14  839  915  986  981  1047  975  998  987
951  968
RE GRIDCART PALZF000 HILL  14  997
RE GRIDCART PALZF000 HILL  15  771  752  740  729  717  711  807  902
897  960
RE GRIDCART PALZF000 HILL  15  1014  961  815  822  758  672  667  691
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745  801
RE GRIDCART PALZF000 HILL  15  804  878  854  915  1009  999  1047  967
1027
RE GRIDCART PALZF000 HILL  15  968  999
RE GRIDCART PALZF000 HILL  16  755  739  731  723  709  707  774  814
903  929
RE GRIDCART PALZF000 HILL  16  980  930  894  816  739  665  704  730
728  761
RE GRIDCART PALZF000 HILL  16  782  857  810  845  905  933  973  1023
1022
RE GRIDCART PALZF000 HILL  16  1017  984
RE GRIDCART PALZF000 HILL  17  772  743  729  717  709  704  729  799
862  891
RE GRIDCART PALZF000 HILL  17  946  914  812  758  697  663  694  732
706  751
RE GRIDCART PALZF000 HILL  17  759  799  789  840  876  890  930  1022
1048
RE GRIDCART PALZF000 HILL  17  1069  1051
RE GRIDCART PALZF000 HILL  18  771  744  725  724  712  703  700  843
872  834
RE GRIDCART PALZF000 HILL  18  859  866  829  757  732  689  667  674
694  730
RE GRIDCART PALZF000 HILL  18  766  780  787  828  846  867  896  971
1096
RE GRIDCART PALZF000 HILL  18  1068  1110
RE GRIDCART PALZF000 HILL  19  770  737  730  719  717  711  699  724
804  764
RE GRIDCART PALZF000 HILL  19  845  829  770  816  786  749  668  670
685  740
RE GRIDCART PALZF000 HILL  19  789  803  801  821  832  843  857  918
1025
RE GRIDCART PALZF000 HILL  19  1048  1060
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RE GRIDCART PALZF000 HILL  20  776  741  733  727  735  733  702  701
695  704
RE GRIDCART PALZF000 HILL  20  743  780  733  783  801  809  721  673
679  713
RE GRIDCART PALZF000 HILL  20  788  778  783  817  808  826  873  982
959  958
RE GRIDCART PALZF000 HILL  20  985
RE GRIDCART PALZF000 HILL  21  771  739  738  742  753  760  729  725
780  730
RE GRIDCART PALZF000 HILL  21  687  708  697  774  762  772  682  666
686  689
RE GRIDCART PALZF000 HILL  21  735  741  766  791  786  818  855  936
1074
RE GRIDCART PALZF000 HILL  21  1024  1042
RE GRIDCART PALZF000 HILL  22  754  745  747  753  767  806  757  736
796  808
RE GRIDCART PALZF000 HILL  22  725  682  675  735  779  701  663  679
700  712
RE GRIDCART PALZF000 HILL  22  711  732  765  757  772  802  840  932
1047
RE GRIDCART PALZF000 HILL  22  1080  1086
RE GRIDCART PALZF000 HILL  23  755  759  762  767  777  807  774  752
828  776
RE GRIDCART PALZF000 HILL  23  725  714  672  694  762  661  674  717
712  705
RE GRIDCART PALZF000 HILL  23  711  740  747  746  761  780  809  876
976  1068
RE GRIDCART PALZF000 HILL  23  1124
RE GRIDCART PALZF000 HILL  24  763  775  785  790  794  848  799  778
829  833
RE GRIDCART PALZF000 HILL  24  768  734  694  677  665  662  735  764
751  729
```

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RE GRIDCART PALZF000 HILL  24  726  720  728  735  742  750  780  816
865  907
RE GRIDCART PALZF000 HILL  24  1051
RE GRIDCART PALZF000 HILL  25  794  789  812  817  810  877  832  815
811  869
RE GRIDCART PALZF000 HILL  25  794  731  739  697  696  659  725  738
772  744
RE GRIDCART PALZF000 HILL  25  751  740  767  767  762  765  774  772
822  872
RE GRIDCART PALZF000 HILL  25  989
RE GRIDCART PALZF000 HILL  26  813  813  843  847  827  904  893  884
845  863
RE GRIDCART PALZF000 HILL  26  822  783  782  726  685  667  670  686
723  753
RE GRIDCART PALZF000 HILL  26  777  775  776  792  789  784  800  793
793  825
RE GRIDCART PALZF000 HILL  26  777
RE GRIDCART PALZF000 HILL  27  847  848  862  880  845  925  970  959
883  884
RE GRIDCART PALZF000 HILL  27  860  827  757  736  700  710  657  656
682  739
RE GRIDCART PALZF000 HILL  27  833  820  815  812  826  814  810  817
811  805
RE GRIDCART PALZF000 HILL  27  845
RE GRIDCART PALZF000 HILL  28  918  927  907  907  864  945  1016  983
943  913
RE GRIDCART PALZF000 HILL  28  903  833  756  753  712  736  721  662
663  729
RE GRIDCART PALZF000 HILL  28  838  881  826  817  861  860  845  843
846  859
RE GRIDCART PALZF000 HILL  28  823
RE GRIDCART PALZF000 HILL  29  970  998  952  928  895  952  1031  1037
```

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991
RE GRIDCART PALZF000 HILL  29  936  949  873  797  760  745  755  737
712  663
RE GRIDCART PALZF000 HILL  29  699  823  799  800  798  814  833  897
880  876
RE GRIDCART PALZF000 HILL  29  861  854
RE GRIDCART PALZF000 HILL  30  1033  1040  980  945  930  927  1024
1057  1013
RE GRIDCART PALZF000 HILL  30  977  978  878  812  786  798  775  714
680  658
RE GRIDCART PALZF000 HILL  30  718  810  763  777  770  785  813  851
955  914
RE GRIDCART PALZF000 HILL  30  901  887
RE GRIDCART PALZF000 HILL  31  1098  1080  1013  1027  990  961  992
1100  1060
RE GRIDCART PALZF000 HILL  31  1100  1013  942  870  807  829  756  726
676
RE GRIDCART PALZF000 HILL  31  671  810  759  731  738  751  770  796
835  884
RE GRIDCART PALZF000 HILL  31  992  962  931
RE GRIDCART PALZF000 END
RE DISCCART  537268  4419321  708  708
** RCPDESCR  Hacıbalı
RE DISCCART  533288  4420664  702  702
** RCPDESCR  Irmak
RE DISCCART  530873  4418253  707  707
** RCPDESCR  Irmak-KGA-SSW
RE DISCCART  532253  4419045  772  772
** RCPDESCR  Irmak-KGA-SW
RE DISCCART  534268  4421987  720  720
** RCPDESCR  Irmak-KGA-NE
RE DISCCART  536366  4419557  688  688
```

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** RCPDESCR  Toplu Konut
RE DISCCART  534987  4418091  692  692
** RCPDESCR  Tarla Evi
RE DISCCART  530614  4415312  729  729
** RCPDESCR  Kılıçlar
RE DISCCART  538946  4413223  762  762
** RCPDESCR  Yahşihan
RE DISCCART  541693  4411996  758  758
** RCPDESCR  Kırıkkale
RE FINISHED

ME STARTING
ME SURFFILE  "C:\idk.nox.kotu.SON\VERIM.kotuhal.SFC"
** SURFFILE  "C:\idk.nox.kotu.SON\VERIM.kotuhal.SFC"
ME PROFFILE  "C:\idk.nox.kotu.SON\o.VERIM.PFL"
** PROFFILE  "C:\idk.nox.kotu.SON\o.VERIM.PFL"
ME SURFDATA  00017135  2004
ME UAIRDATA  00017130  2004
ME PROFBASE  750
ME FINISHED

OU STARTING
OU RECTABLE  24  FIRST
OU FILEFORM FIX
OU MAXTABLE  24  500
OU PLOTFILE  24  2ALT-KUM  FIRST  2ALT-KUM`24`FIRST.plt  10000
OU PLOTFILE  ANNUAL  2ALT-KUM  2ALT-KUM`ANNUAL.plt  10001
OU POSTFILE  24  2ALT-KUM  UNFORM  2ALT-KUM`24.bin  10002
OU POSTFILE  ANNUAL  2ALT-KUM  UNFORM  2ALT-KUM`ANNUAL.bin  10003
OU FINISHED
```

outputfile4

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

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

A Total of 0 Fatal Error Message(s)
A Total of 4 Warning Message(s)
A Total of 0 Informational Message(s)

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

******** WARNING MESSAGES ********
OU W565 320 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 321 PERPLT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 322 OUPOST:Possible Conflict With Dynamically Allocated FUNIT POSTFILE
OU W565 323 PERPST:Possible Conflict With Dynamically Allocated FUNIT POSTFILE

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

*** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 19:06:27

**MODELOPTs: RegDFAULT CONC
ELEV

*** MODEL SETUP OPTIONS SUMMARY ***

- - - -

```
 **This Run Includes:      6 Source(s);       1 Source Group(s); and
971 Receptor(s)

 **The Model Assumes A Pollutant Type of:  NOX

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

 **Output Options Selected:
          Model Outputs Tables of ANNUAL Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor
(RECTABLE Keyword)
          Model Outputs Tables of Overall Maximum Short Term Values
(MAXTABLE Keyword)
          Model Outputs External File(s) of Concurrent Values for
Postprocessing (POSTFILE Keyword)
          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) =   750.00 ;
 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 = 3.6 MB of RAM.

*** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
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**MODELOPTs: RegDFAULT CONC
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*** POINT SOURCE DATA ***

STACK SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)
BACA1A	0	0.28130E+02	NO	NO	NO		535249.0	4417479.0	680.0	75.00	360.15	31.20	5.50
BACA1B	0	0.28130E+02	NO	NO	NO		535283.0	4417499.0	680.0	75.00	360.15	31.20	5.50
ON.ISIT.	0	0.60000E-01	NO	NO	NO		535127.0	4417541.0	680.0	15.00			

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453.15     5.00     0.75    NO      NO    NO
   CALIK1         0   0.15320E+02  539763.0 4423247.0   840.0    80.00
365.49    18.85     7.00    NO      NO    NO
   CALIK2         0   0.15320E+02  539774.0 4423312.0   841.0    80.00
365.49    18.85     7.00    NO      NO    NO
   CALIK3         0   0.15320E+02  539783.0 4423378.0   840.0    80.00
365.49    18.85     7.00    NO      NO    NO
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
                                  ***        19:06:27

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 **MODELOPTs:  RegDFAULT CONC
  ELEV



                                          *** SOURCE IDs DEFINING
SOURCE GROUPS ***

 GROUP ID                                                SOURCE IDs


  2ALT-KUM  BACA1A  , BACA1B  , ON.ISIT., CALIK1  , CALIK2  , CALIK3  ,
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
                                  ***        19:06:27
```

**MODELOPTs: RegDFAULT CONC
ELEV

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

528000.0, 528500.0, 529000.0, 529500.0, 530000.0, 530500.0, 531000.0, 531500.0, 532000.0, 532500.0,
533000.0, 533500.0, 534000.0, 534500.0, 535000.0, 535500.0, 536000.0, 536500.0, 537000.0, 537500.0,
538000.0, 538500.0, 539000.0, 539500.0, 540000.0, 540500.0, 541000.0, 541500.0, 542000.0, 542500.0,
543000.0,

*** Y-COORDINATES OF GRID ***
(METERS)

4410000.0, 4410500.0, 4411000.0, 4411500.0, 4412000.0, 4412500.0, 4413000.0, 4413500.0, 4414000.0, 4414500.0,
4415000.0, 4415500.0, 4416000.0, 4416500.0, 4417000.0, 4417500.0, 4418000.0, 4418500.0, 4419000.0, 4419500.0,
4420000.0, 4420500.0, 4421000.0, 4421500.0, 4422000.0, 4422500.0, 4423000.0, 4423500.0, 4424000.0, 4424500.0,

4425000.0,

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
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**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	528000.00	528500.00	529000.00	529500.00	530000.00	530500.00	531000.00	531500.00	532000.00
4425000.00	1098.00	1080.00	1013.00	1027.00	990.00	961.00	992.00	1100.00	1060.00
4424500.00	1033.00	1040.00	980.00	945.00	930.00	927.00	1024.00	1057.00	1013.00
4424000.00	970.00	998.00	952.00	928.00	895.00	952.00	1031.00	1037.00	991.00
4423500.00	918.00	927.00	907.00	907.00					

4423000.00	864.00	945.00	1016.00	983.00	943.00
	847.00	848.00	862.00	880.00	
4422500.00	845.00	925.00	970.00	959.00	883.00
	813.00	813.00	843.00	847.00	
4422000.00	827.00	904.00	893.00	884.00	845.00
	794.00	789.00	812.00	817.00	
4421500.00	810.00	877.00	832.00	815.00	811.00
	763.00	775.00	785.00	790.00	
4421000.00	794.00	848.00	799.00	778.00	829.00
	755.00	759.00	762.00	767.00	
4420500.00	777.00	807.00	774.00	752.00	828.00
	754.00	745.00	747.00	753.00	
4420000.00	767.00	806.00	757.00	736.00	796.00
	771.00	739.00	738.00	742.00	
4419500.00	753.00	760.00	729.00	725.00	780.00
	776.00	741.00	733.00	727.00	
4419000.00	735.00	733.00	702.00	701.00	695.00
	770.00	737.00	730.00	719.00	
4418500.00	717.00	711.00	699.00	724.00	804.00
	771.00	744.00	725.00	724.00	
4418000.00	712.00	703.00	700.00	843.00	872.00
	772.00	743.00	729.00	717.00	
4417500.00	709.00	704.00	729.00	799.00	862.00
	755.00	739.00	731.00	723.00	
4417000.00	709.00	707.00	774.00	814.00	903.00
	771.00	752.00	740.00	729.00	
4416500.00	717.00	711.00	807.00	902.00	897.00
	767.00	752.00	751.00	746.00	
4416000.00	732.00	716.00	803.00	870.00	950.00
	776.00	786.00	784.00	781.00	
4415500.00	763.00	719.00	774.00	880.00	958.00
	793.00	854.00	789.00	779.00	

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 742.00       726.00       810.00       902.00       981.00
  4415000.00 |       842.00       803.00       800.00       782.00
 762.00       724.00       801.00       859.00       951.00
  4414500.00 |       830.00       892.00       883.00       843.00
 745.00       736.00       797.00       893.00       961.00
  4414000.00 |       875.00       953.00       879.00       797.00
 754.00       745.00       806.00       872.00       972.00
  4413500.00 |       905.00       897.00       849.00       823.00
 736.00       764.00       846.00       899.00      1007.00
  4413000.00 |       906.00       920.00       869.00       828.00
 742.00       811.00       928.00       959.00       939.00
  4412500.00 |       947.00       852.00       852.00       750.00
 766.00       861.00       923.00       981.00       905.00
  4412000.00 |       928.00       806.00       800.00       749.00
 818.00       922.00       978.00       969.00       929.00
  4411500.00 |       909.00       790.00       778.00       785.00
 863.00       940.00       937.00       921.00       871.00
  4411000.00 |       868.00       793.00       857.00       887.00
 877.00       954.00       908.00       881.00       874.00
  4410500.00 |       765.00       818.00       872.00       970.00
 953.00       951.00       920.00       863.00       822.00
  4410000.00 |       813.00       937.00       963.00      1067.00
1033.00       940.00       902.00       853.00       830.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
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 **MODELOPTs:  RegDFAULT CONC
  ELEV
```

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)										
	532500.00	533000.00	533500.00	534000.00	534500.00	535000.00	535500.00	536000.00	536500.00		
4425000.00	1100.00	1013.00	942.00	870.00	807.00	829.00	756.00	726.00	676.00		
4424500.00	977.00	978.00	878.00	812.00	786.00	798.00	775.00	714.00	680.00		
4424000.00	936.00	949.00	873.00	797.00	760.00	745.00	755.00	737.00	712.00		
4423500.00	913.00	903.00	833.00	756.00	753.00	712.00	736.00	721.00	662.00		
4423000.00	884.00	860.00	827.00	757.00	736.00	700.00	710.00	657.00	656.00		
4422500.00	863.00	822.00	783.00	782.00	726.00	685.00	667.00	670.00	686.00		
4422000.00	869.00	794.00	731.00	739.00	697.00	696.00	659.00	725.00	738.00		
4421500.00	833.00	768.00	734.00	694.00	677.00	665.00	662.00	735.00	764.00		
4421000.00	776.00	725.00	714.00	672.00							

694.00	762.00	661.00	674.00	717.00	
4420500.00	808.00	725.00	682.00	675.00	
735.00	779.00	701.00	663.00	679.00	
4420000.00	730.00	687.00	708.00	697.00	
774.00	762.00	772.00	682.00	666.00	
4419500.00	704.00	743.00	780.00	733.00	
783.00	801.00	809.00	721.00	673.00	
4419000.00	764.00	845.00	829.00	770.00	
816.00	786.00	749.00	668.00	670.00	
4418500.00	834.00	859.00	866.00	829.00	
757.00	732.00	689.00	667.00	674.00	
4418000.00	891.00	946.00	914.00	812.00	
758.00	697.00	663.00	694.00	732.00	
4417500.00	929.00	980.00	930.00	894.00	
816.00	739.00	665.00	704.00	730.00	
4417000.00	960.00	1014.00	961.00	815.00	
822.00	758.00	672.00	667.00	691.00	
4416500.00	1000.00	1008.00	934.00	815.00	
733.00	685.00	665.00	676.00	701.00	
4416000.00	1014.00	918.00	855.00	774.00	
688.00	666.00	712.00	724.00	713.00	
4415500.00	1013.00	945.00	847.00	749.00	
712.00	673.00	667.00	731.00	712.00	
4415000.00	1001.00	900.00	811.00	769.00	
740.00	696.00	669.00	685.00	709.00	
4414500.00	941.00	868.00	797.00	766.00	
767.00	701.00	668.00	690.00	704.00	
4414000.00	976.00	900.00	871.00	778.00	
764.00	694.00	671.00	713.00	742.00	
4413500.00	977.00	921.00	874.00	780.00	
726.00	706.00	677.00	681.00	741.00	
4413000.00	912.00	852.00	823.00	806.00	

742.00 722.00 692.00 875.00 696.00
4412500.00 | 857.00 817.00 790.00 780.00
750.00 740.00 703.00 683.00 677.00
4412000.00 | 855.00 806.00 770.00 742.00
728.00 728.00 710.00 744.00 674.00
4411500.00 | 818.00 801.00 765.00 794.00
833.00 776.00 730.00 747.00 717.00
4411000.00 | 799.00 802.00 808.00 867.00
856.00 791.00 858.00 767.00 795.00
4410500.00 | 855.00 835.00 877.00 909.00
840.00 817.00 802.00 768.00 772.00
4410000.00 | 838.00 902.00 933.00 884.00
863.00 855.00 815.00 777.00 756.00

*** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
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*** 19:06:27

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**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)

(METERS)	537000.00	537500.00	538000.00	538500.00	539000.00	539500.00	540000.00	540500.00	541000.00
4425000.00	671.00	810.00	759.00	731.00	738.00	751.00	770.00	796.00	835.00
4424500.00	658.00	718.00	810.00	763.00	777.00	770.00	785.00	813.00	851.00
4424000.00	663.00	699.00	823.00	799.00	800.00	798.00	814.00	833.00	897.00
4423500.00	663.00	729.00	838.00	881.00	826.00	817.00	861.00	860.00	845.00
4423000.00	682.00	739.00	833.00	820.00	815.00	812.00	826.00	814.00	810.00
4422500.00	723.00	753.00	777.00	775.00	776.00	792.00	789.00	784.00	800.00
4422000.00	772.00	744.00	751.00	740.00	767.00	767.00	762.00	765.00	774.00
4421500.00	751.00	729.00	726.00	720.00	728.00	735.00	742.00	750.00	780.00
4421000.00	712.00	705.00	711.00	740.00	747.00	746.00	761.00	780.00	809.00
4420500.00	700.00	712.00	711.00	732.00	765.00	757.00	772.00	802.00	840.00
4420000.00	686.00	689.00	735.00	741.00	766.00	791.00	786.00	818.00	855.00
4419500.00	679.00	713.00	788.00	778.00	783.00	817.00	808.00	826.00	873.00
4419000.00	685.00	740.00	789.00	803.00	801.00	821.00	832.00	843.00	857.00
4418500.00	694.00	730.00	766.00	780.00					

787.00	828.00	846.00	867.00	896.00	
4418000.00		706.00	751.00	759.00	799.00
789.00	840.00	876.00	890.00	930.00	
4417500.00		728.00	761.00	782.00	857.00
810.00	845.00	905.00	933.00	973.00	
4417000.00		745.00	801.00	804.00	878.00
854.00	915.00	1009.00	999.00	1047.00	
4416500.00		753.00	816.00	839.00	915.00
986.00	981.00	1047.00	975.00	998.00	
4416000.00		759.00	799.00	823.00	847.00
940.00	937.00	982.00	966.00	919.00	
4415500.00		762.00	774.00	783.00	856.00
934.00	920.00	909.00	919.00	868.00	
4415000.00		722.00	746.00	765.00	800.00
835.00	880.00	871.00	857.00	845.00	
4414500.00		716.00	733.00	750.00	789.00
799.00	816.00	849.00	825.00	840.00	
4414000.00		777.00	802.00	759.00	762.00
779.00	788.00	799.00	796.00	846.00	
4413500.00		771.00	798.00	765.00	766.00
770.00	778.00	778.00	790.00	806.00	
4413000.00		769.00	756.00	779.00	780.00
763.00	763.00	764.00	773.00	780.00	
4412500.00		708.00	722.00	751.00	748.00
738.00	750.00	743.00	791.00	792.00	
4412000.00		689.00	701.00	713.00	716.00
728.00	742.00	751.00	771.00	779.00	
4411500.00		670.00	681.00	694.00	704.00
718.00	718.00	735.00	775.00	792.00	
4411000.00		688.00	676.00	680.00	687.00
708.00	706.00	737.00	740.00	741.00	
4410500.00		717.00	693.00	697.00	683.00

680.00 680.00 685.00 697.00 703.00
4410000.00 | 719.00 761.00 736.00 734.00
705.00 680.00 677.00 679.00 710.00
*** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 19:06:27

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)			
	541500.00	542000.00	542500.00	543000.00
4425000.00	884.00	992.00	962.00	931.00
4424500.00	955.00	914.00	901.00	887.00
4424000.00	880.00	876.00	861.00	854.00
4423500.00	843.00	846.00	859.00	823.00
4423000.00	817.00	811.00	805.00	845.00
4422500.00	793.00	793.00	825.00	777.00

4422000.00	772.00	822.00	872.00	989.00
4421500.00	816.00	865.00	907.00	1051.00
4421000.00	876.00	976.00	1068.00	1124.00
4420500.00	932.00	1047.00	1080.00	1086.00
4420000.00	936.00	1074.00	1024.00	1042.00
4419500.00	982.00	959.00	958.00	985.00
4419000.00	918.00	1025.00	1048.00	1060.00
4418500.00	971.00	1096.00	1068.00	1110.00
4418000.00	1022.00	1048.00	1069.00	1051.00
4417500.00	1023.00	1022.00	1017.00	984.00
4417000.00	967.00	1027.00	968.00	999.00
4416500.00	987.00	951.00	968.00	997.00
4416000.00	943.00	919.00	1047.00	1084.00
4415500.00	889.00	1000.00	1038.00	1054.00
4415000.00	893.00	945.00	981.00	1001.00
4414500.00	934.00	947.00	931.00	978.00
4414000.00	856.00	896.00	892.00	916.00
4413500.00	820.00	851.00	853.00	883.00
4413000.00	799.00	812.00	824.00	835.00
4412500.00	774.00	781.00	798.00	797.00
4412000.00	752.00	774.00	779.00	773.00
4411500.00	746.00	779.00	766.00	754.00
4411000.00	732.00	775.00	753.00	745.00
4410500.00	742.00	753.00	740.00	727.00
4410000.00	745.00	738.00	732.00	710.00

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
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**MODELOPTs: RegDFAULT CONC

ELEV

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	528000.00	528500.00	529000.00	529500.00	530000.00
530500.00	531000.00	531500.00	532000.00		
4425000.00	1098.00	1080.00	1013.00	1027.00	990.00
961.00	992.00	1100.00	1060.00		
4424500.00	1033.00	1040.00	980.00	945.00	930.00
927.00	1024.00	1057.00	1013.00		
4424000.00	970.00	998.00	952.00	928.00	895.00
952.00	1031.00	1037.00	991.00		
4423500.00	918.00	927.00	907.00	907.00	864.00
945.00	1016.00	983.00	943.00		
4423000.00	847.00	848.00	862.00	880.00	845.00
925.00	970.00	959.00	883.00		
4422500.00	813.00	813.00	843.00	847.00	827.00
904.00	893.00	884.00	845.00		
4422000.00	794.00	789.00	812.00	817.00	810.00
877.00	832.00	815.00	811.00		
4421500.00	763.00	775.00	785.00	790.00	

794.00	848.00	799.00	778.00	829.00	
4421000.00		755.00	759.00	762.00	767.00
777.00	807.00	774.00	752.00	828.00	
4420500.00		754.00	745.00	747.00	753.00
767.00	806.00	757.00	736.00	796.00	
4420000.00		771.00	739.00	738.00	742.00
753.00	760.00	729.00	725.00	780.00	
4419500.00		776.00	741.00	733.00	727.00
735.00	733.00	702.00	701.00	695.00	
4419000.00		770.00	737.00	730.00	719.00
717.00	711.00	699.00	724.00	804.00	
4418500.00		771.00	744.00	725.00	724.00
712.00	703.00	700.00	843.00	872.00	
4418000.00		772.00	743.00	729.00	717.00
709.00	704.00	729.00	799.00	862.00	
4417500.00		755.00	739.00	731.00	723.00
709.00	707.00	774.00	814.00	903.00	
4417000.00		771.00	752.00	740.00	729.00
717.00	711.00	807.00	902.00	897.00	
4416500.00		767.00	752.00	751.00	746.00
732.00	716.00	803.00	870.00	950.00	
4416000.00		776.00	786.00	784.00	781.00
763.00	719.00	774.00	880.00	958.00	
4415500.00		793.00	854.00	789.00	779.00
742.00	726.00	810.00	902.00	981.00	
4415000.00		842.00	803.00	800.00	782.00
762.00	724.00	801.00	859.00	951.00	
4414500.00		830.00	892.00	883.00	843.00
745.00	736.00	797.00	893.00	961.00	
4414000.00		875.00	953.00	879.00	797.00
754.00	745.00	806.00	872.00	972.00	
4413500.00		905.00	897.00	849.00	823.00

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 736.00       764.00       846.00       899.00      1007.00
  4413000.00 |        906.00       920.00       869.00       828.00
 742.00       811.00       928.00       959.00       939.00
  4412500.00 |        947.00       852.00       852.00       750.00
 766.00       861.00       923.00       981.00       905.00
  4412000.00 |        928.00       806.00       800.00       749.00
 818.00       922.00       978.00       969.00       929.00
  4411500.00 |        909.00       790.00       778.00       785.00
 863.00       940.00       937.00       921.00       871.00
  4411000.00 |        868.00       793.00       857.00       887.00
 877.00       954.00       908.00       881.00       874.00
  4410500.00 |        765.00       818.00       872.00       970.00
 953.00       951.00       920.00       863.00       822.00
  4410000.00 |        813.00       937.00       963.00      1067.00
1033.00       940.00       902.00       853.00       830.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                   ***
                                   ***        19:06:27

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 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                    *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***

                                                 * HILL HEIGHT SCALES IN
METERS *
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Y-COORD (METERS)	X-COORD (METERS)				
	532500.00	533000.00	533500.00	534000.00	534500.00
535000.00	535500.00	536000.00	536500.00		
4425000.00	1100.00	1013.00	942.00	870.00	807.00
829.00	756.00	726.00	676.00		
4424500.00	977.00	978.00	878.00	812.00	786.00
798.00	775.00	714.00	680.00		
4424000.00	936.00	949.00	873.00	797.00	760.00
745.00	755.00	737.00	712.00		
4423500.00	913.00	903.00	833.00	756.00	753.00
712.00	736.00	721.00	662.00		
4423000.00	884.00	860.00	827.00	757.00	736.00
700.00	710.00	657.00	656.00		
4422500.00	863.00	822.00	783.00	782.00	726.00
685.00	667.00	670.00	686.00		
4422000.00	869.00	794.00	731.00	739.00	697.00
696.00	659.00	725.00	738.00		
4421500.00	833.00	768.00	734.00	694.00	677.00
665.00	662.00	735.00	764.00		
4421000.00	776.00	725.00	714.00	672.00	694.00
762.00	661.00	674.00	717.00		
4420500.00	808.00	725.00	682.00	675.00	735.00
779.00	701.00	663.00	679.00		
4420000.00	730.00	687.00	708.00	697.00	774.00
762.00	772.00	682.00	666.00		
4419500.00	704.00	743.00	780.00	733.00	783.00
801.00	809.00	721.00	673.00		
4419000.00	764.00	845.00	829.00	770.00	

816.00 786.00 749.00 668.00 670.00
4418500.00 | 834.00 859.00 866.00 829.00
757.00 732.00 689.00 667.00 674.00
4418000.00 | 891.00 946.00 914.00 812.00
758.00 697.00 663.00 694.00 732.00
4417500.00 | 929.00 980.00 930.00 894.00
816.00 739.00 665.00 704.00 730.00
4417000.00 | 960.00 1014.00 961.00 815.00
822.00 758.00 672.00 667.00 691.00
4416500.00 | 1000.00 1008.00 934.00 815.00
733.00 685.00 665.00 676.00 701.00
4416000.00 | 1014.00 918.00 855.00 774.00
688.00 666.00 712.00 724.00 713.00
4415500.00 | 1013.00 945.00 847.00 749.00
712.00 673.00 667.00 731.00 712.00
4415000.00 | 1001.00 900.00 811.00 769.00
740.00 696.00 669.00 685.00 709.00
4414500.00 | 941.00 868.00 797.00 766.00
767.00 701.00 668.00 690.00 704.00
4414000.00 | 976.00 900.00 871.00 778.00
764.00 694.00 671.00 713.00 742.00
4413500.00 | 977.00 921.00 874.00 780.00
726.00 706.00 677.00 681.00 741.00
4413000.00 | 912.00 852.00 823.00 806.00
742.00 722.00 692.00 875.00 696.00
4412500.00 | 857.00 817.00 790.00 780.00
750.00 740.00 703.00 683.00 677.00
4412000.00 | 855.00 806.00 770.00 742.00
728.00 728.00 710.00 744.00 674.00
4411500.00 | 818.00 801.00 765.00 794.00
833.00 776.00 730.00 747.00 717.00
4411000.00 | 799.00 802.00 808.00 867.00

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 856.00       791.00       858.00       767.00       795.00
  4410500.00 |        855.00       835.00       877.00       909.00
 840.00       817.00       802.00       768.00       772.00
  4410000.00 |        838.00       902.00       933.00       884.00
 863.00       855.00       815.00       777.00       756.00
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***        19:06:27

                                              PAGE  11
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                  *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***

                                                * HILL HEIGHT SCALES IN
METERS *

    Y-COORD  |                                                  X-COORD
(METERS)
    (METERS) |     537000.00    537500.00    538000.00    538500.00
539000.00    539500.00    540000.00    540500.00    541000.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  4425000.00 |        671.00       810.00       759.00       731.00
 738.00       751.00       770.00       796.00       835.00
  4424500.00 |        658.00       718.00       810.00       763.00
```

777.00	770.00	785.00	813.00	851.00	
4424000.00		663.00	699.00	823.00	799.00
800.00	798.00	814.00	833.00	897.00	
4423500.00		663.00	729.00	838.00	881.00
826.00	817.00	861.00	860.00	845.00	
4423000.00		682.00	739.00	833.00	820.00
815.00	812.00	826.00	814.00	810.00	
4422500.00		723.00	753.00	777.00	775.00
776.00	792.00	789.00	784.00	800.00	
4422000.00		772.00	744.00	751.00	740.00
767.00	767.00	762.00	765.00	774.00	
4421500.00		751.00	729.00	726.00	720.00
728.00	735.00	742.00	750.00	780.00	
4421000.00		712.00	705.00	711.00	740.00
747.00	746.00	761.00	780.00	809.00	
4420500.00		700.00	712.00	711.00	732.00
765.00	757.00	772.00	802.00	840.00	
4420000.00		686.00	689.00	735.00	741.00
766.00	791.00	786.00	818.00	855.00	
4419500.00		679.00	713.00	788.00	778.00
783.00	817.00	808.00	826.00	873.00	
4419000.00		685.00	740.00	789.00	803.00
801.00	821.00	832.00	843.00	857.00	
4418500.00		694.00	730.00	766.00	780.00
787.00	828.00	846.00	867.00	896.00	
4418000.00		706.00	751.00	759.00	799.00
789.00	840.00	876.00	890.00	930.00	
4417500.00		728.00	761.00	782.00	857.00
810.00	845.00	905.00	933.00	973.00	
4417000.00		745.00	801.00	804.00	878.00
854.00	915.00	1009.00	999.00	1047.00	
4416500.00		753.00	816.00	839.00	915.00

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986.00       981.00      1047.00       975.00       998.00
 4416000.00 |         759.00       799.00       823.00       847.00
940.00       937.00       982.00       966.00       919.00
 4415500.00 |         762.00       774.00       783.00       856.00
934.00       920.00       909.00       919.00       868.00
 4415000.00 |         722.00       746.00       765.00       800.00
835.00       880.00       871.00       857.00       845.00
 4414500.00 |         716.00       733.00       750.00       789.00
799.00       816.00       849.00       825.00       840.00
 4414000.00 |         777.00       802.00       759.00       762.00
779.00       788.00       799.00       796.00       846.00
 4413500.00 |         771.00       798.00       765.00       766.00
770.00       778.00       778.00       790.00       806.00
 4413000.00 |         769.00       756.00       779.00       780.00
763.00       763.00       764.00       773.00       780.00
 4412500.00 |         708.00       722.00       751.00       748.00
738.00       750.00       743.00       791.00       792.00
 4412000.00 |         689.00       701.00       713.00       716.00
728.00       742.00       751.00       771.00       779.00
 4411500.00 |         670.00       681.00       694.00       704.00
718.00       718.00       735.00       775.00       792.00
 4411000.00 |         688.00       676.00       680.00       687.00
708.00       706.00       737.00       740.00       741.00
 4410500.00 |         717.00       693.00       697.00       683.00
680.00       680.00       685.00       697.00       703.00
 4410000.00 |         719.00       761.00       736.00       734.00
705.00       680.00       677.00       679.00       710.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/27/11
                                  ***
                                  ***        19:06:27
```

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 541500.00	542000.00	542500.00	543000.00
4425000.00	884.00	992.00	962.00	931.00
4424500.00	955.00	914.00	901.00	887.00
4424000.00	880.00	876.00	861.00	854.00
4423500.00	843.00	846.00	859.00	823.00
4423000.00	817.00	811.00	805.00	845.00
4422500.00	793.00	793.00	825.00	777.00
4422000.00	772.00	822.00	872.00	989.00
4421500.00	816.00	865.00	907.00	1051.00
4421000.00	876.00	976.00	1068.00	1124.00
4420500.00	932.00	1047.00	1080.00	1086.00
4420000.00	936.00	1074.00	1024.00	1042.00
4419500.00	982.00	959.00	958.00	985.00
4419000.00	918.00	1025.00	1048.00	1060.00
4418500.00	971.00	1096.00	1068.00	1110.00

4418000.00	1022.00	1048.00	1069.00	1051.00
4417500.00	1023.00	1022.00	1017.00	984.00
4417000.00	967.00	1027.00	968.00	999.00
4416500.00	987.00	951.00	968.00	997.00
4416000.00	943.00	919.00	1047.00	1084.00
4415500.00	889.00	1000.00	1038.00	1054.00
4415000.00	893.00	945.00	981.00	1001.00
4414500.00	934.00	947.00	931.00	978.00
4414000.00	856.00	896.00	892.00	916.00
4413500.00	820.00	851.00	853.00	883.00
4413000.00	799.00	812.00	824.00	835.00
4412500.00	774.00	781.00	798.00	797.00
4412000.00	752.00	774.00	779.00	773.00
4411500.00	746.00	779.00	766.00	754.00
4411000.00	732.00	775.00	753.00	745.00
4410500.00	742.00	753.00	740.00	727.00
4410000.00	745.00	738.00	732.00	710.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** DISCRETE CARTESIAN
RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,
ZHILL, ZFLAG)

(METERS)

```
     ( 537268.0, 4419321.0,     708.0,     708.0,       0.0);         (
533288.0, 4420664.0,     702.0,     702.0,       0.0);
     ( 530873.0, 4418253.0,     707.0,     707.0,       0.0);         (
532253.0, 4419045.0,     772.0,     772.0,       0.0);
     ( 534268.0, 4421987.0,     720.0,     720.0,       0.0);         (
536366.0, 4419557.0,     688.0,     688.0,       0.0);
     ( 534987.0, 4418091.0,     692.0,     692.0,       0.0);         (
530614.0, 4415312.0,     729.0,     729.0,       0.0);
     ( 538946.0, 4413223.0,     762.0,     762.0,       0.0);         (
541693.0, 4411996.0,     758.0,     758.0,       0.0);
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
                                  ***       19:06:27

                                            PAGE  14
 **MODELOPTs:  RegDFAULT CONC
  ELEV


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

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

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

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED ***

10/27/11

***

***

19:06:27

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**MODELOPTs: RegDFAULT CONC ELEV

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

Surface file: C:\idk.nox.kotu.SON\VERIM.kotuhal.SFC
Met Version: 06341
Profile file: C:\idk.nox.kotu.SON\o.VERIM.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 17135 Upper air station no.: 17130
Name: UNKNOWN Name: UNKNOWN
Year: 2004 Year: 2004

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
04	01	01	1	01	-3.7	0.087	-9.000	-9.000	-999.	59.	15.8	0.99	2.27	1.00	1.00	1.	10.0	271.4	2.0
04	01	01	1	02	-24.5	0.416	-9.000	-9.000	-999.	618.	266.2	0.99	2.27	1.00	2.60	48.	10.0	270.9	2.0
04	01	01	1	03	-24.5	0.416	-9.000	-9.000	-999.	618.	266.2	0.99	2.27	1.00	2.60	54.	10.0	270.9	2.0
04	01	01	1	04	-10.7	0.183	-9.000	-9.000	-999.	232.	51.1	0.99							

```
2.27   1.00    1.50   53.   10.0  270.9    2.0
04 01 01   1 05   -3.7  0.087 -9.000 -9.000 -999.   70.     15.8  0.99
2.27   1.00    1.00    3.   10.0  271.4    2.0
04 01 01   1 06   -0.9  0.043 -9.000 -9.000 -999.   21.      7.9  0.99
2.27   1.00    0.50   22.   10.0  271.4    2.0
04 01 01   1 07   -3.7  0.087 -9.000 -9.000 -999.   59.     15.8  0.99
2.27   1.00    1.00   25.   10.0  271.4    2.0
04 01 01   1 08  -10.5  0.190 -9.000 -9.000 -999.  190.     58.5  0.99
2.27   0.53    1.50   73.   10.0  272.0    2.0
04 01 01   1 09   -1.7  0.253 -9.000 -9.000 -999.  293.    847.3  0.99
2.27   0.26    1.50   67.   10.0  272.0    2.0
04 01 01   1 10   15.0  0.207  0.305  0.005   68.  217.    -53.0  0.99
2.27   0.17    1.00   71.   10.0  272.0    2.0
04 01 01   1 11   26.8  0.295  0.521  0.005  190.  368.    -86.3  0.99
2.27   0.13    1.50   94.   10.0  272.5    2.0
04 01 01   1 12   32.3  0.142  0.671  0.005  338.  138.     -8.0  0.99
2.27   0.12    0.50  176.   10.0  273.1    2.0
04 01 01   1 13   31.3  0.298  0.747  0.005  481.  374.    -76.5  0.99
2.27   0.12    1.50   73.   10.0  273.8    2.0
04 01 01   1 14   23.7  0.292  0.716  0.005  558.  363.    -94.6  0.99
2.27   0.14    1.50   69.   10.0  273.8    2.0
04 01 01   1 15   10.1  0.375  0.541  0.005  564.  528.   -470.0  0.99
2.27   0.19    2.10   72.   10.0  273.1    2.0
04 01 01   1 16   -6.4  0.231 -9.000 -9.000 -999.  267.    173.2  0.99
2.27   0.32    1.50   94.   10.0  273.1    2.0
04 01 01   1 17  -10.1  0.145 -9.000 -9.000 -999.  130.     27.3  0.99
2.27   1.00    1.50   91.   10.0  273.1    2.0
04 01 01   1 18  -10.1  0.145 -9.000 -9.000 -999.  127.     27.3  0.99
2.27   1.00    1.50   67.   10.0  273.1    2.0
04 01 01   1 19   -1.0  0.043 -9.000 -9.000 -999.   30.      7.3  0.99
2.27   1.00    0.50   74.   10.0  273.1    2.0
04 01 01   1 20   -1.0  0.043 -9.000 -9.000 -999.   21.      7.3  0.99
```

```
2.27   1.00    0.50   47.   10.0  273.8    2.0
04 01 01   1 21   -4.0  0.087 -9.000 -9.000 -999.   59.     14.5  0.99
2.27   1.00    1.00  160.   10.0  273.1    2.0
04 01 01   1 22   -1.0  0.043 -9.000 -9.000 -999.   21.      7.3  0.99
2.27   1.00    0.50  202.   10.0  273.1    2.0
04 01 01   1 23   -4.0  0.087 -9.000 -9.000 -999.   59.     14.5  0.99
2.27   1.00    1.00  110.   10.0  273.1    2.0
04 01 01   1 24  -21.6  0.310 -9.000 -9.000 -999.  397.    124.6  0.99
2.27   1.00    2.10   70.   10.0  272.5    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 04 01 01 01   10.0 1    1.    1.00   271.5   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***        19:06:27

                                              PAGE  16
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: 2ALT-KUM ***
                                  INCLUDING SOURCE(S):      BACA1A   ,
BACA1B   , ON.ISIT., CALIK1   , CALIK2   , CALIK3   ,
```

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	528000.00	528500.00	529000.00	529500.00	530000.00
530500.00	531000.00	531500.00	532000.00		
4425000.00	0.34346	0.35851	0.34749	0.34808	0.31320
0.26246	0.27850	0.35480	0.38546		
4424500.00	0.41399	0.45564	0.39158	0.41316	0.38942
0.30958	0.39666	0.43464	0.40460		
4424000.00	0.27293	0.43060	0.37476	0.46695	0.48048
0.40804	0.68033	0.69535	0.48764		
4423500.00	0.15987	0.21203	0.30060	0.44748	0.44700
0.49047	0.84474	0.53848	0.34852		
4423000.00	0.11029	0.11973	0.16204	0.29357	0.31614
0.56353	0.56526	0.46361	0.25257		
4422500.00	0.10227	0.10609	0.12433	0.15252	0.17825
0.54735	0.64342	0.52649	0.24634		
4422000.00	0.10358	0.10633	0.11455	0.12212	0.13117
0.33213	0.31276	0.25578	0.21548		
4421500.00	0.10745	0.11169	0.11670	0.12236	0.12934
0.17519	0.16226	0.16654	0.37063		
4421000.00	0.11623	0.12006	0.12435	0.12968	0.13656
0.14932	0.15309	0.16334	0.38291		
4420500.00	0.12709	0.13069	0.13530	0.14051	

0.14711	0.16037	0.16133	0.17123	0.20235	
4420000.00	|	0.14230	0.14124	0.14676	0.15211
0.15795	0.16407	0.16984	0.17858	0.19281	
4419500.00	|	0.14987	0.14906	0.15492	0.16085
0.16733	0.17367	0.17813	0.18660	0.19835	
4419000.00	|	0.15284	0.15542	0.16056	0.16579
0.17234	0.17960	0.18808	0.20246	0.27385	
4418500.00	|	0.16520	0.16483	0.16925	0.17475
0.18051	0.18885	0.20011	0.44016	0.86031	
4418000.00	|	0.18827	0.17886	0.18532	0.19063
0.19801	0.20873	0.22783	0.29365	0.63653	
4417500.00	|	0.18649	0.19078	0.20008	0.21017
0.21906	0.23478	0.29390	0.74622	2.98180	
4417000.00	|	0.20082	0.19621	0.20566	0.21858
0.23260	0.25067	0.38224	1.19437	1.26444	
4416500.00	|	0.19327	0.20210	0.21634	0.23325
0.25429	0.27842	0.57140	3.38264	3.63842	
4416000.00	|	0.22488	0.27705	0.31581	0.35378
0.31908	0.31926	0.45893	5.56238	3.13818	
4415500.00	|	0.42415	2.09817	0.50121	0.43052
0.31389	0.32873	0.87087	1.81171	2.40062	
4415000.00	|	1.99263	0.78060	0.72489	0.42443
0.31840	0.31591	0.43932	2.57376	3.70270	
4414500.00	|	1.44667	2.39128	1.76249	0.75713
0.29834	0.32979	0.74912	5.98876	3.22277	
4414000.00	|	1.39178	1.20314	0.73770	0.35932
0.32079	0.34970	1.33373	5.03862	1.63696	
4413500.00	|	0.74960	0.80326	0.99777	1.15485
0.32807	0.39082	3.17661	1.98299	0.82897	
4413000.00	|	0.94996	1.51632	2.58849	1.94160
0.31489	1.12560	1.65743	0.77689	0.47873	
4412500.00	|	1.48544	2.28918	2.94218	0.30314

```
0.31998      1.44849      0.69367      0.51550      0.33779
  4412000.00 |       2.24460      0.93793      0.79163      0.26199
0.62153      0.68383      0.48982      0.39406      0.42086
  4411500.00 |       2.93451      0.54266      0.34202      0.28789
0.50803      0.41982      0.32168      0.31718      0.46784
  4411000.00 |       2.83165      0.46222      1.13888      0.60770
0.28144      0.32595      0.25246      0.31036      0.75081
  4410500.00 |       0.25077      0.53367      0.55234      0.44094
0.31212      0.27573      0.28398      0.40568      0.57904
  4410000.00 |       0.45441      0.63718      0.42428      0.28647
0.26716      0.25998      0.31792      0.55990      0.82381
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
                                  ***        19:06:27

                                             PAGE  17
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: 2ALT-KUM ***
                                  INCLUDING SOURCE(S):      BACA1A   ,
BACA1B   , ON.ISIT., CALIK1   , CALIK2   , CALIK3   ,

                                  *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***

                                       ** CONC OF NOX      IN
MICROGRAMS/M**3                         **
```

Y-COORD (METERS)	X-COORD (METERS)				
	532500.00	533000.00	533500.00	534000.00	534500.00
4425000.00	0.42015	0.43786	0.33872	0.21712	0.18680
4424500.00	0.45019	0.44668	0.32739	0.17583	0.18556
4424000.00	0.50009	0.52515	0.38848	0.18352	0.19489
4423500.00	0.47083	0.60130	0.32192	0.18959	0.21212
4423000.00	0.35219	0.49117	0.33742	0.20478	0.23096
4422500.00	0.25413	0.27583	0.21668	0.23081	0.25147
4422000.00	0.29651	0.20363	0.21262	0.23957	0.27482
4421500.00	0.30443	0.20075	0.22758	0.25819	0.30252
4421000.00	0.20472	0.21141	0.23840	0.27607	0.32703
4420500.00	0.30383	0.22322	0.24871	0.29248	0.35639
4420000.00	0.20814	0.22913	0.25915	0.30826	0.40122
4419500.00	0.21460	0.24035	0.30209	0.32882	0.45647

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  4419000.00 |       0.23315      0.29956      0.37424      0.36457
0.58093      0.71605      0.97624      0.88305      0.63291
  4418500.00 |       0.63906      0.92457      0.51905      0.44817
0.49552      0.86997      1.39742      0.98228      0.74646
  4418000.00 |       0.80919      1.36825      1.73465      0.73270
0.58157      0.82304      1.35202      1.22002      0.92703
  4417500.00 |       3.12353      3.36710      4.62796      7.18003
2.96422      1.37432      0.47429      1.21105      0.87589
  4417000.00 |       2.29310      4.04074      5.27216      4.53362
5.76632      2.31781      0.77486      0.66347      0.57099
  4416500.00 |       3.89770      3.91728      3.94152      5.14280
1.14247      1.34140      0.82242      0.59086      0.43041
  4416000.00 |       3.06493      4.54086     11.24410      0.74748
0.91288      0.87194      0.63029      0.51844      0.39256
  4415500.00 |       2.84227      5.65809      1.72178      0.56954
0.75676      0.62969      0.49241      0.45739      0.36603
  4415000.00 |       2.65065      2.50135      0.43187      0.56195
0.60602      0.47423      0.40095      0.39560      0.34531
  4414500.00 |       1.99821      0.50588      0.41141      0.55331
0.51121      0.38331      0.34048      0.34114      0.32317
  4414000.00 |       0.90151      0.50720      1.43802      0.59244
0.40375      0.32860      0.30024      0.29797      0.30133
  4413500.00 |       0.60925      0.70789      2.47242      0.52595
0.33480      0.28836      0.27222      0.27123      0.27351
  4413000.00 |       0.44570      0.94818      1.41891      0.69417
0.29199      0.26154      0.24702      0.41679      0.24500
  4412500.00 |       0.47301      0.79126      0.56930      0.35771
0.26169      0.24096      0.22831      0.22480      0.22370
  4412000.00 |       0.79155      0.71217      0.36992      0.27834
0.24084      0.22552      0.21371      0.20445      0.20355
  4411500.00 |       0.64523      0.64507      0.31791      0.28369
0.32428      0.23079      0.20248      0.19054      0.18523
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  4411000.00 |       0.49801      0.62903      0.49625      0.43117
0.38657      0.24910      0.65219      0.18193      0.17920
  4410500.00 |       1.62372      1.21210      0.93393      0.44896
0.33695      0.34754      0.26448      0.17197      0.15937
  4410000.00 |       1.28520      1.48324      0.70817      0.35015
0.39739      0.55269      0.31101      0.16731      0.14707
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
                                  ***        19:06:27

                                             PAGE  18
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: 2ALT-KUM ***
                                  INCLUDING SOURCE(S):      BACA1A   ,
BACA1B   , ON.ISIT., CALIK1   , CALIK2   , CALIK3   ,

                                   *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***

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

    Y-COORD  |                                                 X-COORD
(METERS)
    (METERS) |     537000.00    537500.00    538000.00    538500.00
539000.00    539500.00    540000.00    540500.00    541000.00
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4425000.00	0.23470	0.39650	0.29145	0.30174	0.34784
4424500.00	0.47368	0.62408	0.61658	0.47575	0.38171
4424000.00	0.56935	0.86410	0.73139	0.56178	0.43307
4423500.00	0.61061	1.14393	0.89160	0.82472	0.58285
4423000.00	0.38604	0.68871	1.14171	0.90977	0.96774
4422500.00	0.75571	0.48568	0.66650	0.63502	0.94766
4422000.00	1.06232	0.68166	0.51215	0.48583	0.74459
4421500.00	0.77530	0.56413	0.45606	0.36623	0.62726
4421000.00	0.57746	0.46189	0.40675	0.34900	0.55988
4420500.00	0.48063	0.40613	0.38499	0.35148	0.51405
4420000.00	0.41651	0.35551	0.34676	0.39676	0.45131
4419500.00	0.38490	0.32480	0.40250	0.71978	0.41192
4419000.00	0.47177	0.44195	0.61790	1.06585	0.52306
4418500.00	0.68324	0.72896	0.71351	0.65998	0.40565
4418000.00	0.49860	0.44463	0.40576	0.40736	
	0.69005	0.56106	0.47552	0.42524	

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0.34466      0.44782      0.56830      0.58480      0.56744
  4417500.00 |       0.64900      0.53095      0.48864      1.31030
0.50475      0.84074      1.00371      0.80319      0.62531
  4417000.00 |       0.48273      0.45314      0.39459      0.60488
0.52885      0.63849      0.79106      0.56872      0.48250
  4416500.00 |       0.36866      0.46760      0.65199      0.66604
0.56204      0.56131      0.78324      0.41420      0.38702
  4416000.00 |       0.32100      0.28536      0.28775      0.42187
0.52961      0.50088      0.51680      0.39059      0.32031
  4415500.00 |       0.30744      0.25606      0.21502      0.22374
0.31951      0.38120      0.43056      0.41864      0.39126
  4415000.00 |       0.28642      0.24165      0.19971      0.17126
0.16485      0.19250      0.21914      0.25152      0.26358
  4414500.00 |       0.27019      0.22745      0.19157      0.16509
0.14161      0.13246      0.13974      0.12879      0.15522
  4414000.00 |       0.26694      0.23003      0.18316      0.15768
0.13725      0.12152      0.11287      0.10615      0.12019
  4413500.00 |       0.25655      0.21299      0.17251      0.15338
0.13642      0.12070      0.10762      0.10019      0.09763
  4413000.00 |       0.24239      0.19751      0.16520      0.14960
0.13223      0.11957      0.10700      0.09724      0.09079
  4412500.00 |       0.21399      0.18929      0.15801      0.13671
0.12546      0.11675      0.10664      0.10162      0.09134
  4412000.00 |       0.19752      0.17997      0.15471      0.13319
0.12056      0.11297      0.10615      0.09984      0.09136
  4411500.00 |       0.18083      0.17139      0.15145      0.13119
0.11682      0.10885      0.10317      0.10119      0.09800
  4411000.00 |       0.16784      0.16051      0.14793      0.13058
0.11489      0.10569      0.09979      0.09494      0.08943
  4410500.00 |       0.15486      0.15063      0.14163      0.12901
0.11605      0.10580      0.09807      0.09200      0.08719
  4410000.00 |       0.14337      0.14499      0.13788      0.12681
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0.11319 0.10445 0.09633 0.09083 0.08514
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 19:06:27

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: 2ALT-KUM ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 541500.00	542000.00	542500.00	543000.00
4425000.00	0.42673	1.11299	0.67112	0.74131
4424500.00	0.74415	0.70079	0.81221	0.85387
4424000.00	0.79059	0.86447	0.82478	0.75097

4423500.00	0.83039	0.82199	0.87104	0.50494
4423000.00	0.62387	0.51396	0.41339	0.57264
4422500.00	0.40101	0.35172	0.42677	0.23671
4422000.00	0.29559	0.37732	0.42965	0.62023
4421500.00	0.34681	0.36816	0.39515	0.47447
4421000.00	0.41073	0.58384	0.46037	0.34889
4420500.00	0.64528	0.73096	0.55663	0.42601
4420000.00	0.87079	0.60969	0.68608	0.55441
4419500.00	0.79197	0.68960	0.59701	0.52498
4419000.00	0.61553	0.52110	0.44604	0.46993
4418500.00	0.50940	0.50073	0.38245	0.35577
4418000.00	0.63995	0.57042	0.40882	0.36702
4417500.00	0.63507	0.60005	0.48901	0.45100
4417000.00	0.52181	0.57019	0.47724	0.40763
4416500.00	0.39793	0.35839	0.36686	0.35237
4416000.00	0.30054	0.26465	0.43340	0.35407
4415500.00	0.37094	0.36954	0.41612	0.37021
4415000.00	0.36066	0.33067	0.33804	0.33760
4414500.00	0.25051	0.27973	0.30123	0.30886
4414000.00	0.13436	0.18662	0.22046	0.25407
4413500.00	0.09969	0.11498	0.12733	0.16741
4413000.00	0.08946	0.09163	0.09690	0.10508
4412500.00	0.08438	0.08296	0.08505	0.08608
4412000.00	0.08299	0.08020	0.07956	0.07953
4411500.00	0.08324	0.08000	0.07693	0.07610
4411000.00	0.08358	0.08056	0.07592	0.07437
4410500.00	0.08351	0.07955	0.07582	0.07364
4410000.00	0.08236	0.07891	0.07580	0.07320

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: 2ALT-KUM ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** DISCRETE CARTESIAN
RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
537268.00	4419321.00	0.48874	533288.00	4420664.00	0.23084
530873.00	4418253.00	0.20618	532253.00	4419045.00	0.22484
534268.00	4421987.00	0.25751	536366.00	4419557.00	0.65173
534987.00	4418091.00	0.83990	530614.00	4415312.00	0.32554
538946.00	4413223.00	0.13521	541693.00	4411996.00	0.08141

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
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*** 19:06:27

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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	528000.00	528500.00	529000.00	529500.00	530000.00
4425000.0	5.77192c(04122024)	7.76519c(04122024)	9.27873c(04122024)	9.83919c(04122024)	7.88181c(04122024)
4424500.0	5.96147c(04122024)	7.71489c(04122024)			

7.47434c(04122024) 9.44727c(04120424) 10.63525c(04120424)
 4424000.0 | 3.46822c(04122024) 5.79287c(04122024)
5.14168c(04122024) 6.50397c(04120424) 9.55244c(04120424)
 4423500.0 | 1.44908 (04112524) 2.25792c(04122024)
4.91311 (04040824) 7.64559 (04040824) 7.91869 (04071924)
 4423000.0 | 0.92318 (04012324) 0.95105c(04011224)
1.63985 (04040824) 5.43849 (04040824) 5.12627 (04040824)
 4422500.0 | 0.92119 (04012624) 0.97434c(04011224)
0.99463c(04011224) 1.15846 (04040824) 1.95567 (04040824)
 4422000.0 | 0.93941 (04012624) 0.95998c(04011224)
1.01246c(04011224) 1.08241c(04011224) 1.17786c(04011224)
 4421500.0 | 0.96506 (04012624) 0.95708 (04012624)
0.97929c(04011224) 1.05388c(04011224) 1.12750c(04011224)
 4421000.0 | 1.01300 (04012624) 0.99857 (04012624)
0.97921 (04012624) 0.97590c(04011224) 1.04746c(04011224)
 4420500.0 | 1.07811 (04012624) 1.06140 (04012624)
1.04030 (04012624) 1.01240 (04012624) 0.97766 (04012624)
 4420000.0 | 1.16356 (04012624) 1.14547 (04012624)
1.12843 (04012624) 1.10357 (04012624) 1.06865 (04012624)
 4419500.0 | 1.26256 (04012624) 1.24649 (04012624)
1.23794 (04012624) 1.22215 (04012624) 1.19940 (04012624)
 4419000.0 | 1.36217 (04012624) 1.36012 (04012624)
1.36309 (04012624) 1.35734 (04012624) 1.35148 (04012624)
 4418500.0 | 1.48472 (04012624) 1.49748 (04012624)
1.50472 (04012624) 1.52149 (04012624) 1.50811 (04012624)
 4418000.0 | 1.62139 (04012624) 1.64484 (04012624)
1.69996 (04012624) 1.66609 (04012624) 1.65739 (04012624)
 4417500.0 | 1.59360 (04012324) 1.65842 (04012624)
1.72092 (04012624) 1.73597 (04012624) 1.67783 (04012624)
 4417000.0 | 1.49776 (04012624) 1.50153 (04012624)
1.57235 (04012624) 1.61424 (04012624) 1.59737 (04012624)
 4416500.0 | 1.30410 (04012624) 1.30903 (04012624)

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1.33122 (04012624)      1.35142 (04012624)      1.36602 (04012624)
 4416000.0 |       1.33970 (04011924)      1.57230 (04011024)
1.71054 (04011024)      1.78467 (04011024)      1.49131 (04011924)
 4415500.0 |       2.23986 (04011024)     10.96100 (04041324)
2.03282 (04011024)      1.66520 (04011024)      1.62365c(04122724)
 4415000.0 |       9.15646c(04102624)      3.62493 (04121624)
3.55983 (04062924)      1.87341c(04122724)      2.01873c(04122724)
 4414500.0 |       8.14795 (04121624)     21.33814 (04020424)
16.41239 (04020424)      4.77170 (04020424)      2.38217c(04122724)
 4414000.0 |      12.52794 (04020424)      9.63466 (04122224)
4.09977 (04020424)      2.57166c(04122724)      2.70282c(04122724)
 4413500.0 |       4.68902 (04020424)      4.21263 (04102124)
7.93052 (04092924)      9.42173 (04092924)      2.88141c(04122724)
 4413000.0 |       5.87181 (04102124)     10.46803 (04111324)
22.58592 (04092924)     12.64432 (04092924)      2.87244c(04122724)
 4412500.0 |      11.13831 (04111324)     19.20141 (04092924)
19.10316 (04111324)      2.77618c(04122724)      2.76699c(04122724)
 4412000.0 |      18.33899 (04111324)      5.00975 (04091324)
4.22080 (04092724)      2.61201c(04122724)      4.01776 (04092724)
 4411500.0 |      22.66699 (04111324)      2.82262c(04122724)
2.62343c(04122724)      2.48033c(04122724)      3.11741 (04101924)
 4411000.0 |      19.13319 (04092724)      2.68250c(04122724)
8.62918c(04042524)      3.91663 (04101924)      2.08210c(04122724)
 4410500.0 |       2.33199c(04122724)      3.47529 (04092724)
3.63266c(04042524)      5.48469 (04031124)      2.83827 (04031124)
 4410000.0 |       2.82068 (04092724)      6.16279 (04031124)
5.17590 (04031124)      2.62804 (04031124)      1.73562 (04031124)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/27/11
                                  ***
                                  ***        19:06:27
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	530500.00	531000.00	531500.00	532000.00	532500.00
4425000.0	5.05320c(04122024)	4.82819 (04012724)	5.58753 (04012724)	11.77329 (04012724)	10.29135 (04012724)
4424500.0	6.83313c(04120424)	7.05176c(04122024)	6.28361 (04012724)	12.16626 (04012724)	16.12757 (04012724)
4424000.0	10.30641c(04120424)	9.26065c(04122024)	7.20242c(04020224)	10.18180 (04012724)	13.54595 (04011824)
4423500.0	12.00055c(04120424)	11.13171c(04122024)	7.46050c(04122024)	5.78219 (04012724)	12.27044 (04011824)

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 4423000.0 |      9.25565c(04120424)     11.63342c(04120424)
9.17639c(04120424)      2.33334 (04020324)      6.75082 (04011824)
 4422500.0 |      9.46399 (04040824)     10.37191 (04071924)
10.92707c(04120424)      3.14856 (04071924)      2.53843 (04011824)
 4422000.0 |      6.02260 (04040824)      4.14208 (04040824)
3.29657 (04071924)      1.93061 (04013024)      3.16812 (04071924)
 4421500.0 |      1.15161c(04011224)      1.25317c(04011224)
1.27821c(04011224)      6.36115 (04071924)      4.04865 (04071924)
 4421000.0 |      1.13484c(04011224)      1.17539c(04011224)
1.22061c(04011224)      4.71961 (04071924)      1.33393c(04011224)
 4420500.0 |      1.05767c(04011224)      1.10047c(04011224)
1.16762c(04011224)      1.29307c(04011224)      2.59658 (04071924)
 4420000.0 |      1.02332 (04011024)      1.02258c(04011224)
1.11165c(04011224)      1.24396c(04011224)      1.32827c(04011224)
 4419500.0 |      1.16071 (04012624)      1.09852 (04012624)
1.04115c(04011224)      1.15476c(04011224)      1.29197c(04011224)
 4419000.0 |      1.33321 (04012624)      1.29735 (04012624)
1.25112 (04012624)      2.55029 (04012424)      1.24151c(04011224)
 4418500.0 |      1.50968 (04012624)      1.51236 (04012624)
3.88163 (04011524)     11.75694 (04011524)     10.95864 (04011524)
 4418000.0 |      1.67689 (04012624)      1.88884 (04012624)
2.27805 (04012624)      6.55395 (04071124)      8.50700 (04012624)
 4417500.0 |      1.72781 (04012624)      2.01346 (04012624)
6.96552 (04110624)     47.10003 (04110624)     40.80549 (04012624)
 4417000.0 |      1.60953 (04012624)      2.33178 (04012624)
11.75405 (04012624)      9.94817 (04012624)     22.62134 (04030224)
 4416500.0 |      1.36653 (04012624)      2.80996 (04070224)
22.89648 (04041324)     31.19166 (04123124)     35.17045 (04122224)
 4416000.0 |      1.46675 (04030824)      1.83569 (04030824)
36.51834 (04030824)     29.22465 (04122224)     23.97764 (04122224)
 4415500.0 |      1.80639c(04122724)      4.68474 (04062924)
15.58467 (04020424)     17.41061 (04121024)     24.89450 (04031124)
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 4415000.0 |      2.21005c(04122724)      2.60000c(04122724)
23.19986 (04092924)     29.14661 (04111324)     30.69659 (04031124)
 4414500.0 |      2.62824c(04122724)      4.10722 (04092924)
45.10410 (04111324)     26.28728 (04031124)     18.03089 (04031124)
 4414000.0 |      2.88423c(04122724)      6.95821 (04091324)
34.55959 (04092724)     19.27532 (04031124)     11.32692 (04031124)
 4413500.0 |      2.95824c(04122724)     23.76067 (04092724)
14.65357c(04042524)     11.32988 (04031124)      5.33010 (04111224)
 4413000.0 |      7.56053 (04092724)     12.01358 (04031124)
9.61088 (04031124)      3.98967 (04031124)      5.38989 (04111224)
 4412500.0 |     11.01579c(04042524)      6.44421 (04031124)
5.67587 (04031124)      3.06012 (04111224)      3.81409 (04111224)
 4412000.0 |      6.13162 (04031124)      5.74295 (04031124)
3.52567 (04111224)      6.12249 (04111224)      6.19990 (04123124)
 4411500.0 |      4.38038 (04031124)      2.15895 (04031124)
3.73113 (04111224)      4.58434 (04111224)      3.86864 (04061424)
 4411000.0 |      2.73137 (04031124)      2.20184 (04111224)
3.28781 (04111224)      6.78778 (04123124)      2.93835 (04073024)
 4410500.0 |      2.35390 (04111224)      3.61193 (04111224)
3.63893 (04111224)      3.63194 (04082724)     16.30490 (04123124)
 4410000.0 |      3.07553 (04111224)      4.16569 (04111224)
4.16874 (04123124)      6.17699 (04123124)     10.37303 (04073024)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***         10/27/11
                                   ***
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 **MODELOPTs:  RegDFAULT CONC
  ELEV
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	533000.00	533500.00	534000.00
534500.00	535000.00		
4425000.0	15.68384 (04012724)	8.84001 (04040624)	1.74607 (04012724)
1.10026c(04011224)	3.31905 (04021924)		
4424500.0	15.70888 (04012724)	7.16582 (04040624)	1.10470c(04011224)
1.08281c(04011224)	1.38740 (04012024)		
4424000.0	15.06018 (04012724)	9.21442 (04040624)	1.17930 (04012624)
1.16790 (04012624)	1.18845 (04012624)		
4423500.0	25.48277 (04011824)	5.56103 (04011824)	1.19661 (04012624)
1.23091 (04012624)	1.24657 (04012624)		
4423000.0	16.83870 (04011824)	6.53635 (04011824)	1.19346 (04012624)
1.21391 (04012624)	1.22888 (04012624)		
4422500.0	4.45206 (04011824)	1.73752 (04011824)	1.14893 (04012624)
1.12842 (04012624)	1.12784 (04012624)		
4422000.0	1.48167 (04011824)	1.21641 (04011824)	

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1.15892c(04011224)      1.10103c(04011224)      1.14680 (04011124)
 4421500.0 |      1.30000c(04011224)      1.25488c(04011224)
1.19382c(04011224)      1.13931c(04011224)      1.26320 (04112024)
 4421000.0 |      1.32302c(04011224)      1.31345c(04011224)
1.25029c(04011224)      1.21399c(04011224)      1.43882 (04112024)
 4420500.0 |      1.37973c(04011224)      1.37578c(04011224)
1.34679c(04011224)      1.31848c(04011224)      1.72010 (04041424)
 4420000.0 |      1.40197c(04011224)      1.48757c(04011224)
1.48107c(04011224)      1.65140 (04011824)      2.05669 (04041424)
 4419500.0 |      1.45414c(04011224)      1.59354c(04011224)
1.62223c(04011224)      2.77245 (04011824)      2.92599 (04040624)
 4419000.0 |      1.49713c(04011224)      2.15970 (04040824)
1.70042c(04011224)      5.33729 (04011824)      3.92994 (04040624)
 4418500.0 |     25.37861 (04012424)      4.80681 (04031024)
1.69438c(04011224)      2.05609 (04013024)      4.79274 (04040624)
 4418000.0 |     14.72431 (04012624)     18.35794 (04012524)
9.90350 (04012424)      2.16174 (04061324)      3.90477 (04041024)
 4417500.0 |     54.76151 (04012624)     61.41862 (04012624)
112.24266 (04110624)     26.36861 (04112924)      5.10592 (04060424)
 4417000.0 |     35.97999 (04030224)     46.72942 (04123124)
24.47883 (04062924)     39.32231 (04092924)     13.95073 (04070424)
 4416500.0 |     40.78263 (04122224)     23.97413 (04020424)
30.05798 (04092924)      6.58356 (04070524)     10.07236 (04070824)
 4416000.0 |     30.72478 (04111324)     73.50918 (04092724)
4.65871 (04090624)      6.05884 (04070424)      5.87360 (04070824)
 4415500.0 |     39.02877 (04111324)     11.13136c(04042524)
3.16378 (04070924)      5.29671 (04070924)      3.81708 (04090524)
 4415000.0 |     17.48879c(04042524)      1.95249c(04122724)
4.34817 (04101324)      4.26429 (04070924)      3.26224 (04090524)
 4414500.0 |      2.49121c(04122724)      2.73066 (04101324)
4.45741 (04101324)      3.41284 (04073024)      2.81999 (04090524)
 4414000.0 |      4.62110 (04111224)     13.27835 (04123124)
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3.99471 (04101324) 2.62151 (04073024) 2.51569 (04090524)
 4413500.0 | 10.24703 (04111224) 28.72031 (04123124)
3.43716 (04073024) 2.06495 (04073024) 2.29518 (04090524)
 4413000.0 | 7.23528 (04123124) 11.37362 (04073024)
4.30573 (04073024) 1.67815 (04073024) 2.13739 (04090524)
 4412500.0 | 4.91770 (04061424) 3.78809 (04073024)
2.24598 (04073024) 1.64953 (04090524) 2.04124 (04090524)
 4412000.0 | 4.86484 (04073024) 2.48270 (04101324)
1.73784 (04073024) 1.60073 (04090524) 1.88632 (04090524)
 4411500.0 | 4.57281 (04073024) 2.09316 (04101324)
1.60690 (04073024) 3.58037 (04090524) 2.05629 (04090524)
 4411000.0 | 4.39090 (04073024) 2.84134 (04111024)
4.54973 (04111124) 3.92471 (04090524) 2.19982 (04090524)
 4410500.0 | 10.08591 (04111024) 13.56739 (04111124)
6.52071 (04111124) 3.80895 (04090524) 3.86287 (04110824)
 4410000.0 | 24.86272 (04111124) 14.72297 (04111124)
3.40067 (04111124) 4.67570 (04110824) 9.75276 (04110824)
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/27/11
 ***
 *** 19:06:27

 **MODELOPTs: RegDFAULT CONC
  ELEV

 *** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT-KUM ***
 INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	535500.00	536000.00	536500.00	537000.00	537500.00
4425000.0	1.15004c(04011224)	1.21039c(04011224)	1.26785c(04011224)	1.35822c(04011224)	2.75196 (04012124)
4424500.0	1.13563c(04011224)	1.17362c(04011224)	1.23668c(04011224)	1.30559c(04011224)	1.63205 (04021524)
4424000.0	1.22128 (04012624)	1.22773 (04012624)	1.20831c(04011224)	1.53700 (04021524)	1.83157 (04021524)
4423500.0	1.30490 (04012624)	1.33301 (04012624)	1.32853 (04021524)	1.79590 (04021524)	2.03590 (04021524)
4423000.0	1.27215 (04012624)	1.27156 (04012624)	1.59149 (04021524)	2.15273 (04021524)	2.19080 (04021524)
4422500.0	1.15796 (04112024)	1.23362 (04021524)	2.00744 (04021524)	2.45702 (04021524)	2.24581 (04021524)
4422000.0	1.32059 (04112024)	1.42167 (04021524)	2.37944 (04021524)	2.95841 (04021524)	2.20060 (04070524)
4421500.0	1.54684 (04112024)	1.81293 (04021524)	3.00203 (04021524)	2.86574 (04021524)	2.47912 (04070524)
4421000.0	1.82314 (04112024)	2.57136 (04021524)	3.45447 (04021524)	2.68169 (04021524)	1.96344 (04090624)

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 4420500.0 |      2.21235 (04112024)      3.22805 (04021524)
3.84500 (04021524)      2.31752 (04021224)      1.26388 (04090624)
 4420000.0 |      2.67506 (04112024)      4.32799 (04021324)
3.79328 (04021224)      1.75752 (04021224)      1.18303 (04053124)
 4419500.0 |      3.77615 (04092524)      6.42548 (04021324)
3.40235 (04021324)      1.45264 (04050724)      1.94612 (04012224)
 4419000.0 |      4.37459 (04021224)      7.27802 (04021324)
2.26015 (04050724)      2.44966 (04012224)      2.14694 (04012224)
 4418500.0 |      8.12835 (04021324)      3.88730 (04021324)
3.54899 (04050724)      2.92141 (04051224)      2.78508 (04051224)
 4418000.0 |      5.19870 (04041724)      5.35286 (04060124)
6.59820 (04051224)      4.63256 (04051224)      2.99688 (04051224)
 4417500.0 |      1.71495 (04060724)      5.86638 (04082924)
4.96368 (04051424)      3.68602 (04021024)      2.77842 (04021024)
 4417000.0 |      3.93678 (04051524)      3.62712 (04081224)
3.09668 (04021024)      2.76582 (04021024)      2.12448 (04021024)
 4416500.0 |      4.37331 (04060924)      6.14639 (04051524)
3.13569 (04051524)      1.55396 (04021024)      4.94754 (04022124)
 4416000.0 |      3.33997 (04062424)      3.75088 (04041624)
3.84671 (04051524)      2.15559 (04051524)      1.03129 (04101324)
 4415500.0 |      2.44941 (04071724)      3.83338 (04041624)
2.67172 (04051524)      2.73019 (04051524)      1.61858 (04051524)
 4415000.0 |      2.21235 (04090524)      3.07218 (04041624)
2.90240 (04041624)      2.09217 (04051524)      1.95117 (04051524)
 4414500.0 |      2.04574 (04090524)      2.33199 (04090924)
2.90883 (04041624)      1.84530 (04041624)      1.70910 (04112224)
 4414000.0 |      1.89826 (04090524)      1.76174 (04090924)
2.54289 (04041624)      2.15380 (04041624)      1.60542 (04112224)
 4413500.0 |      1.79808 (04090524)      1.42078 (04090924)
2.12227 (04090924)      2.18856 (04041624)      1.38461 (04041624)
 4413000.0 |      1.69024 (04090524)      3.42678 (04110824)
1.75035 (04090924)      2.00694 (04041624)      1.59081 (04041624)
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 4412500.0 | 1.59078 (04090524)   1.02854 (04070124)
1.45574 (04090924)   1.72352 (04090924)   1.60048 (04041624)
 4412000.0 | 1.51780 (04090524)   0.94086 (04071724)
1.22145 (04090924)   1.54350 (04090924)   1.49037 (04041624)
 4411500.0 | 1.47092 (04090524)   0.91449 (04090524)
1.02302 (04090924)   1.33565 (04090924)   1.39855 (04090924)
 4411000.0 | 8.14109 (04110824)   0.92342 (04090524)
0.81556 (04090924)   1.21034 (04090924)   1.30384 (04090924)
 4410500.0 | 1.60812 (04090524)   0.92386 (04090524)
0.68779c(04122724)   1.04887 (04090924)   1.22035 (04090924)
 4410000.0 | 2.56476 (04110824)   0.92911 (04090524)
0.66617c(04122724)   0.90932 (04090924)   1.12676 (04090924)

 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 2ALT-KUM ***
                                   INCLUDING SOURCE(S):   BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

                                    *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

                                         ** CONC OF NOX   IN

MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)		
	538000.00	538500.00	539000.00
539500.00	540000.00		
4425000.0	1.66447 (04021524)	1.65573c(04011224)	1.56724c(04011224)
2.25164 (04041424)	3.05701 (04021224)		
4424500.0	3.13947 (04021524)	1.66779c(04011224)	1.61136c(04011224)
2.81831 (04040624)	4.64751 (04021324)		
4424000.0	4.10758 (04022624)	1.55838c(04011224)	1.43976c(04011224)
2.60052 (04041024)	5.31195 (04021224)		
4423500.0	5.12988 (04111924)	4.49158 (04111924)	2.05468 (04061224)
1.34434c(04110124)	2.23864 (04052424)		
4423000.0	3.65045 (04111924)	3.66714 (04052824)	5.27897 (04052824)
3.23707 (04082624)	1.75830 (04042324)		
4422500.0	2.46413 (04052824)	5.29138 (04070524)	6.56807 (04070524)
6.71071 (04070824)	3.19713 (04060924)		
4422000.0	3.66066 (04070524)	4.09336 (04070524)	3.99321 (04070424)
4.74793 (04070824)	2.60537 (04060924)		
4421500.0	2.64524 (04070524)	2.32741 (04070424)	3.45032 (04070424)
2.71915 (04070824)	1.95010 (04062424)		
4421000.0	1.62819 (04070524)	2.29820 (04070924)	2.80158 (04070824)
2.17556 (04090524)	1.51467 (04062424)		
4420500.0	1.53948 (04070924)	2.44536 (04070924)	2.17468 (04070824)
1.87897 (04090524)	1.41857 (04010424)		
4420000.0	1.81740 (04101324)	2.24196 (04070924)	1.78554 (04073024)
1.70614 (04090524)	1.50492 (04010424)		
4419500.0	2.68396 (04010824)	1.97045 (04070924)	

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1.60852 (04010424)      3.28732 (04021124)      2.90458 (04032524)
 4419000.0 |       1.93333 (04101324)      2.44031 (04021124)
2.81401 (04032524)      6.04096 (04051124)      7.19745 (04022624)
 4418500.0 |       2.40581 (04051224)      2.01392 (04051224)
1.76134 (04022024)      4.70480 (04022624)      3.25797 (04022624)
 4418000.0 |       2.11403 (04051424)      1.76318 (04051424)
1.43446 (04051424)      4.43710 (04061924)      7.00636 (04061924)
 4417500.0 |       2.17811 (04021024)     15.85286 (04062024)
4.20543 (04082924)     10.24227 (04062024)     12.27726 (04022224)
 4417000.0 |       1.68057 (04021024)      6.63833 (04091024)
4.97401 (04122624)      8.61342 (04122524)      9.25317 (04022024)
 4416500.0 |       9.48442 (04082424)     10.29822 (04082924)
7.34911 (04050624)      5.49154 (04101024)      8.91054 (04110824)
 4416000.0 |       1.28778 (04060524)      7.19537 (04092024)
7.46433 (04122924)      7.80457 (04101024)      6.82312 (04050624)
 4415500.0 |       0.83704 (04042324)      0.90838 (04061024)
3.80994 (04061024)      5.00594 (04022924)      8.74334 (04092024)
 4415000.0 |       1.26643 (04051524)      0.73589 (04042324)
0.87268 (04090524)      1.32640 (04022924)      3.11393 (04060524)
 4414500.0 |       1.59481 (04112224)      1.06978 (04051524)
0.77555 (04090524)      0.81527 (04090524)      0.74732 (04090524)
 4414000.0 |       1.82842 (04112224)      1.55297 (04112224)
0.93380 (04112224)      0.74144 (04090524)      0.65688 (04090524)
 4413500.0 |       1.52358 (04112224)      1.79367 (04112224)
1.47819 (04112224)      0.90342 (04112224)      0.61659 (04090524)
 4413000.0 |       1.08878 (04112224)      1.63819 (04112224)
1.67961 (04112224)      1.35105 (04112224)      0.86312 (04112224)
 4412500.0 |       1.10339 (04041624)      1.16167 (04112224)
1.49102 (04112224)      1.54193 (04112224)      1.23598 (04112224)
 4412000.0 |       1.20546 (04041624)      0.85300 (04112224)
1.22083 (04112224)      1.48132 (04112224)      1.46837 (04112224)
 4411500.0 |       1.19699 (04041624)      0.89506 (04041624)
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0.94051 (04112224) 1.25956 (04112224) 1.43945 (04112224)
 4411000.0 | 1.18179 (04090924) 0.95221 (04090424)
0.71254 (04112224) 1.01965 (04112224) 1.28702 (04112224)
 4410500.0 | 1.17148 (04090924) 0.98436 (04090424)
0.77623 (04090424) 0.82165 (04112224) 1.08692 (04112224)
 4410000.0 | 1.14039 (04090924) 1.01756c(04121424)
0.81648 (04090424) 0.64013 (04112224) 0.87936 (04112224)
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/27/11
 ***
 *** 19:06:27

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 **MODELOPTs: RegDFAULT CONC
  ELEV

 *** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT-KUM ***
 INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

 *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD
(METERS)
  (METERS) | 540500.00 541000.00

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541500.00               542000.00               542500.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 4425000.0 |      5.37529 (04021324)      2.08219 (04021324)
2.04825 (04100824)      9.02704 (04010824)      7.35343 (04100824)
 4424500.0 |      4.57119 (04021324)      2.82816 (04050724)
5.76899c(04011224)      7.70124 (04010424)      9.84685 (04010424)
 4424000.0 |      4.63250 (04050724)      4.24896 (04093024)
5.74500 (04010424)      8.32402 (04012824)      7.87084 (04012824)
 4423500.0 |      6.67882 (04051224)      4.84153 (04051424)
4.86298 (04012824)      6.15426 (04012824)      7.53936 (04021124)
 4423000.0 |      3.33803 (04081224)      2.68827 (04021024)
3.14964 (04051124)      2.92584 (04021124)      2.26492 (04010824)
 4422500.0 |      4.31911 (04051524)      2.04577 (04010824)
1.83136 (04010824)      1.88438 (04010824)      3.71108 (04010824)
 4422000.0 |      2.94945 (04051524)      2.75536 (04051524)
1.39427 (04051524)      3.30784 (04010824)      4.01103 (04010824)
 4421500.0 |      2.31324 (04041624)      2.29988 (04051524)
2.45832 (04010824)      2.63148 (04010824)      4.95067c(04100124)
 4421000.0 |      2.15488 (04090924)      1.79872 (04041624)
3.07332c(04100124)     11.33015c(04100124)      9.21224c(04122024)
 4420500.0 |      1.87146 (04090924)      2.40726 (04021124)
12.04771c(04100124)     12.40103c(04122024)     10.26309c(04122024)
 4420000.0 |      2.83007 (04021124)      8.17547 (04021124)
15.87492c(04100124)     12.09748c(04122024)     13.83455c(04122024)
 4419500.0 |      4.79686 (04051124)      8.69557 (04040524)
18.52808c(04100124)     15.58050c(04100124)     13.35750c(04100124)
 4419000.0 |      9.18644 (04022624)      8.26650 (04022624)
9.21449c(04100124)      9.76593c(04122024)      7.91466c(04122024)
 4418500.0 |      3.15407c(04100124)      4.51522c(04100124)
7.27382c(04100124)      9.13353 (04052524)      5.30713c(04122024)
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 4418000.0 |      6.89547 (04061924)      6.79448 (04122524)
6.45618 (04101724)      5.94853 (04120524)      5.20076c(04122024)
 4417500.0 |      9.45419 (04022024)      8.67784 (04022024)
7.94672 (04120524)      7.41841 (04120524)      6.88719 (04022024)
 4417000.0 |      8.71153 (04022024)      7.91468 (04120524)
7.73792 (04050924)      7.41432 (04120524)      6.95772 (04050924)
 4416500.0 |      4.66681 (04022024)      5.25846 (04022024)
5.16528 (04022024)      5.07820 (04050924)      5.10608 (04050924)
 4416000.0 |      5.44437 (04101024)      4.28340 (04082924)
3.11514 (04101024)      2.06018 (04101024)      4.81690 (04100924)
 4415500.0 |      6.46829 (04092024)      6.12545 (04082924)
7.26351 (04082924)      4.93622 (04050624)      5.43813 (04100924)
 4415000.0 |      4.31800 (04092024)      5.24521 (04092024)
8.34947 (04092024)      5.08446 (04122924)      4.89392 (04050624)
 4414500.0 |      0.57917 (04022124)      1.48754 (04060524)
2.90056 (04022924)      3.30533 (04061024)      3.96811 (04092024)
 4414000.0 |      0.48224 (04090524)      0.51031 (04122924)
1.04853 (04060524)      2.65892 (04022924)      3.34578 (04060524)
 4413500.0 |      0.47245 (04090524)      0.40796 (04122924)
0.46253 (04090924)      0.59940 (04090924)      0.97841 (04060524)
 4413000.0 |      0.53953 (04040324)      0.40558 (04040324)
0.40300 (04090924)      0.51757 (04090924)      0.61891 (04090924)
 4412500.0 |      0.87940 (04112224)      0.50859 (04021424)
0.40989 (04021424)      0.44977 (04090924)      0.54482 (04090924)
 4412000.0 |      1.22730 (04112224)      0.84790 (04112224)
0.53896 (04112224)      0.44308 (04021424)      0.48688 (04090924)
 4411500.0 |      1.46164 (04112224)      1.21263 (04112224)
0.82749 (04112224)      0.54438 (04112224)      0.46527 (04021424)
 4411000.0 |      1.40811 (04112224)      1.32427 (04112224)
1.09367 (04112224)      0.81621 (04112224)      0.56821 (04112224)
 4410500.0 |      1.28865 (04112224)      1.35439 (04112224)
1.27173 (04112224)      1.06040 (04112224)      0.80813 (04112224)
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 4410000.0 | 1.12637 (04112224)   1.27994 (04112224)
1.33112 (04112224)   1.21991 (04112224)   1.02316 (04112224)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/27/11
                                  ***
                                  ***   19:06:27

                                             PAGE 27
 **MODELOPTs: RegDFAULT CONC
  ELEV

                               *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 2ALT-KUM ***
                                  INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   , ON.ISIT., CALIK1   , CALIK2   , CALIK3   ,

                                  *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD
(METERS)
  (METERS) | 543000.00
 -
- -

 4425000.0 | 10.58639 (04010424)
 4424500.0 | 10.57007 (04012824)

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4424000.0 |      6.31798 (04021124)
4423500.0 |      3.64617 (04021124)
4423000.0 |      5.20462 (04010824)
4422500.0 |      1.16895 (04010524)
4422000.0 |      6.70808c(04122024)
4421500.0 |      8.27621c(04122024)
4421000.0 |      5.58001c(04122024)
4420500.0 |      9.57447c(04122024)
4420000.0 |     12.27538c(04122024)
4419500.0 |     11.84499c(04100124)
4419000.0 |      6.86976c(04072824)
4418500.0 |      4.50854c(04072824)
4418000.0 |      4.95058c(04122024)
4417500.0 |      6.84764 (04022024)
4417000.0 |      6.80483 (04022024)
4416500.0 |      5.23698 (04022024)
4416000.0 |      5.55592 (04052524)
4415500.0 |      3.69198 (04052424)
4415000.0 |      4.70648 (04050624)
4414500.0 |      4.43321 (04050624)
4414000.0 |      3.75133 (04092024)
4413500.0 |      2.30637 (04060524)
4413000.0 |      0.68246 (04090924)
4412500.0 |      0.60046 (04090924)
4412000.0 |      0.54212 (04090924)
4411500.0 |      0.49314 (04090924)
4411000.0 |      0.47772 (04021424)
4410500.0 |      0.59710 (04112224)
4410000.0 |      0.82087 (04112224)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
537268.00	4419321.00	2.04866	(04012224)
533288.00	4420664.00	1.36051c	(04011224)
530873.00	4418253.00	1.61645	(04012624)
532253.00	4419045.00	1.17876c	(04011224)
534268.00	4421987.00	1.12851c	(04011224)
536366.00	4419557.00	4.52456	(04021324)
534987.00	4418091.00	3.90652	(04041024)
530614.00	4415312.00	2.00312c	(04122724)
538946.00	4413223.00	1.65165	(04112224)

541693.00   4411996.00   0.49175 (04021424)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/27/11
                                  ***
                                  ***   19:06:27

 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 2ALT-KUM ***
                                   INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   , ON.ISIT., CALIK1   , CALIK2   , CALIK3   ,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE
 -
- -
    1.   112.24266 (04110624) AT (534000.00, 4417500.00) GC
41.   41.62100 (04042024) AT (534000.00, 4417500.00) GC
    2.   78.98216 (04112924) AT (534000.00, 4417500.00) GC
42.   41.43750 (04121324) AT (534000.00, 4417500.00) GC
    3.   73.50918 (04092724) AT (533500.00, 4416000.00) GC
43.   41.35551c(04020224) AT (533500.00, 4417500.00) GC
    4.   71.58853 (04021724) AT (534000.00, 4417500.00) GC
44.   40.80549 (04012624) AT (532500.00, 4417500.00) GC

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    5.      63.68280 (04111324) AT ( 533500.00, 4416000.00)  GC
45.       40.78263 (04122224) AT ( 533000.00, 4416500.00)  GC
    6.      61.41862 (04012624) AT ( 533500.00, 4417500.00)  GC
46.       40.48821 (04041324) AT ( 533500.00, 4417000.00)  GC
    7.      59.86621 (04091324) AT ( 533500.00, 4416000.00)  GC
47.       40.32614 (04111424) AT ( 533500.00, 4416000.00)  GC
    8.      58.62116 (04091624) AT ( 533500.00, 4416000.00)  GC
48.       39.77304 (04103024) AT ( 533500.00, 4416000.00)  GC
    9.      56.93222 (04102924) AT ( 533500.00, 4416000.00)  GC
49.       39.66799 (04080324) AT ( 534000.00, 4417500.00)  GC
   10.      56.67096 (04012624) AT ( 534000.00, 4417500.00)  GC
50.       39.32231 (04092924) AT ( 534500.00, 4417000.00)  GC
   11.      56.40750 (04012524) AT ( 534000.00, 4417500.00)  GC
51.       39.02877 (04111324) AT ( 533000.00, 4415500.00)  GC
   12.      55.85826 (04021624) AT ( 534000.00, 4417500.00)  GC
52.       38.85038 (04021624) AT ( 533500.00, 4417500.00)  GC
   13.      55.38970 (04092924) AT ( 533500.00, 4416000.00)  GC
53.       37.81622 (04112924) AT ( 533500.00, 4417500.00)  GC
   14.      54.76151 (04012624) AT ( 533000.00, 4417500.00)  GC
54.       37.71860 (04102224) AT ( 533500.00, 4416000.00)  GC
   15.      53.83714c(04110124) AT ( 533500.00, 4416000.00)  GC
55.       37.65292 (04092924) AT ( 531500.00, 4414500.00)  GC
   16.      53.78850 (04092024) AT ( 533500.00, 4416000.00)  GC
56.       37.60362 (04111224) AT ( 533500.00, 4416000.00)  GC
   17.      53.77791 (04102524) AT ( 533500.00, 4416000.00)  GC
57.       37.38754c(04010324) AT ( 534000.00, 4417500.00)  GC
   18.      53.28662 (04110624) AT ( 533500.00, 4417500.00)  GC
58.       37.15510 (04110624) AT ( 532500.00, 4417500.00)  GC
   19.      51.74018 (04121224) AT ( 534000.00, 4417500.00)  GC
59.       36.54904 (04020424) AT ( 533500.00, 4417000.00)  GC
   20.      48.67901 (04083124) AT ( 533500.00, 4416000.00)  GC
60.       36.51834 (04030824) AT ( 531500.00, 4416000.00)  GC
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   21.      48.56678 (04102424) AT ( 533500.00, 4416000.00)  GC
61.      36.50898c(04110124) AT ( 531500.00, 4414500.00)  GC
   22.      48.08588c(04020224) AT ( 534000.00, 4417500.00)  GC
62.      36.28042 (04121224) AT ( 533500.00, 4417500.00)  GC
   23.      47.10003 (04110624) AT ( 532000.00, 4417500.00)  GC
63.      36.02953 (04020424) AT ( 531500.00, 4416000.00)  GC
   24.      46.78769 (04091424) AT ( 533500.00, 4416000.00)  GC
64.      35.97999 (04030224) AT ( 533000.00, 4417000.00)  GC
   25.      46.72942 (04123124) AT ( 533500.00, 4417000.00)  GC
65.      35.61260 (04083024) AT ( 533500.00, 4416000.00)  GC
   26.      46.69410 (04090824) AT ( 533500.00, 4416000.00)  GC
66.      35.41800 (04110724) AT ( 533500.00, 4416000.00)  GC
   27.      46.30743 (04012524) AT ( 533500.00, 4417500.00)  GC
67.      35.26552 (04090924) AT ( 533500.00, 4416000.00)  GC
   28.      46.14395 (04030224) AT ( 533500.00, 4417000.00)  GC
68.      35.18324 (04041124) AT ( 534000.00, 4417500.00)  GC
   29.      45.49599 (04110224) AT ( 533500.00, 4416000.00)  GC
69.      35.17045 (04122224) AT ( 532500.00, 4416500.00)  GC
   30.      45.10410 (04111324) AT ( 531500.00, 4414500.00)  GC
70.      34.94085 (04122224) AT ( 533500.00, 4417000.00)  GC
   31.      45.03838 (04092124) AT ( 533500.00, 4416000.00)  GC
71.      34.93471 (04011024) AT ( 533500.00, 4417000.00)  GC
   32.      44.19750 (04092624) AT ( 533500.00, 4416000.00)  GC
72.      34.91320c(04010324) AT ( 533500.00, 4417500.00)  GC
   33.      43.59855 (04020524) AT ( 534000.00, 4417500.00)  GC
73.      34.84235 (04031124) AT ( 533000.00, 4415500.00)  GC
   34.      43.36820 (04030224) AT ( 534000.00, 4417500.00)  GC
74.      34.79164 (04110524) AT ( 534000.00, 4417500.00)  GC
   35.      43.33269 (04042024) AT ( 533500.00, 4417500.00)  GC
75.      34.61198 (04031224) AT ( 533000.00, 4415500.00)  GC
   36.      42.78477 (04052224) AT ( 533500.00, 4416000.00)  GC
76.      34.61035 (04100224) AT ( 533500.00, 4416000.00)  GC
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37. 42.43137 (04021724) AT (533500.00, 4417500.00) GC
77. 34.55959 (04092724) AT (531500.00, 4414000.00) GC
38. 42.28169 (04101524) AT (533500.00, 4416000.00) GC
78. 34.51548 (04082124) AT (533500.00, 4417000.00) GC
39. 41.99935 (04042024) AT (533000.00, 4417500.00) GC
79. 34.49985 (04102024) AT (533500.00, 4417000.00) GC
40. 41.99117 (04061324) AT (533500.00, 4416000.00) GC
80. 34.21826 (04110624) AT (533500.00, 4416000.00) GC

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
*** 19:06:27

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
81.	34.10746	(04012424)	AT	(534000.00, 4417500.00)	GC						

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121.      30.10782 (04102424) AT ( 531500.00, 4414500.00)  GC
   82.      34.07207 (04030224) AT ( 532500.00, 4416500.00)  GC
122.      30.09138 (04021724) AT ( 532000.00, 4417500.00)  GC
   83.      33.85983 (04103124) AT ( 533500.00, 4416000.00)  GC
123.      30.05798 (04092924) AT ( 534000.00, 4416500.00)  GC
   84.      33.72566c(04042524) AT ( 533500.00, 4416000.00)  GC
124.      30.04356 (04123024) AT ( 533500.00, 4416000.00)  GC
   85.      33.26800 (04030224) AT ( 533000.00, 4416500.00)  GC
125.      29.91075 (04123124) AT ( 533000.00, 4416500.00)  GC
   86.      33.18567 (04072924) AT ( 534000.00, 4417500.00)  GC
126.      29.89496 (04121324) AT ( 533500.00, 4417500.00)  GC
   87.      32.78583 (04032124) AT ( 534000.00, 4417500.00)  GC
127.      29.75633 (04060724) AT ( 533500.00, 4416000.00)  GC
   88.      32.76535 (04090224) AT ( 533500.00, 4416000.00)  GC
128.      29.52487 (04042024) AT ( 532500.00, 4417500.00)  GC
   89.      32.60388 (04102424) AT ( 533000.00, 4415500.00)  GC
129.      29.30748 (04030124) AT ( 531500.00, 4416000.00)  GC
   90.      32.50074 (04092724) AT ( 531500.00, 4414500.00)  GC
130.      29.22465 (04122224) AT ( 532000.00, 4416000.00)  GC
   91.      32.46551 (04102924) AT ( 531500.00, 4414000.00)  GC
131.      29.15387 (04123124) AT ( 532500.00, 4416500.00)  GC
   92.      32.38048c(04121924) AT ( 533000.00, 4416500.00)  GC
132.      29.14661 (04111324) AT ( 532000.00, 4415000.00)  GC
   93.      32.24025 (04072724) AT ( 533500.00, 4416000.00)  GC
133.      29.11591 (04030924) AT ( 533500.00, 4417000.00)  GC
   94.      31.98815 (04071324) AT ( 533500.00, 4417000.00)  GC
134.      28.97111 (04092924) AT ( 533000.00, 4416000.00)  GC
   95.      31.97063 (04102524) AT ( 531500.00, 4414000.00)  GC
135.      28.91155 (04101624) AT ( 533500.00, 4416000.00)  GC
   96.      31.74789 (04101224) AT ( 534000.00, 4417500.00)  GC
136.      28.85353 (04030224) AT ( 533500.00, 4417500.00)  GC
   97.      31.69095 (04092824) AT ( 531500.00, 4416000.00)  GC
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137.      28.83467 (04092224) AT ( 533000.00, 4415500.00)  GC
   98.      31.68583 (04101724) AT ( 533500.00, 4416000.00)  GC
138.      28.79812 (04021724) AT ( 532500.00, 4417500.00)  GC
   99.      31.57226 (04012524) AT ( 532500.00, 4417500.00)  GC
139.      28.78658c(04042524) AT ( 531500.00, 4414000.00)  GC
  100.      31.54285 (04041224) AT ( 533500.00, 4416000.00)  GC
140.      28.76598 (04092124) AT ( 534500.00, 4417000.00)  GC
  101.      31.48248 (04011924) AT ( 533500.00, 4417500.00)  GC
141.      28.72031 (04123124) AT ( 533500.00, 4413500.00)  GC
  102.      31.19166 (04123124) AT ( 532000.00, 4416500.00)  GC
142.      28.54952 (04102124) AT ( 533000.00, 4415500.00)  GC
  103.      31.14391 (04103124) AT ( 533500.00, 4417000.00)  GC
143.      28.51729 (04030324) AT ( 531500.00, 4416000.00)  GC
  104.      31.11736 (04082224) AT ( 533000.00, 4417500.00)  GC
144.      28.19232 (04082224) AT ( 533500.00, 4417500.00)  GC
  105.      30.93807 (04091924) AT ( 533500.00, 4416000.00)  GC
145.      28.05120 (04042724) AT ( 534000.00, 4417500.00)  GC
  106.      30.93174 (04101524) AT ( 531500.00, 4414500.00)  GC
146.      27.99499 (04091624) AT ( 531500.00, 4414500.00)  GC
  107.      30.89525 (04102324) AT ( 533500.00, 4416000.00)  GC
147.      27.95916 (04090124) AT ( 531500.00, 4416000.00)  GC
  108.      30.83646 (04071124) AT ( 534000.00, 4417500.00)  GC
148.      27.94909 (04101524) AT ( 533000.00, 4416000.00)  GC
  109.      30.72478 (04111324) AT ( 533000.00, 4416000.00)  GC
149.      27.93566 (04092024) AT ( 531500.00, 4414500.00)  GC
  110.      30.70069 (04011924) AT ( 534000.00, 4417500.00)  GC
150.      27.93485 (04021824) AT ( 533000.00, 4416500.00)  GC
  111.      30.69659 (04031124) AT ( 532500.00, 4415000.00)  GC
151.      27.93288 (04021824) AT ( 533500.00, 4417000.00)  GC
  112.      30.68292 (04102724) AT ( 533500.00, 4417000.00)  GC
152.      27.87637 (04082824) AT ( 533500.00, 4416000.00)  GC
  113.      30.65535 (04042624) AT ( 533500.00, 4416000.00)  GC
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153. 27.81436 (04032324) AT (533500.00, 4416000.00) GC
114. 30.59208c(04102624) AT (531500.00, 4416000.00) GC
154. 27.79541 (04060924) AT (534000.00, 4417500.00) GC
115. 30.53143 (04080424) AT (533500.00, 4416000.00) GC
155. 27.67416 (04012624) AT (532000.00, 4417500.00) GC
116. 30.52685 (04112324) AT (534000.00, 4417500.00) GC
156. 27.56169c(04020224) AT (532500.00, 4417500.00) GC
117. 30.51785 (04112924) AT (532000.00, 4417500.00) GC
157. 27.44684 (04092024) AT (531500.00, 4414000.00) GC
118. 30.30812 (04071224) AT (533500.00, 4416000.00) GC
158. 27.42217 (04041324) AT (532000.00, 4416500.00) GC
119. 30.17297 (04121624) AT (533500.00, 4416000.00) GC
159. 27.40367 (04102424) AT (531500.00, 4414000.00) GC
120. 30.14863c(04110124) AT (533000.00, 4415500.00) GC
160. 27.38563c(04122424) AT (531500.00, 4416000.00) GC

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

** CONC OF NOX IN

MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK
161.	27.34924	(04110924)	AT	(533500.00, 4417000.00)	GC	
201.	25.48277	(04011824)	AT	(533000.00, 4423500.00)	GC	
162.	27.34809c	(04121924)	AT	(532500.00, 4416500.00)	GC	
202.	25.37861	(04012424)	AT	(533000.00, 4418500.00)	GC	
163.	27.34618	(04101624)	AT	(533000.00, 4415500.00)	GC	
203.	25.32882	(04102224)	AT	(533000.00, 4416000.00)	GC	
164.	27.19183	(04030224)	AT	(532000.00, 4416500.00)	GC	
204.	25.31402	(04110524)	AT	(533500.00, 4416000.00)	GC	
165.	27.16434	(04020424)	AT	(533000.00, 4416500.00)	GC	
205.	25.28654	(04092724)	AT	(534000.00, 4416500.00)	GC	
166.	27.16092	(04102324)	AT	(534500.00, 4417000.00)	GC	
206.	25.27190	(04020524)	AT	(533500.00, 4417500.00)	GC	
167.	27.12317	(04111324)	AT	(531500.00, 4414000.00)	GC	
207.	25.26299	(04091624)	AT	(531500.00, 4414000.00)	GC	
168.	27.08930c	(04121924)	AT	(533500.00, 4417000.00)	GC	
208.	25.23768	(04101524)	AT	(533000.00, 4415500.00)	GC	
169.	26.99353	(04062524)	AT	(534000.00, 4417500.00)	GC	
209.	25.11494	(04031224)	AT	(532000.00, 4414500.00)	GC	
170.	26.94732c	(04031924)	AT	(533000.00, 4417500.00)	GC	
210.	25.04302	(04122824)	AT	(533000.00, 4416500.00)	GC	
171.	26.94300	(04121024)	AT	(533000.00, 4415500.00)	GC	
211.	25.03340	(04083124)	AT	(531500.00, 4414500.00)	GC	
172.	26.78880	(04020424)	AT	(532000.00, 4416000.00)	GC	
212.	24.96661	(04102324)	AT	(531500.00, 4414500.00)	GC	
173.	26.74823	(04122924)	AT	(533500.00, 4417000.00)	GC	
213.	24.95145	(04052224)	AT	(534000.00, 4416500.00)	GC	

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  174.      26.70131 (04102124) AT ( 533000.00, 4416000.00)  GC
214.      24.89450 (04031124) AT ( 532500.00, 4415500.00)  GC
  175.      26.59213c(04020224) AT ( 533000.00, 4417500.00)  GC
215.      24.89346 (04100324) AT ( 533000.00, 4416500.00)  GC
  176.      26.56835 (04052324) AT ( 533500.00, 4416000.00)  GC
216.      24.86272 (04111124) AT ( 533000.00, 4410000.00)  GC
  177.      26.53822 (04112824) AT ( 534000.00, 4417500.00)  GC
217.      24.82495 (04061224) AT ( 533500.00, 4416000.00)  GC
  178.      26.53693 (04012524) AT ( 532000.00, 4417500.00)  GC
218.      24.81949 (04110924) AT ( 533500.00, 4416000.00)  GC
  179.      26.46091 (04092824) AT ( 534000.00, 4417500.00)  GC
219.      24.81641 (04121024) AT ( 532500.00, 4415500.00)  GC
  180.      26.46014 (04091324) AT ( 534000.00, 4416500.00)  GC
220.      24.81246 (04080324) AT ( 533500.00, 4417500.00)  GC
  181.      26.40047 (04020424) AT ( 532500.00, 4416500.00)  GC
221.      24.79135 (04102524) AT ( 533000.00, 4415500.00)  GC
  182.      26.36861 (04112924) AT ( 534500.00, 4417500.00)  GC
222.      24.77508 (04061124) AT ( 533500.00, 4416000.00)  GC
  183.      26.28821 (04030724) AT ( 533500.00, 4416000.00)  GC
223.      24.73594 (04110624) AT ( 534500.00, 4417500.00)  GC
  184.      26.28728 (04031124) AT ( 532000.00, 4414500.00)  GC
224.      24.71784 (04121024) AT ( 533000.00, 4416000.00)  GC
  185.      26.28530 (04011824) AT ( 534000.00, 4417500.00)  GC
225.      24.71489 (04082224) AT ( 533500.00, 4416000.00)  GC
  186.      26.23846 (04122224) AT ( 533000.00, 4417000.00)  GC
226.      24.54596 (04103124) AT ( 533000.00, 4416500.00)  GC
  187.      26.14420 (04122824) AT ( 533500.00, 4417000.00)  GC
227.      24.54344 (04102424) AT ( 533000.00, 4416000.00)  GC
  188.      26.14285 (04092924) AT ( 533000.00, 4415500.00)  GC
228.      24.50541 (04110424) AT ( 533500.00, 4416000.00)  GC
  189.      26.12017 (04031224) AT ( 532500.00, 4415000.00)  GC
229.      24.47883 (04062924) AT ( 534000.00, 4417000.00)  GC
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  190.      26.11288 (04021624) AT ( 532500.00, 4417500.00)  GC
230.      24.46134 (04121224) AT ( 532500.00, 4417500.00)  GC
  191.      25.92040 (04121824) AT ( 533500.00, 4416000.00)  GC
231.      24.45541 (04110224) AT ( 531500.00, 4414000.00)  GC
  192.      25.87629 (04102524) AT ( 531500.00, 4414500.00)  GC
232.      24.43520 (04102824) AT ( 533500.00, 4416000.00)  GC
  193.      25.82728 (04011124) AT ( 533500.00, 4417000.00)  GC
233.      24.42911 (04121024) AT ( 533500.00, 4416000.00)  GC
  194.      25.80039 (04072124) AT ( 534000.00, 4417500.00)  GC
234.      24.42831 (04122824) AT ( 534000.00, 4417500.00)  GC
  195.      25.76505 (04012524) AT ( 533000.00, 4417500.00)  GC
235.      24.38781 (04101424) AT ( 533500.00, 4416000.00)  GC
  196.      25.71853c(04122724) AT ( 533000.00, 4415500.00)  GC
236.      24.35194 (04043024) AT ( 533500.00, 4416000.00)  GC
  197.      25.68621 (04011024) AT ( 532000.00, 4416500.00)  GC
237.      24.28806 (04021624) AT ( 532000.00, 4417500.00)  GC
  198.      25.58083 (04112924) AT ( 532500.00, 4417500.00)  GC
238.      24.19443 (04040924) AT ( 533500.00, 4416000.00)  GC
  199.      25.49769 (04121024) AT ( 532000.00, 4415000.00)  GC
239.      24.18210 (04102124) AT ( 533500.00, 4416000.00)  GC
  200.      25.48747 (04103124) AT ( 532500.00, 4416500.00)  GC
240.      24.09663 (04091324) AT ( 531500.00, 4414500.00)  GC
 *** AERMOD - VERSION 09292 ***     ***  NO TITLE SPECIFIED
                                    ***         10/27/11
                                   ***
                                   ***         19:06:27

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 **MODELOPTs:  RegDFAULT CONC
  ELEV
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*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
241.	24.09625	(04011524)	AT	(533000.00, 4418500.00)	GC	281.	23.13638	(04030924)	AT	(532500.00, 4416500.00)	GC
242.	24.06537	(04120824)	AT	(533500.00, 4417000.00)	GC	282.	23.09852	(04091924)	AT	(534000.00, 4417500.00)	GC
243.	24.05443	(04082324)	AT	(533500.00, 4416000.00)	GC	283.	23.07099	(04020424)	AT	(533000.00, 4417000.00)	GC
244.	24.04812c	(04010324)	AT	(532500.00, 4417500.00)	GC	284.	23.07029	(04031124)	AT	(533500.00, 4416000.00)	GC
245.	24.00445	(04082624)	AT	(533500.00, 4416000.00)	GC	285.	23.06225c	(04121924)	AT	(532500.00, 4416000.00)	GC
246.	23.97764	(04122224)	AT	(532500.00, 4416000.00)	GC	286.	22.96353	(04052224)	AT	(534500.00, 4417000.00)	GC
247.	23.97413	(04020424)	AT	(533500.00, 4416500.00)	GC	287.	22.92810	(04122224)	AT	(532000.00, 4416500.00)	GC
248.	23.93340	(04030924)	AT	(533000.00, 4416500.00)	GC	288.	22.92195	(04040724)	AT	(531500.00, 4416000.00)	GC
249.	23.89312	(04102024)	AT	(532000.00, 4416500.00)	GC	289.	22.91138	(04102124)	AT	(532500.00, 4415000.00)	GC
250.	23.84671	(04110524)	AT	(531500.00, 4416000.00)	GC						

290. 22.90424 (04092224) AT (532500.00, 4415000.00) GC
251. 23.82713 (04081424) AT (533500.00, 4416000.00) GC
291. 22.89648 (04041324) AT (531500.00, 4416500.00) GC
252. 23.80639 (04093024) AT (533500.00, 4416000.00) GC
292. 22.86275 (04121224) AT (533000.00, 4417500.00) GC
253. 23.77832 (04020424) AT (532000.00, 4416500.00) GC
293. 22.86170 (04102124) AT (532000.00, 4415000.00) GC
254. 23.76067 (04092724) AT (531000.00, 4413500.00) GC
294. 22.84753 (04082524) AT (533500.00, 4416000.00) GC
255. 23.75606 (04091124) AT (533500.00, 4416000.00) GC
295. 22.83474 (04101524) AT (534500.00, 4417000.00) GC
256. 23.73178c(04042524) AT (533000.00, 4415500.00) GC
296. 22.77849c(04110124) AT (533000.00, 4416000.00) GC
257. 23.67510 (04110224) AT (531500.00, 4414500.00) GC
297. 22.77755 (04030924) AT (531500.00, 4416000.00) GC
258. 23.67437 (04042924) AT (533500.00, 4416000.00) GC
298. 22.72490 (04031224) AT (532500.00, 4415500.00) GC
259. 23.67213 (04092124) AT (534000.00, 4416500.00) GC
299. 22.67304 (04071324) AT (533000.00, 4416500.00) GC
260. 23.66987 (04061524) AT (531500.00, 4416000.00) GC
300. 22.66985 (04011724) AT (531500.00, 4416000.00) GC
261. 23.62665 (04121624) AT (533000.00, 4415500.00) GC
301. 22.66699 (04111324) AT (528000.00, 4411500.00) GC
262. 23.58997 (04102124) AT (532500.00, 4415500.00) GC
302. 22.65954 (04122824) AT (533000.00, 4417000.00) GC
263. 23.57755 (04122224) AT (533500.00, 4416500.00) GC
303. 22.65860 (04041024) AT (531500.00, 4416000.00) GC
264. 23.55721 (04041224) AT (531500.00, 4414500.00) GC
304. 22.63859 (04102424) AT (532000.00, 4415000.00) GC
265. 23.49198 (04092124) AT (531500.00, 4414500.00) GC
305. 22.62134 (04030224) AT (532500.00, 4417000.00) GC
266. 23.48933 (04121624) AT (531500.00, 4416000.00) GC

306. 22.59203 (04092724) AT (533000.00, 4415500.00) GC
267. 23.48238 (04101924) AT (533500.00, 4416000.00) GC
307. 22.58592 (04092924) AT (529000.00, 4413000.00) GC
268. 23.45093 (04121624) AT (534000.00, 4417000.00) GC
308. 22.52026 (04020124) AT (534000.00, 4417500.00) GC
269. 23.43127 (04123124) AT (533000.00, 4417000.00) GC
309. 22.47358 (04082124) AT (532500.00, 4416500.00) GC
270. 23.42264 (04102724) AT (531500.00, 4416000.00) GC
310. 22.45341 (04091424) AT (533000.00, 4415500.00) GC
271. 23.40944 (04092424) AT (533500.00, 4416000.00) GC
311. 22.44026 (04122824) AT (532500.00, 4416500.00) GC
272. 23.38982 (04021824) AT (532500.00, 4416500.00) GC
312. 22.40165 (04092224) AT (533000.00, 4416000.00) GC
273. 23.32820 (04102224) AT (531500.00, 4414500.00) GC
313. 22.31305 (04030924) AT (533000.00, 4415500.00) GC
274. 23.29850 (04083124) AT (531500.00, 4414000.00) GC
314. 22.29473 (04121224) AT (532000.00, 4417500.00) GC
275. 23.25169 (04111424) AT (531500.00, 4414500.00) GC
315. 22.27154 (04040424) AT (534000.00, 4417500.00) GC
276. 23.21958 (04091324) AT (531500.00, 4414000.00) GC
316. 22.25807 (04120124) AT (534000.00, 4417500.00) GC
277. 23.20617 (04072424) AT (533500.00, 4416000.00) GC
317. 22.21587 (04103024) AT (531500.00, 4414000.00) GC
278. 23.19986 (04092924) AT (531500.00, 4415000.00) GC
318. 22.21079 (04071324) AT (532500.00, 4416500.00) GC
279. 23.14753 (04111324) AT (534000.00, 4416500.00) GC
319. 22.03299c(04020224) AT (532000.00, 4417500.00) GC
280. 23.14038 (04122824) AT (533500.00, 4417500.00) GC
320. 22.00115 (04102024) AT (531500.00, 4416000.00) GC

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
321.	21.95446	(04031124)	AT (532000.00, 4415000.00) GC	361.	20.98910	(04092224)	AT (532000.00, 4414500.00) GC
322.	21.90683	(04102424)	AT (533500.00, 4416500.00) GC	362.	20.98454	(04021624)	AT (533000.00, 4417500.00) GC
323.	21.88238	(04083024)	AT (531500.00, 4414500.00) GC	363.	20.98003	(04102724)	AT (532000.00, 4416500.00) GC
324.	21.87948c	(04031924)	AT (533500.00, 4417500.00) GC	364.	20.95588	(04072524)	AT (533500.00, 4416000.00) GC
325.	21.84310	(04013124)	AT (532500.00, 4415500.00) GC	365.	20.93496	(04100324)	AT (532500.00, 4416500.00) GC
326.	21.80733	(04092224)	AT (532000.00, 4415000.00) GC	366.	20.88418	(04111324)	AT (534500.00, 4417000.00) GC

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  327.      21.78009 (04092824) AT ( 534000.00, 4417000.00)  GC
367.      20.88294 (04013124) AT ( 533000.00, 4415500.00)  GC
  328.      21.77745 (04103124) AT ( 533000.00, 4417000.00)  GC
368.      20.83113 (04042024) AT ( 532000.00, 4417500.00)  GC
  329.      21.76165 (04101524) AT ( 534000.00, 4416500.00)  GC
369.      20.82729 (04123124) AT ( 531500.00, 4416500.00)  GC
  330.      21.64718 (04110524) AT ( 533500.00, 4417000.00)  GC
370.      20.81982 (04103024) AT ( 531500.00, 4416000.00)  GC
  331.      21.64086c(04010324) AT ( 533000.00, 4417500.00)  GC
371.      20.78798 (04080224) AT ( 533500.00, 4416000.00)  GC
  332.      21.63532 (04110524) AT ( 533500.00, 4417500.00)  GC
372.      20.77429 (04080824) AT ( 533500.00, 4416000.00)  GC
  333.      21.61598 (04082124) AT ( 533000.00, 4416500.00)  GC
373.      20.71915 (04121324) AT ( 533000.00, 4417500.00)  GC
  334.      21.53851 (04030624) AT ( 534000.00, 4417500.00)  GC
374.      20.68928 (04121024) AT ( 531500.00, 4414500.00)  GC
  335.      21.48580c(04121924) AT ( 533000.00, 4417000.00)  GC
375.      20.68392 (04121024) AT ( 532500.00, 4415000.00)  GC
  336.      21.47483 (04103124) AT ( 531500.00, 4416000.00)  GC
376.      20.66742 (04111024) AT ( 533000.00, 4410000.00)  GC
  337.      21.45848c(04110124) AT ( 534000.00, 4416500.00)  GC
377.      20.65691 (04030824) AT ( 533500.00, 4416000.00)  GC
  338.      21.44335 (04031624) AT ( 531500.00, 4416000.00)  GC
378.      20.62989 (04102924) AT ( 531500.00, 4414500.00)  GC
  339.      21.44329 (04082724) AT ( 533500.00, 4413500.00)  GC
379.      20.62704 (04102424) AT ( 532500.00, 4415500.00)  GC
  340.      21.38902 (04041224) AT ( 533000.00, 4415500.00)  GC
380.      20.60224 (04123024) AT ( 533000.00, 4415500.00)  GC
  341.      21.33814 (04020424) AT ( 528500.00, 4414500.00)  GC
381.      20.59292 (04091424) AT ( 534000.00, 4416500.00)  GC
  342.      21.32007 (04032324) AT ( 534000.00, 4417500.00)  GC
382.      20.51827 (04102324) AT ( 533000.00, 4416000.00)  GC
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  343.      21.30795 (04082124) AT ( 532000.00, 4416500.00)  GC
383.      20.51537 (04101424) AT ( 533000.00, 4416000.00)  GC
  344.      21.28520 (04051824) AT ( 533500.00, 4416000.00)  GC
384.      20.50456c(04110124) AT ( 531500.00, 4414000.00)  GC
  345.      21.27486 (04111224) AT ( 531500.00, 4414500.00)  GC
385.      20.46672 (04121624) AT ( 531500.00, 4414000.00)  GC
  346.      21.26693c(04110124) AT ( 534500.00, 4417000.00)  GC
386.      20.41229 (04102124) AT ( 532000.00, 4414500.00)  GC
  347.      21.21917 (04092224) AT ( 532500.00, 4415500.00)  GC
387.      20.40479 (04060524) AT ( 531500.00, 4416000.00)  GC
  348.      21.21736 (04082224) AT ( 534000.00, 4417500.00)  GC
388.      20.40125 (04101924) AT ( 533000.00, 4415500.00)  GC
  349.      21.21594 (04092624) AT ( 531500.00, 4414500.00)  GC
389.      20.37268 (04103124) AT ( 532000.00, 4416000.00)  GC
  350.      21.16227 (04041724) AT ( 533500.00, 4416000.00)  GC
390.      20.36944 (04011024) AT ( 533500.00, 4416000.00)  GC
  351.      21.11945 (04111324) AT ( 532000.00, 4414500.00)  GC
391.      20.35323c(04052124) AT ( 533000.00, 4415500.00)  GC
  352.      21.09104 (04021824) AT ( 532500.00, 4416000.00)  GC
392.      20.33595 (04102924) AT ( 533000.00, 4415500.00)  GC
  353.      21.08686 (04011924) AT ( 532500.00, 4417500.00)  GC
393.      20.33463 (04121724) AT ( 531500.00, 4416000.00)  GC
  354.      21.05794 (04091424) AT ( 531500.00, 4414500.00)  GC
394.      20.32977 (04011024) AT ( 532500.00, 4416500.00)  GC
  355.      21.04891 (04100324) AT ( 533500.00, 4417000.00)  GC
395.      20.29229 (04121324) AT ( 532500.00, 4417500.00)  GC
  356.      21.04214 (04031524) AT ( 533500.00, 4416000.00)  GC
396.      20.26766 (04030224) AT ( 532000.00, 4416000.00)  GC
  357.      21.03369 (04021824) AT ( 533500.00, 4416500.00)  GC
397.      20.25503 (04051924) AT ( 533000.00, 4415500.00)  GC
  358.      21.03199 (04101524) AT ( 532000.00, 4415000.00)  GC
398.      20.23783 (04111124) AT ( 533500.00, 4413500.00)  GC
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  359.   21.03194 (04052224) AT (531500.00, 4414500.00) GC
399.   20.22886 (04092224) AT (533500.00, 4416500.00) GC
  360.   21.00239 (04071324) AT (533500.00, 4416500.00) GC
400.   20.19829 (04090824) AT (531500.00, 4414000.00) GC
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/27/11
                                   ***
                                   ***   19:06:27

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 **MODELOPTs: RegDFAULT CONC
  ELEV

                                  *** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: 2ALT-KUM ***
                                    INCLUDING SOURCE(S):   BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE
 - - -

443. 19.31478 (04092924) AT (531500.00, 4414000.00) GC
404. 20.05402 (04090724) AT (533500.00, 4416000.00) GC
444. 19.27532 (04031124) AT (532000.00, 4414000.00) GC
405. 20.04801 (04042024) AT (533000.00, 4417000.00) GC
445. 19.24343 (04013124) AT (532000.00, 4415000.00) GC
406. 20.04151 (04101424) AT (533000.00, 4415500.00) GC
446. 19.20218 (04091324) AT (534500.00, 4417000.00) GC
407. 20.01942 (04122824) AT (533000.00, 4417500.00) GC
447. 19.20141 (04092924) AT (528500.00, 4412500.00) GC
408. 20.01450 (04100224) AT (531500.00, 4414500.00) GC
448. 19.19590 (04102124) AT (533500.00, 4416500.00) GC
409. 19.98473 (04102924) AT (531000.00, 4413500.00) GC
449. 19.17329 (04013124) AT (532500.00, 4415000.00) GC
410. 19.95929 (04121724) AT (534000.00, 4417000.00) GC
450. 19.15948 (04030924) AT (532000.00, 4416500.00) GC
411. 19.95039 (04123124) AT (532000.00, 4416000.00) GC
451. 19.13319 (04092724) AT (528000.00, 4411000.00) GC
412. 19.94367 (04072624) AT (531500.00, 4416000.00) GC
452. 19.10316 (04111324) AT (529000.00, 4412500.00) GC
413. 19.93909 (04103124) AT (532000.00, 4416500.00) GC
453. 19.01040 (04110724) AT (531500.00, 4414000.00) GC
414. 19.93665 (04030824) AT (528500.00, 4414500.00) GC
454. 18.98116 (04012624) AT (533000.00, 4417000.00) GC
415. 19.93642 (04081324) AT (531500.00, 4416000.00) GC
455. 18.98039 (04020524) AT (532000.00, 4417500.00) GC
416. 19.92706 (04093024) AT (531500.00, 4414000.00) GC
456. 18.97176 (04121024) AT (533500.00, 4416500.00) GC
417. 19.78327 (04060424) AT (533500.00, 4416000.00) GC
457. 18.94230 (04101424) AT (531500.00, 4414500.00) GC
418. 19.77682 (04031524) AT (531500.00, 4416000.00) GC
458. 18.92640 (04030224) AT (532500.00, 4417500.00) GC
419. 19.76248 (04111424) AT (533000.00, 4416000.00) GC

459. 18.89952 (04071324) AT (532000.00, 4416500.00) GC
420. 19.68883 (04033124) AT (534000.00, 4417000.00) GC
460. 18.88017 (04052424) AT (534000.00, 4417500.00) GC
421. 19.64560 (04051724) AT (533000.00, 4417500.00) GC
461. 18.83693 (04072324) AT (534000.00, 4417500.00) GC
422. 19.63219 (04061324) AT (531500.00, 4414000.00) GC
462. 18.83400 (04091624) AT (534000.00, 4416500.00) GC
423. 19.63075 (04073124) AT (534000.00, 4417000.00) GC
463. 18.82203c(04010324) AT (532000.00, 4417500.00) GC
424. 19.61605 (04040924) AT (534000.00, 4417500.00) GC
464. 18.81136c(04121924) AT (533500.00, 4416500.00) GC
425. 19.61086 (04120624) AT (533000.00, 4415500.00) GC
465. 18.79014 (04030924) AT (532000.00, 4416000.00) GC
426. 19.60023 (04080424) AT (531500.00, 4414500.00) GC
466. 18.76998 (04090224) AT (531500.00, 4414500.00) GC
427. 19.59897c(04110124) AT (532000.00, 4415000.00) GC
467. 18.67342 (04041824) AT (533500.00, 4416000.00) GC
428. 19.56325 (04082124) AT (533000.00, 4417000.00) GC
468. 18.66297 (04102524) AT (531000.00, 4413500.00) GC
429. 19.55849 (04030924) AT (533000.00, 4417000.00) GC
469. 18.64873 (04092924) AT (532000.00, 4415000.00) GC
430. 19.52139 (04080524) AT (533500.00, 4417000.00) GC
470. 18.60205 (04111624) AT (534000.00, 4417500.00) GC
431. 19.51786 (04091924) AT (531500.00, 4414000.00) GC
471. 18.59914 (04093024) AT (533000.00, 4415500.00) GC
432. 19.49819 (04100624) AT (534000.00, 4417500.00) GC
472. 18.58573 (04080124) AT (534500.00, 4417000.00) GC
433. 19.49251 (04090924) AT (531500.00, 4414500.00) GC
473. 18.58096 (04092924) AT (529000.00, 4412500.00) GC
434. 19.43063 (04091424) AT (531500.00, 4414000.00) GC
474. 18.55816 (04072124) AT (534500.00, 4417500.00) GC
435. 19.40554 (04082224) AT (532500.00, 4417500.00) GC

475. 18.55807 (04083024) AT (531500.00, 4416500.00) GC
436. 19.39078 (04120324) AT (533000.00, 4417500.00) GC
476. 18.52808c(04100124) AT (541500.00, 4419500.00) GC
437. 19.37863 (04120624) AT (533000.00, 4416000.00) GC
477. 18.51092 (04031224) AT (532000.00, 4415000.00) GC
438. 19.36795 (04101624) AT (531500.00, 4414000.00) GC
478. 18.50526 (04090124) AT (534000.00, 4417000.00) GC
439. 19.34244 (04111324) AT (532500.00, 4415500.00) GC
479. 18.49875 (04091624) AT (531000.00, 4413500.00) GC
440. 19.33613 (04101924) AT (531500.00, 4414000.00) GC
480. 18.48134 (04122924) AT (533000.00, 4416500.00) GC

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2ALT-KUM ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
  481.      18.47615 (04110624) AT ( 531500.00, 4414000.00)  GC
491.      18.32699 (04101124) AT ( 533500.00, 4416000.00)  GC
  482.      18.40922 (04122824) AT ( 531500.00, 4416000.00)  GC
492.      18.30746 (04020424) AT ( 534000.00, 4417000.00)  GC
  483.      18.40532 (04080824) AT ( 534500.00, 4417000.00)  GC
493.      18.27845 (04102524) AT ( 534000.00, 4416500.00)  GC
  484.      18.37656 (04062624) AT ( 534000.00, 4417500.00)  GC
494.      18.27615 (04103124) AT ( 533500.00, 4416500.00)  GC
  485.      18.36115 (04040924) AT ( 533500.00, 4417000.00)  GC
495.      18.26993 (04052324) AT ( 534000.00, 4416500.00)  GC
  486.      18.35794 (04012524) AT ( 533500.00, 4418000.00)  GC
496.      18.25626 (04063024) AT ( 533500.00, 4416000.00)  GC
  487.      18.35039 (04092024) AT ( 534000.00, 4416500.00)  GC
497.      18.24761 (04082624) AT ( 534000.00, 4417000.00)  GC
  488.      18.34991 (04110724) AT ( 531500.00, 4414500.00)  GC
498.      18.24055 (04080924) AT ( 533500.00, 4416000.00)  GC
  489.      18.33899 (04111324) AT ( 528000.00, 4412000.00)  GC
499.      18.21951 (04033124) AT ( 531500.00, 4416000.00)  GC
  490.      18.33605 (04011024) AT ( 531500.00, 4416500.00)  GC
500.      18.21148 (04071024) AT ( 533500.00, 4416000.00)  GC

  *** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
                                  ***       19:06:27
```

**MODELOPTs: RegDFAULT CONC
ELEV

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

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

GROUP ID	AVERAGE CONC	NETWORK OF TYPE	GRID-ID	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)
2ALT-KUM 1ST HIGHEST VALUE IS	11.24410 AT	(533500.00, 4416000.00, 855.00, 855.00, 0.00)	GC	PALZF000
2ND HIGHEST VALUE IS	7.18003 AT	(534000.00, 4417500.00, 894.00, 894.00, 0.00)	GC	PALZF000
3RD HIGHEST VALUE IS	5.98876 AT	(531500.00, 4414500.00, 893.00, 893.00, 0.00)	GC	PALZF000
4TH HIGHEST VALUE IS	5.76632 AT	(534500.00, 4417000.00, 822.00, 822.00, 0.00)	GC	PALZF000
5TH HIGHEST VALUE IS	5.65809 AT	(533000.00, 4415500.00, 945.00, 945.00, 0.00)	GC	PALZF000
6TH HIGHEST VALUE IS	5.56238 AT	(531500.00, 4416000.00, 880.00, 880.00, 0.00)	GC	PALZF000

```
         7TH HIGHEST VALUE IS       5.27216 AT (  533500.00,
4417000.00,   961.00,   961.00,    0.00)  GC  PALZF000
         8TH HIGHEST VALUE IS       5.14280 AT (  534000.00,
4416500.00,   815.00,   815.00,    0.00)  GC  PALZF000
         9TH HIGHEST VALUE IS       5.03862 AT (  531500.00,
4414000.00,   872.00,   872.00,    0.00)  GC  PALZF000
        10TH HIGHEST VALUE IS       4.62796 AT (  533500.00,
4417500.00,   930.00,   930.00,    0.00)  GC  PALZF000


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                    ***        19:06:27

                                               PAGE  37
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                                 *** THE SUMMARY OF
HIGHEST 24-HR RESULTS ***


                                      ** CONC OF NOX      IN
MICROGRAMS/M**3                          **
```

```
                                                                DATE
                                                               NETWORK
GROUP ID                              AVERAGE CONC          (YYMMDDHH)
RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

2ALT-KUM HIGH  1ST HIGH VALUE IS     112.24266  ON 04110624: AT (
534000.00,  4417500.00,   894.00,   894.00,    0.00)  GC  PALZF000


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                    ***        19:06:27

                                                PAGE  38
 **MODELOPTs:  RegDFAULT CONC
  ELEV


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            4 Warning Message(s)
```

```
 A Total of           33 Informational Message(s)

 A Total of         8784 Hours Were Processed

 A Total of           33 Calm Hours Identified

 A Total of            0 Missing Hours Identified (  0.00 Percent)


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


    ********   WARNING MESSAGES   ********
 OU W565   320 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   321 PERPLT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   322 OUPOST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   323 PERPST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE

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

```
** BREEZE AERMOD
** Trinity Consultants
** VERSION  7.2

CO STARTING
CO TITLEONE  NO TITLE SPECIFIED
CO MODELOPT  DFAULT  CONC
CO RUNORNOT  RUN
CO AVERTIME  24  ANNUAL
CO POLLUTID  CO
CO FINISHED

SO STARTING
SO ELEVUNIT  METERS
SO LOCATION  BACA1A    POINT     535249  4417479  680
SO LOCATION  BACA1B    POINT     535283  4417499  680
SO LOCATION  ON.ISIT.  POINT     535127  4417541  680
SO LOCATION  CALIK1    POINT     539763.0  4423247.0  840
SO LOCATION  CALIK2    POINT     539774.0  4423312.0  841
SO LOCATION  CALIK3    POINT     539783.0  4423378.0  840
SO SRCPARAM  BACA1A    56.25  75  360.15  31.2  5.5
SO SRCPARAM  BACA1B    56.25  75  360.15  31.2  5.5
SO SRCPARAM  ON.ISIT.  0.12  15  453.15  5  0.75
SO SRCPARAM  CALIK1    6.22  80  365.49  18.85  7
SO SRCPARAM  CALIK2    6.22  80  365.49  18.85  7
SO SRCPARAM  CALIK3    6.22  80  365.49  18.85  7
SO SRCGROUP  KUMULATI  BACA1A  BACA1B  ON.ISIT.  CALIK1  CALIK2  CALIK3
SO FINISHED

RE STARTING
RE ELEVUNIT  METERS
RE GRIDCART PALZF000 STA
```

```
** GRDDESCR  calısma alanı
RE GRIDCART PALZF000 XYINC  528000  31  500  4410000  31  500
RE GRIDCART PALZF000 ELEV  1  813  937  963  1067  1033  940  902  853
830  838
RE GRIDCART PALZF000 ELEV  1  902  933  884  863  855  815  777  756
719  761
RE GRIDCART PALZF000 ELEV  1  736  734  705  680  677  679  710  745
738  732
RE GRIDCART PALZF000 ELEV  1  710
RE GRIDCART PALZF000 ELEV  2  765  818  872  970  953  951  920  863
822  855
RE GRIDCART PALZF000 ELEV  2  835  877  909  840  817  802  768  772
717  693
RE GRIDCART PALZF000 ELEV  2  697  683  680  680  685  697  703  742
753  740
RE GRIDCART PALZF000 ELEV  2  727
RE GRIDCART PALZF000 ELEV  3  868  793  857  887  877  954  908  881
874  799
RE GRIDCART PALZF000 ELEV  3  802  808  867  856  791  858  767  795
688  676
RE GRIDCART PALZF000 ELEV  3  680  687  708  706  737  740  741  732
775  753
RE GRIDCART PALZF000 ELEV  3  745
RE GRIDCART PALZF000 ELEV  4  909  790  778  785  863  940  937  921
871  818
RE GRIDCART PALZF000 ELEV  4  801  765  794  833  776  730  747  717
670  681
RE GRIDCART PALZF000 ELEV  4  694  704  718  718  735  775  792  746
779  766
RE GRIDCART PALZF000 ELEV  4  754
RE GRIDCART PALZF000 ELEV  5  928  806  800  749  818  922  978  969
929  855
```

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RE GRIDCART PALZF000 ELEV  5  806  770  742  728  728  710  744  674
689  701
RE GRIDCART PALZF000 ELEV  5  713  716  728  742  751  771  779  752
774  779
RE GRIDCART PALZF000 ELEV  5  773
RE GRIDCART PALZF000 ELEV  6  947  852  852  750  766  861  923  981
905  857
RE GRIDCART PALZF000 ELEV  6  817  790  780  750  740  703  683  677
708  722
RE GRIDCART PALZF000 ELEV  6  751  748  738  750  743  791  792  774
781  798
RE GRIDCART PALZF000 ELEV  6  797
RE GRIDCART PALZF000 ELEV  7  906  920  869  828  742  811  928  959
939  912
RE GRIDCART PALZF000 ELEV  7  852  823  806  742  722  692  875  696
769  756
RE GRIDCART PALZF000 ELEV  7  779  780  763  763  764  773  780  799
812  824
RE GRIDCART PALZF000 ELEV  7  835
RE GRIDCART PALZF000 ELEV  8  905  897  849  823  736  764  846  899
1007  977
RE GRIDCART PALZF000 ELEV  8  921  874  780  726  706  677  681  741
771  798
RE GRIDCART PALZF000 ELEV  8  765  766  770  778  778  790  806  820
851  853
RE GRIDCART PALZF000 ELEV  8  883
RE GRIDCART PALZF000 ELEV  9  875  953  879  797  754  745  806  872
972  976
RE GRIDCART PALZF000 ELEV  9  900  871  778  764  694  671  713  742
777  802
RE GRIDCART PALZF000 ELEV  9  759  762  779  788  799  796  846  856
896  892
```

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RE GRIDCART PALZF000 ELEV  9  916
RE GRIDCART PALZF000 ELEV  10  830  892  883  843  745  736  797  893
961  941
RE GRIDCART PALZF000 ELEV  10  868  797  766  767  701  668  690  704
716  733
RE GRIDCART PALZF000 ELEV  10  750  789  799  816  849  825  840  934
947  931
RE GRIDCART PALZF000 ELEV  10  978
RE GRIDCART PALZF000 ELEV  11  842  803  800  782  762  724  801  859
951  1001
RE GRIDCART PALZF000 ELEV  11  900  811  769  740  696  669  685  709
722  746
RE GRIDCART PALZF000 ELEV  11  765  800  835  880  871  857  845  893
945  981
RE GRIDCART PALZF000 ELEV  11  1001
RE GRIDCART PALZF000 ELEV  12  793  854  789  779  742  726  810  902
981  1013
RE GRIDCART PALZF000 ELEV  12  945  847  749  712  673  667  731  712
762  774
RE GRIDCART PALZF000 ELEV  12  783  856  934  920  909  919  868  889
1000
RE GRIDCART PALZF000 ELEV  12  1038  1054
RE GRIDCART PALZF000 ELEV  13  776  786  784  781  763  719  774  880
958  1014
RE GRIDCART PALZF000 ELEV  13  918  855  774  688  666  712  724  713
759  799
RE GRIDCART PALZF000 ELEV  13  823  847  940  937  982  966  919  943
919  1047
RE GRIDCART PALZF000 ELEV  13  1084
RE GRIDCART PALZF000 ELEV  14  767  752  751  746  732  716  803  870
950  1000
RE GRIDCART PALZF000 ELEV  14  1008  934  815  733  685  665  676  701
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753  816
RE GRIDCART PALZF000 ELEV  14  839  915  986  981  1047  975  998  987
951  968
RE GRIDCART PALZF000 ELEV  14  997
RE GRIDCART PALZF000 ELEV  15  771  752  740  729  717  711  807  902
897  960
RE GRIDCART PALZF000 ELEV  15  1014  961  815  822  758  672  667  691
745  801
RE GRIDCART PALZF000 ELEV  15  804  878  854  915  1009  999  1047  967
1027
RE GRIDCART PALZF000 ELEV  15  968  999
RE GRIDCART PALZF000 ELEV  16  755  739  731  723  709  707  774  814
903  929
RE GRIDCART PALZF000 ELEV  16  980  930  894  816  739  665  704  730
728  761
RE GRIDCART PALZF000 ELEV  16  782  857  810  845  905  933  973  1023
1022
RE GRIDCART PALZF000 ELEV  16  1017  984
RE GRIDCART PALZF000 ELEV  17  772  743  729  717  709  704  729  799
862  891
RE GRIDCART PALZF000 ELEV  17  946  914  812  758  697  663  694  732
706  751
RE GRIDCART PALZF000 ELEV  17  759  799  789  840  876  890  930  1022
1048
RE GRIDCART PALZF000 ELEV  17  1069  1051
RE GRIDCART PALZF000 ELEV  18  771  744  725  724  712  703  700  843
872  834
RE GRIDCART PALZF000 ELEV  18  859  866  829  757  732  689  667  674
694  730
RE GRIDCART PALZF000 ELEV  18  766  780  787  828  846  867  896  971
1096
RE GRIDCART PALZF000 ELEV  18  1068  1110
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RE GRIDCART PALZF000 ELEV  19  770  737  730  719  717  711  699  724
804  764
RE GRIDCART PALZF000 ELEV  19  845  829  770  816  786  749  668  670
685  740
RE GRIDCART PALZF000 ELEV  19  789  803  801  821  832  843  857  918
1025
RE GRIDCART PALZF000 ELEV  19  1048  1060
RE GRIDCART PALZF000 ELEV  20  776  741  733  727  735  733  702  701
695  704
RE GRIDCART PALZF000 ELEV  20  743  780  733  783  801  809  721  673
679  713
RE GRIDCART PALZF000 ELEV  20  788  778  783  817  808  826  873  982
959  958
RE GRIDCART PALZF000 ELEV  20  985
RE GRIDCART PALZF000 ELEV  21  771  739  738  742  753  760  729  725
780  730
RE GRIDCART PALZF000 ELEV  21  687  708  697  774  762  772  682  666
686  689
RE GRIDCART PALZF000 ELEV  21  735  741  766  791  786  818  855  936
1074
RE GRIDCART PALZF000 ELEV  21  1024  1042
RE GRIDCART PALZF000 ELEV  22  754  745  747  753  767  806  757  736
796  808
RE GRIDCART PALZF000 ELEV  22  725  682  675  735  779  701  663  679
700  712
RE GRIDCART PALZF000 ELEV  22  711  732  765  757  772  802  840  932
1047
RE GRIDCART PALZF000 ELEV  22  1080  1086
RE GRIDCART PALZF000 ELEV  23  755  759  762  767  777  807  774  752
828  776
RE GRIDCART PALZF000 ELEV  23  725  714  672  694  762  661  674  717
712  705
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RE GRIDCART PALZF000 ELEV  23  711  740  747  746  761  780  809  876
976  1068
RE GRIDCART PALZF000 ELEV  23  1124
RE GRIDCART PALZF000 ELEV  24  763  775  785  790  794  848  799  778
829  833
RE GRIDCART PALZF000 ELEV  24  768  734  694  677  665  662  735  764
751  729
RE GRIDCART PALZF000 ELEV  24  726  720  728  735  742  750  780  816
865  907
RE GRIDCART PALZF000 ELEV  24  1051
RE GRIDCART PALZF000 ELEV  25  794  789  812  817  810  877  832  815
811  869
RE GRIDCART PALZF000 ELEV  25  794  731  739  697  696  659  725  738
772  744
RE GRIDCART PALZF000 ELEV  25  751  740  767  767  762  765  774  772
822  872
RE GRIDCART PALZF000 ELEV  25  989
RE GRIDCART PALZF000 ELEV  26  813  813  843  847  827  904  893  884
845  863
RE GRIDCART PALZF000 ELEV  26  822  783  782  726  685  667  670  686
723  753
RE GRIDCART PALZF000 ELEV  26  777  775  776  792  789  784  800  793
793  825
RE GRIDCART PALZF000 ELEV  26  777
RE GRIDCART PALZF000 ELEV  27  847  848  862  880  845  925  970  959
883  884
RE GRIDCART PALZF000 ELEV  27  860  827  757  736  700  710  657  656
682  739
RE GRIDCART PALZF000 ELEV  27  833  820  815  812  826  814  810  817
811  805
RE GRIDCART PALZF000 ELEV  27  845
RE GRIDCART PALZF000 ELEV  28  918  927  907  907  864  945  1016  983
```

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943  913
RE GRIDCART PALZF000 ELEV  28  903  833  756  753  712  736  721  662
663  729
RE GRIDCART PALZF000 ELEV  28  838  881  826  817  861  860  845  843
846  859
RE GRIDCART PALZF000 ELEV  28  823
RE GRIDCART PALZF000 ELEV  29  970  998  952  928  895  952  1031  1037
991
RE GRIDCART PALZF000 ELEV  29  936  949  873  797  760  745  755  737
712  663
RE GRIDCART PALZF000 ELEV  29  699  823  799  800  798  814  833  897
880  876
RE GRIDCART PALZF000 ELEV  29  861  854
RE GRIDCART PALZF000 ELEV  30  1033  1040  980  945  930  927  1024
1057  1013
RE GRIDCART PALZF000 ELEV  30  977  978  878  812  786  798  775  714
680  658
RE GRIDCART PALZF000 ELEV  30  718  810  763  777  770  785  813  851
955  914
RE GRIDCART PALZF000 ELEV  30  901  887
RE GRIDCART PALZF000 ELEV  31  1098  1080  1013  1027  990  961  992
1100  1060
RE GRIDCART PALZF000 ELEV  31  1100  1013  942  870  807  829  756  726
676
RE GRIDCART PALZF000 ELEV  31  671  810  759  731  738  751  770  796
835  884
RE GRIDCART PALZF000 ELEV  31  992  962  931
RE GRIDCART PALZF000 HILL  1  813  937  963  1067  1033  940  902  853
830  838
RE GRIDCART PALZF000 HILL  1  902  933  884  863  855  815  777  756
719  761
RE GRIDCART PALZF000 HILL  1  736  734  705  680  677  679  710  745
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738  732
RE GRIDCART PALZF000 HILL  1  710
RE GRIDCART PALZF000 HILL  2  765  818  872  970  953  951  920  863
822  855
RE GRIDCART PALZF000 HILL  2  835  877  909  840  817  802  768  772
717  693
RE GRIDCART PALZF000 HILL  2  697  683  680  680  685  697  703  742
753  740
RE GRIDCART PALZF000 HILL  2  727
RE GRIDCART PALZF000 HILL  3  868  793  857  887  877  954  908  881
874  799
RE GRIDCART PALZF000 HILL  3  802  808  867  856  791  858  767  795
688  676
RE GRIDCART PALZF000 HILL  3  680  687  708  706  737  740  741  732
775  753
RE GRIDCART PALZF000 HILL  3  745
RE GRIDCART PALZF000 HILL  4  909  790  778  785  863  940  937  921
871  818
RE GRIDCART PALZF000 HILL  4  801  765  794  833  776  730  747  717
670  681
RE GRIDCART PALZF000 HILL  4  694  704  718  718  735  775  792  746
779  766
RE GRIDCART PALZF000 HILL  4  754
RE GRIDCART PALZF000 HILL  5  928  806  800  749  818  922  978  969
929  855
RE GRIDCART PALZF000 HILL  5  806  770  742  728  728  710  744  674
689  701
RE GRIDCART PALZF000 HILL  5  713  716  728  742  751  771  779  752
774  779
RE GRIDCART PALZF000 HILL  5  773
RE GRIDCART PALZF000 HILL  6  947  852  852  750  766  861  923  981
905  857
```

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RE GRIDCART PALZF000 HILL  6  817  790  780  750  740  703  683  677
708  722
RE GRIDCART PALZF000 HILL  6  751  748  738  750  743  791  792  774
781  798
RE GRIDCART PALZF000 HILL  6  797
RE GRIDCART PALZF000 HILL  7  906  920  869  828  742  811  928  959
939  912
RE GRIDCART PALZF000 HILL  7  852  823  806  742  722  692  875  696
769  756
RE GRIDCART PALZF000 HILL  7  779  780  763  763  764  773  780  799
812  824
RE GRIDCART PALZF000 HILL  7  835
RE GRIDCART PALZF000 HILL  8  905  897  849  823  736  764  846  899
1007  977
RE GRIDCART PALZF000 HILL  8  921  874  780  726  706  677  681  741
771  798
RE GRIDCART PALZF000 HILL  8  765  766  770  778  778  790  806  820
851  853
RE GRIDCART PALZF000 HILL  8  883
RE GRIDCART PALZF000 HILL  9  875  953  879  797  754  745  806  872
972  976
RE GRIDCART PALZF000 HILL  9  900  871  778  764  694  671  713  742
777  802
RE GRIDCART PALZF000 HILL  9  759  762  779  788  799  796  846  856
896  892
RE GRIDCART PALZF000 HILL  9  916
RE GRIDCART PALZF000 HILL  10  830  892  883  843  745  736  797  893
961  941
RE GRIDCART PALZF000 HILL  10  868  797  766  767  701  668  690  704
716  733
RE GRIDCART PALZF000 HILL  10  750  789  799  816  849  825  840  934
947  931
```

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RE GRIDCART PALZF000 HILL  10  978
RE GRIDCART PALZF000 HILL  11  842  803  800  782  762  724  801  859
951  1001
RE GRIDCART PALZF000 HILL  11  900  811  769  740  696  669  685  709
722  746
RE GRIDCART PALZF000 HILL  11  765  800  835  880  871  857  845  893
945  981
RE GRIDCART PALZF000 HILL  11  1001
RE GRIDCART PALZF000 HILL  12  793  854  789  779  742  726  810  902
981  1013
RE GRIDCART PALZF000 HILL  12  945  847  749  712  673  667  731  712
762  774
RE GRIDCART PALZF000 HILL  12  783  856  934  920  909  919  868  889
1000
RE GRIDCART PALZF000 HILL  12  1038  1054
RE GRIDCART PALZF000 HILL  13  776  786  784  781  763  719  774  880
958  1014
RE GRIDCART PALZF000 HILL  13  918  855  774  688  666  712  724  713
759  799
RE GRIDCART PALZF000 HILL  13  823  847  940  937  982  966  919  943
919  1047
RE GRIDCART PALZF000 HILL  13  1084
RE GRIDCART PALZF000 HILL  14  767  752  751  746  732  716  803  870
950  1000
RE GRIDCART PALZF000 HILL  14  1008  934  815  733  685  665  676  701
753  816
RE GRIDCART PALZF000 HILL  14  839  915  986  981  1047  975  998  987
951  968
RE GRIDCART PALZF000 HILL  14  997
RE GRIDCART PALZF000 HILL  15  771  752  740  729  717  711  807  902
897  960
RE GRIDCART PALZF000 HILL  15  1014  961  815  822  758  672  667  691
```

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745  801
RE GRIDCART PALZF000 HILL  15  804  878  854  915  1009  999  1047  967
1027
RE GRIDCART PALZF000 HILL  15  968  999
RE GRIDCART PALZF000 HILL  16  755  739  731  723  709  707  774  814
903  929
RE GRIDCART PALZF000 HILL  16  980  930  894  816  739  665  704  730
728  761
RE GRIDCART PALZF000 HILL  16  782  857  810  845  905  933  973  1023
1022
RE GRIDCART PALZF000 HILL  16  1017  984
RE GRIDCART PALZF000 HILL  17  772  743  729  717  709  704  729  799
862  891
RE GRIDCART PALZF000 HILL  17  946  914  812  758  697  663  694  732
706  751
RE GRIDCART PALZF000 HILL  17  759  799  789  840  876  890  930  1022
1048
RE GRIDCART PALZF000 HILL  17  1069  1051
RE GRIDCART PALZF000 HILL  18  771  744  725  724  712  703  700  843
872  834
RE GRIDCART PALZF000 HILL  18  859  866  829  757  732  689  667  674
694  730
RE GRIDCART PALZF000 HILL  18  766  780  787  828  846  867  896  971
1096
RE GRIDCART PALZF000 HILL  18  1068  1110
RE GRIDCART PALZF000 HILL  19  770  737  730  719  717  711  699  724
804  764
RE GRIDCART PALZF000 HILL  19  845  829  770  816  786  749  668  670
685  740
RE GRIDCART PALZF000 HILL  19  789  803  801  821  832  843  857  918
1025
RE GRIDCART PALZF000 HILL  19  1048  1060
```

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RE GRIDCART PALZF000 HILL  20  776  741  733  727  735  733  702  701
695  704
RE GRIDCART PALZF000 HILL  20  743  780  733  783  801  809  721  673
679  713
RE GRIDCART PALZF000 HILL  20  788  778  783  817  808  826  873  982
959  958
RE GRIDCART PALZF000 HILL  20  985
RE GRIDCART PALZF000 HILL  21  771  739  738  742  753  760  729  725
780  730
RE GRIDCART PALZF000 HILL  21  687  708  697  774  762  772  682  666
686  689
RE GRIDCART PALZF000 HILL  21  735  741  766  791  786  818  855  936
1074
RE GRIDCART PALZF000 HILL  21  1024  1042
RE GRIDCART PALZF000 HILL  22  754  745  747  753  767  806  757  736
796  808
RE GRIDCART PALZF000 HILL  22  725  682  675  735  779  701  663  679
700  712
RE GRIDCART PALZF000 HILL  22  711  732  765  757  772  802  840  932
1047
RE GRIDCART PALZF000 HILL  22  1080  1086
RE GRIDCART PALZF000 HILL  23  755  759  762  767  777  807  774  752
828  776
RE GRIDCART PALZF000 HILL  23  725  714  672  694  762  661  674  717
712  705
RE GRIDCART PALZF000 HILL  23  711  740  747  746  761  780  809  876
976  1068
RE GRIDCART PALZF000 HILL  23  1124
RE GRIDCART PALZF000 HILL  24  763  775  785  790  794  848  799  778
829  833
RE GRIDCART PALZF000 HILL  24  768  734  694  677  665  662  735  764
751  729
```

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RE GRIDCART PALZF000 HILL  24  726  720  728  735  742  750  780  816
865  907
RE GRIDCART PALZF000 HILL  24  1051
RE GRIDCART PALZF000 HILL  25  794  789  812  817  810  877  832  815
811  869
RE GRIDCART PALZF000 HILL  25  794  731  739  697  696  659  725  738
772  744
RE GRIDCART PALZF000 HILL  25  751  740  767  767  762  765  774  772
822  872
RE GRIDCART PALZF000 HILL  25  989
RE GRIDCART PALZF000 HILL  26  813  813  843  847  827  904  893  884
845  863
RE GRIDCART PALZF000 HILL  26  822  783  782  726  685  667  670  686
723  753
RE GRIDCART PALZF000 HILL  26  777  775  776  792  789  784  800  793
793  825
RE GRIDCART PALZF000 HILL  26  777
RE GRIDCART PALZF000 HILL  27  847  848  862  880  845  925  970  959
883  884
RE GRIDCART PALZF000 HILL  27  860  827  757  736  700  710  657  656
682  739
RE GRIDCART PALZF000 HILL  27  833  820  815  812  826  814  810  817
811  805
RE GRIDCART PALZF000 HILL  27  845
RE GRIDCART PALZF000 HILL  28  918  927  907  907  864  945  1016  983
943  913
RE GRIDCART PALZF000 HILL  28  903  833  756  753  712  736  721  662
663  729
RE GRIDCART PALZF000 HILL  28  838  881  826  817  861  860  845  843
846  859
RE GRIDCART PALZF000 HILL  28  823
RE GRIDCART PALZF000 HILL  29  970  998  952  928  895  952  1031  1037
```

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991
RE GRIDCART PALZF000 HILL  29  936  949  873  797  760  745  755  737
712  663
RE GRIDCART PALZF000 HILL  29  699  823  799  800  798  814  833  897
880  876
RE GRIDCART PALZF000 HILL  29  861  854
RE GRIDCART PALZF000 HILL  30  1033  1040  980  945  930  927  1024
1057  1013
RE GRIDCART PALZF000 HILL  30  977  978  878  812  786  798  775  714
680  658
RE GRIDCART PALZF000 HILL  30  718  810  763  777  770  785  813  851
955  914
RE GRIDCART PALZF000 HILL  30  901  887
RE GRIDCART PALZF000 HILL  31  1098  1080  1013  1027  990  961  992
1100  1060
RE GRIDCART PALZF000 HILL  31  1100  1013  942  870  807  829  756  726
676
RE GRIDCART PALZF000 HILL  31  671  810  759  731  738  751  770  796
835  884
RE GRIDCART PALZF000 HILL  31  992  962  931
RE GRIDCART PALZF000 END
RE DISCCART  537268  4419321  708  708
** RCPDESCR  Hacıbalı
RE DISCCART  533288  4420664  702  702
** RCPDESCR  Irmak
RE DISCCART  530873  4418253  707  707
** RCPDESCR  Irmak-KGA-SSW
RE DISCCART  532253  4419045  772  772
** RCPDESCR  Irmak-KGA-SW
RE DISCCART  534268  4421987  720  720
** RCPDESCR  Irmak-KGA-NE
RE DISCCART  536366  4419557  688  688
```

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** RCPDESCR  Toplu Konut
RE DISCCART  534987  4418091  692  692
** RCPDESCR  Tarla Evi
RE DISCCART  530614  4415312  729  729
** RCPDESCR  Kılıçlar
RE DISCCART  538946  4413223  762  762
** RCPDESCR  Yahşihan
RE DISCCART  541693  4411996  758  758
** RCPDESCR  Kırıkkale
RE FINISHED

ME STARTING
ME SURFFILE  "C:\CO\o.VERIM.SFC"
** SURFFILE  "C:\CO\o.VERIM.SFC"
ME PROFFILE  "C:\CO\o.VERIM.PFL"
** PROFFILE  "C:\CO\o.VERIM.PFL"
ME SURFDATA  00017135  2004
ME UAIRDATA  00017130  2004
ME PROFBASE  750
ME FINISHED

OU STARTING
OU RECTABLE  24  FIRST
OU FILEFORM FIX
OU MAXTABLE  24  500
OU PLOTFILE  24  KUMULATI  FIRST  KUMULATI`24`FIRST.plt  10000
OU PLOTFILE  ANNUAL  KUMULATI  KUMULATI`ANNUAL.plt  10001
OU POSTFILE  24  KUMULATI  UNFORM  KUMULATI`24.bin  10002
OU POSTFILE  ANNUAL  KUMULATI  UNFORM  KUMULATI`ANNUAL.bin  10003
OU FINISHED
```

outputfile5

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

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

A Total of 0 Fatal Error Message(s)
A Total of 4 Warning Message(s)
A Total of 0 Informational Message(s)

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

******** WARNING MESSAGES ********
OU W565 320 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 321 PERPLT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 322 OUPOST:Possible Conflict With Dynamically Allocated FUNIT POSTFILE
OU W565 323 PERPST:Possible Conflict With Dynamically Allocated FUNIT POSTFILE

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

*** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 00:33:48

**MODELOPTs: RegDFAULT CONC
ELEV

*** MODEL SETUP OPTIONS SUMMARY ***

- - - -

```
 **This Run Includes:      6 Source(s);       1 Source Group(s); and
971 Receptor(s)

 **The Model Assumes A Pollutant Type of:  CO

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

 **Output Options Selected:
          Model Outputs Tables of ANNUAL Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor
(RECTABLE Keyword)
          Model Outputs Tables of Overall Maximum Short Term Values
(MAXTABLE Keyword)
          Model Outputs External File(s) of Concurrent Values for
Postprocessing (POSTFILE Keyword)
          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) =   750.00 ;
 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 = 3.6 MB of RAM.

*** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
***
*** 00:33:48

**MODELOPTs: RegDFAULT CONC
ELEV

*** POINT SOURCE DATA
***

STACK SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)
BACA1A	0	0.56250E+02	NO	NO			680.0	75.00	360.15	31.20	5.50
BACA1B	0	0.56250E+02	NO	NO			680.0	75.00	360.15	31.20	5.50
ON.ISIT.	0	0.12000E+00					680.0	15.00			

STACK SOURCE ID	X (METERS)	Y (METERS)
BACA1A	535249.0	4417479.0
BACA1B	535283.0	4417499.0
ON.ISIT.	535127.0	4417541.0

```
453.15     5.00     0.75    NO      NO    NO
   CALIK1         0   0.62200E+01  539763.0 4423247.0   840.0    80.00
365.49    18.85     7.00    NO      NO    NO
   CALIK2         0   0.62200E+01  539774.0 4423312.0   841.0    80.00
365.49    18.85     7.00    NO      NO    NO
   CALIK3         0   0.62200E+01  539783.0 4423378.0   840.0    80.00
365.49    18.85     7.00    NO      NO    NO
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
                                  ***        00:33:48

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 **MODELOPTs:  RegDFAULT CONC
  ELEV



                                          *** SOURCE IDs DEFINING
SOURCE GROUPS ***

 GROUP ID                                                SOURCE IDs


  KUMULATI  BACA1A  , BACA1B  , ON.ISIT., CALIK1  , CALIK2  , CALIK3  ,
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
                                  ***        00:33:48
```

**MODELOPTs: RegDFAULT CONC
ELEV

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

528000.0, 528500.0, 529000.0, 529500.0, 530000.0, 530500.0, 531000.0, 531500.0, 532000.0, 532500.0,
533000.0, 533500.0, 534000.0, 534500.0, 535000.0, 535500.0, 536000.0, 536500.0, 537000.0, 537500.0,
538000.0, 538500.0, 539000.0, 539500.0, 540000.0, 540500.0, 541000.0, 541500.0, 542000.0, 542500.0,
543000.0,

*** Y-COORDINATES OF GRID ***
(METERS)

4410000.0, 4410500.0, 4411000.0, 4411500.0, 4412000.0, 4412500.0, 4413000.0, 4413500.0, 4414000.0, 4414500.0,
4415000.0, 4415500.0, 4416000.0, 4416500.0, 4417000.0, 4417500.0, 4418000.0, 4418500.0, 4419000.0, 4419500.0,
4420000.0, 4420500.0, 4421000.0, 4421500.0, 4422000.0, 4422500.0, 4423000.0, 4423500.0, 4424000.0, 4424500.0,

4425000.0,

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
*** 00:33:48

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	528000.00	528500.00	529000.00	529500.00	530000.00	530500.00	531000.00	531500.00	532000.00
4425000.00	1098.00	1080.00	1013.00	1027.00	990.00	961.00	992.00	1100.00	1060.00
4424500.00	1033.00	1040.00	980.00	945.00	930.00	927.00	1024.00	1057.00	1013.00
4424000.00	970.00	998.00	952.00	928.00	895.00	952.00	1031.00	1037.00	991.00
4423500.00	918.00	927.00	907.00	907.00					

864.00	945.00	1016.00	983.00	943.00	
4423000.00		847.00	848.00	862.00	880.00
845.00	925.00	970.00	959.00	883.00	
4422500.00		813.00	813.00	843.00	847.00
827.00	904.00	893.00	884.00	845.00	
4422000.00		794.00	789.00	812.00	817.00
810.00	877.00	832.00	815.00	811.00	
4421500.00		763.00	775.00	785.00	790.00
794.00	848.00	799.00	778.00	829.00	
4421000.00		755.00	759.00	762.00	767.00
777.00	807.00	774.00	752.00	828.00	
4420500.00		754.00	745.00	747.00	753.00
767.00	806.00	757.00	736.00	796.00	
4420000.00		771.00	739.00	738.00	742.00
753.00	760.00	729.00	725.00	780.00	
4419500.00		776.00	741.00	733.00	727.00
735.00	733.00	702.00	701.00	695.00	
4419000.00		770.00	737.00	730.00	719.00
717.00	711.00	699.00	724.00	804.00	
4418500.00		771.00	744.00	725.00	724.00
712.00	703.00	700.00	843.00	872.00	
4418000.00		772.00	743.00	729.00	717.00
709.00	704.00	729.00	799.00	862.00	
4417500.00		755.00	739.00	731.00	723.00
709.00	707.00	774.00	814.00	903.00	
4417000.00		771.00	752.00	740.00	729.00
717.00	711.00	807.00	902.00	897.00	
4416500.00		767.00	752.00	751.00	746.00
732.00	716.00	803.00	870.00	950.00	
4416000.00		776.00	786.00	784.00	781.00
763.00	719.00	774.00	880.00	958.00	
4415500.00		793.00	854.00	789.00	779.00

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 742.00       726.00       810.00       902.00       981.00
  4415000.00 |       842.00       803.00       800.00       782.00
 762.00       724.00       801.00       859.00       951.00
  4414500.00 |       830.00       892.00       883.00       843.00
 745.00       736.00       797.00       893.00       961.00
  4414000.00 |       875.00       953.00       879.00       797.00
 754.00       745.00       806.00       872.00       972.00
  4413500.00 |       905.00       897.00       849.00       823.00
 736.00       764.00       846.00       899.00      1007.00
  4413000.00 |       906.00       920.00       869.00       828.00
 742.00       811.00       928.00       959.00       939.00
  4412500.00 |       947.00       852.00       852.00       750.00
 766.00       861.00       923.00       981.00       905.00
  4412000.00 |       928.00       806.00       800.00       749.00
 818.00       922.00       978.00       969.00       929.00
  4411500.00 |       909.00       790.00       778.00       785.00
 863.00       940.00       937.00       921.00       871.00
  4411000.00 |       868.00       793.00       857.00       887.00
 877.00       954.00       908.00       881.00       874.00
  4410500.00 |       765.00       818.00       872.00       970.00
 953.00       951.00       920.00       863.00       822.00
  4410000.00 |       813.00       937.00       963.00      1067.00
1033.00       940.00       902.00       853.00       830.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
                                  ***       00:33:48

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 **MODELOPTs:  RegDFAULT CONC
  ELEV
```

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)											
	532500.00	533000.00	533500.00	534000.00	534500.00	535000.00	535500.00	536000.00	536500.00			
4425000.00	1100.00	1013.00	942.00	870.00	807.00	829.00	756.00	726.00	676.00			
4424500.00	977.00	978.00	878.00	812.00	786.00	798.00	775.00	714.00	680.00			
4424000.00	936.00	949.00	873.00	797.00	760.00	745.00	755.00	737.00	712.00			
4423500.00	913.00	903.00	833.00	756.00	753.00	712.00	736.00	721.00	662.00			
4423000.00	884.00	860.00	827.00	757.00	736.00	700.00	710.00	657.00	656.00			
4422500.00	863.00	822.00	783.00	782.00	726.00	685.00	667.00	670.00	686.00			
4422000.00	869.00	794.00	731.00	739.00	697.00	696.00	659.00	725.00	738.00			
4421500.00	833.00	768.00	734.00	694.00	677.00	665.00	662.00	735.00	764.00			
4421000.00	776.00	725.00	714.00	672.00								

694.00	762.00	661.00	674.00	717.00	
4420500.00	808.00	725.00	682.00	675.00	
735.00	779.00	701.00	663.00	679.00	
4420000.00	730.00	687.00	708.00	697.00	
774.00	762.00	772.00	682.00	666.00	
4419500.00	704.00	743.00	780.00	733.00	
783.00	801.00	809.00	721.00	673.00	
4419000.00	764.00	845.00	829.00	770.00	
816.00	786.00	749.00	668.00	670.00	
4418500.00	834.00	859.00	866.00	829.00	
757.00	732.00	689.00	667.00	674.00	
4418000.00	891.00	946.00	914.00	812.00	
758.00	697.00	663.00	694.00	732.00	
4417500.00	929.00	980.00	930.00	894.00	
816.00	739.00	665.00	704.00	730.00	
4417000.00	960.00	1014.00	961.00	815.00	
822.00	758.00	672.00	667.00	691.00	
4416500.00	1000.00	1008.00	934.00	815.00	
733.00	685.00	665.00	676.00	701.00	
4416000.00	1014.00	918.00	855.00	774.00	
688.00	666.00	712.00	724.00	713.00	
4415500.00	1013.00	945.00	847.00	749.00	
712.00	673.00	667.00	731.00	712.00	
4415000.00	1001.00	900.00	811.00	769.00	
740.00	696.00	669.00	685.00	709.00	
4414500.00	941.00	868.00	797.00	766.00	
767.00	701.00	668.00	690.00	704.00	
4414000.00	976.00	900.00	871.00	778.00	
764.00	694.00	671.00	713.00	742.00	
4413500.00	977.00	921.00	874.00	780.00	
726.00	706.00	677.00	681.00	741.00	
4413000.00	912.00	852.00	823.00	806.00	

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 742.00       722.00       692.00       875.00       696.00
  4412500.00 |        857.00       817.00       790.00       780.00
 750.00       740.00       703.00       683.00       677.00
  4412000.00 |        855.00       806.00       770.00       742.00
 728.00       728.00       710.00       744.00       674.00
  4411500.00 |        818.00       801.00       765.00       794.00
 833.00       776.00       730.00       747.00       717.00
  4411000.00 |        799.00       802.00       808.00       867.00
 856.00       791.00       858.00       767.00       795.00
  4410500.00 |        855.00       835.00       877.00       909.00
 840.00       817.00       802.00       768.00       772.00
  4410000.00 |        838.00       902.00       933.00       884.00
 863.00       855.00       815.00       777.00       756.00
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***       00:33:48

                                             PAGE   7
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                  *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***

                                               * ELEVATION HEIGHTS IN
METERS *

    Y-COORD  |                                                  X-COORD
(METERS)
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(METERS)	537000.00	537500.00	538000.00	538500.00	539000.00	539500.00	540000.00	540500.00	541000.00
4425000.00	671.00	810.00	759.00	731.00	738.00	751.00	770.00	796.00	835.00
4424500.00	658.00	718.00	810.00	763.00	777.00	770.00	785.00	813.00	851.00
4424000.00	663.00	699.00	823.00	799.00	800.00	798.00	814.00	833.00	897.00
4423500.00	663.00	729.00	838.00	881.00	826.00	817.00	861.00	860.00	845.00
4423000.00	682.00	739.00	833.00	820.00	815.00	812.00	826.00	814.00	810.00
4422500.00	723.00	753.00	777.00	775.00	776.00	792.00	789.00	784.00	800.00
4422000.00	772.00	744.00	751.00	740.00	767.00	767.00	762.00	765.00	774.00
4421500.00	751.00	729.00	726.00	720.00	728.00	735.00	742.00	750.00	780.00
4421000.00	712.00	705.00	711.00	740.00	747.00	746.00	761.00	780.00	809.00
4420500.00	700.00	712.00	711.00	732.00	765.00	757.00	772.00	802.00	840.00
4420000.00	686.00	689.00	735.00	741.00	766.00	791.00	786.00	818.00	855.00
4419500.00	679.00	713.00	788.00	778.00	783.00	817.00	808.00	826.00	873.00
4419000.00	685.00	740.00	789.00	803.00	801.00	821.00	832.00	843.00	857.00
4418500.00	694.00	730.00	766.00	780.00					

787.00	828.00	846.00	867.00	896.00	
4418000.00		706.00	751.00	759.00	799.00
789.00	840.00	876.00	890.00	930.00	
4417500.00		728.00	761.00	782.00	857.00
810.00	845.00	905.00	933.00	973.00	
4417000.00		745.00	801.00	804.00	878.00
854.00	915.00	1009.00	999.00	1047.00	
4416500.00		753.00	816.00	839.00	915.00
986.00	981.00	1047.00	975.00	998.00	
4416000.00		759.00	799.00	823.00	847.00
940.00	937.00	982.00	966.00	919.00	
4415500.00		762.00	774.00	783.00	856.00
934.00	920.00	909.00	919.00	868.00	
4415000.00		722.00	746.00	765.00	800.00
835.00	880.00	871.00	857.00	845.00	
4414500.00		716.00	733.00	750.00	789.00
799.00	816.00	849.00	825.00	840.00	
4414000.00		777.00	802.00	759.00	762.00
779.00	788.00	799.00	796.00	846.00	
4413500.00		771.00	798.00	765.00	766.00
770.00	778.00	778.00	790.00	806.00	
4413000.00		769.00	756.00	779.00	780.00
763.00	763.00	764.00	773.00	780.00	
4412500.00		708.00	722.00	751.00	748.00
738.00	750.00	743.00	791.00	792.00	
4412000.00		689.00	701.00	713.00	716.00
728.00	742.00	751.00	771.00	779.00	
4411500.00		670.00	681.00	694.00	704.00
718.00	718.00	735.00	775.00	792.00	
4411000.00		688.00	676.00	680.00	687.00
708.00	706.00	737.00	740.00	741.00	
4410500.00		717.00	693.00	697.00	683.00

680.00 680.00 685.00 697.00 703.00
4410000.00 | 719.00 761.00 736.00 734.00
705.00 680.00 677.00 679.00 710.00
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
*** 00:33:48

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 541500.00	542000.00	542500.00	543000.00
4425000.00	884.00	992.00	962.00	931.00
4424500.00	955.00	914.00	901.00	887.00
4424000.00	880.00	876.00	861.00	854.00
4423500.00	843.00	846.00	859.00	823.00
4423000.00	817.00	811.00	805.00	845.00
4422500.00	793.00	793.00	825.00	777.00

4422000.00	772.00	822.00	872.00	989.00
4421500.00	816.00	865.00	907.00	1051.00
4421000.00	876.00	976.00	1068.00	1124.00
4420500.00	932.00	1047.00	1080.00	1086.00
4420000.00	936.00	1074.00	1024.00	1042.00
4419500.00	982.00	959.00	958.00	985.00
4419000.00	918.00	1025.00	1048.00	1060.00
4418500.00	971.00	1096.00	1068.00	1110.00
4418000.00	1022.00	1048.00	1069.00	1051.00
4417500.00	1023.00	1022.00	1017.00	984.00
4417000.00	967.00	1027.00	968.00	999.00
4416500.00	987.00	951.00	968.00	997.00
4416000.00	943.00	919.00	1047.00	1084.00
4415500.00	889.00	1000.00	1038.00	1054.00
4415000.00	893.00	945.00	981.00	1001.00
4414500.00	934.00	947.00	931.00	978.00
4414000.00	856.00	896.00	892.00	916.00
4413500.00	820.00	851.00	853.00	883.00
4413000.00	799.00	812.00	824.00	835.00
4412500.00	774.00	781.00	798.00	797.00
4412000.00	752.00	774.00	779.00	773.00
4411500.00	746.00	779.00	766.00	754.00
4411000.00	732.00	775.00	753.00	745.00
4410500.00	742.00	753.00	740.00	727.00
4410000.00	745.00	738.00	732.00	710.00

**MODELOPTs: RegDFAULT CONC

ELEV

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	528000.00	528500.00	529000.00	529500.00	530000.00
530500.00	531000.00	531500.00	532000.00		
4425000.00	1098.00	1080.00	1013.00	1027.00	990.00
961.00	992.00	1100.00	1060.00		
4424500.00	1033.00	1040.00	980.00	945.00	930.00
927.00	1024.00	1057.00	1013.00		
4424000.00	970.00	998.00	952.00	928.00	895.00
952.00	1031.00	1037.00	991.00		
4423500.00	918.00	927.00	907.00	907.00	864.00
945.00	1016.00	983.00	943.00		
4423000.00	847.00	848.00	862.00	880.00	845.00
925.00	970.00	959.00	883.00		
4422500.00	813.00	813.00	843.00	847.00	827.00
904.00	893.00	884.00	845.00		
4422000.00	794.00	789.00	812.00	817.00	810.00
877.00	832.00	815.00	811.00		
4421500.00	763.00	775.00	785.00	790.00	

794.00	848.00	799.00	778.00	829.00	
4421000.00		755.00	759.00	762.00	767.00
777.00	807.00	774.00	752.00	828.00	
4420500.00		754.00	745.00	747.00	753.00
767.00	806.00	757.00	736.00	796.00	
4420000.00		771.00	739.00	738.00	742.00
753.00	760.00	729.00	725.00	780.00	
4419500.00		776.00	741.00	733.00	727.00
735.00	733.00	702.00	701.00	695.00	
4419000.00		770.00	737.00	730.00	719.00
717.00	711.00	699.00	724.00	804.00	
4418500.00		771.00	744.00	725.00	724.00
712.00	703.00	700.00	843.00	872.00	
4418000.00		772.00	743.00	729.00	717.00
709.00	704.00	729.00	799.00	862.00	
4417500.00		755.00	739.00	731.00	723.00
709.00	707.00	774.00	814.00	903.00	
4417000.00		771.00	752.00	740.00	729.00
717.00	711.00	807.00	902.00	897.00	
4416500.00		767.00	752.00	751.00	746.00
732.00	716.00	803.00	870.00	950.00	
4416000.00		776.00	786.00	784.00	781.00
763.00	719.00	774.00	880.00	958.00	
4415500.00		793.00	854.00	789.00	779.00
742.00	726.00	810.00	902.00	981.00	
4415000.00		842.00	803.00	800.00	782.00
762.00	724.00	801.00	859.00	951.00	
4414500.00		830.00	892.00	883.00	843.00
745.00	736.00	797.00	893.00	961.00	
4414000.00		875.00	953.00	879.00	797.00
754.00	745.00	806.00	872.00	972.00	
4413500.00		905.00	897.00	849.00	823.00

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 736.00       764.00       846.00       899.00      1007.00
  4413000.00 |        906.00       920.00       869.00       828.00
 742.00       811.00       928.00       959.00       939.00
  4412500.00 |        947.00       852.00       852.00       750.00
 766.00       861.00       923.00       981.00       905.00
  4412000.00 |        928.00       806.00       800.00       749.00
 818.00       922.00       978.00       969.00       929.00
  4411500.00 |        909.00       790.00       778.00       785.00
 863.00       940.00       937.00       921.00       871.00
  4411000.00 |        868.00       793.00       857.00       887.00
 877.00       954.00       908.00       881.00       874.00
  4410500.00 |        765.00       818.00       872.00       970.00
 953.00       951.00       920.00       863.00       822.00
  4410000.00 |        813.00       937.00       963.00      1067.00
1033.00       940.00       902.00       853.00       830.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                   ***
                                   ***       00:33:48

                                             PAGE  10
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                    *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***

                                                 * HILL HEIGHT SCALES IN
METERS *
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Y-COORD (METERS)	X-COORD (METERS)				
	532500.00	533000.00	533500.00	534000.00	534500.00
535000.00	535500.00	536000.00	536500.00		
4425000.00	1100.00	1013.00	942.00	870.00	807.00
829.00	756.00	726.00	676.00		
4424500.00	977.00	978.00	878.00	812.00	786.00
798.00	775.00	714.00	680.00		
4424000.00	936.00	949.00	873.00	797.00	760.00
745.00	755.00	737.00	712.00		
4423500.00	913.00	903.00	833.00	756.00	753.00
712.00	736.00	721.00	662.00		
4423000.00	884.00	860.00	827.00	757.00	736.00
700.00	710.00	657.00	656.00		
4422500.00	863.00	822.00	783.00	782.00	726.00
685.00	667.00	670.00	686.00		
4422000.00	869.00	794.00	731.00	739.00	697.00
696.00	659.00	725.00	738.00		
4421500.00	833.00	768.00	734.00	694.00	677.00
665.00	662.00	735.00	764.00		
4421000.00	776.00	725.00	714.00	672.00	694.00
762.00	661.00	674.00	717.00		
4420500.00	808.00	725.00	682.00	675.00	735.00
779.00	701.00	663.00	679.00		
4420000.00	730.00	687.00	708.00	697.00	774.00
762.00	772.00	682.00	666.00		
4419500.00	704.00	743.00	780.00	733.00	783.00
801.00	809.00	721.00	673.00		
4419000.00	764.00	845.00	829.00	770.00	

816.00	786.00	749.00	668.00	670.00	
4418500.00		834.00	859.00	866.00	829.00
757.00	732.00	689.00	667.00	674.00	
4418000.00		891.00	946.00	914.00	812.00
758.00	697.00	663.00	694.00	732.00	
4417500.00		929.00	980.00	930.00	894.00
816.00	739.00	665.00	704.00	730.00	
4417000.00		960.00	1014.00	961.00	815.00
822.00	758.00	672.00	667.00	691.00	
4416500.00		1000.00	1008.00	934.00	815.00
733.00	685.00	665.00	676.00	701.00	
4416000.00		1014.00	918.00	855.00	774.00
688.00	666.00	712.00	724.00	713.00	
4415500.00		1013.00	945.00	847.00	749.00
712.00	673.00	667.00	731.00	712.00	
4415000.00		1001.00	900.00	811.00	769.00
740.00	696.00	669.00	685.00	709.00	
4414500.00		941.00	868.00	797.00	766.00
767.00	701.00	668.00	690.00	704.00	
4414000.00		976.00	900.00	871.00	778.00
764.00	694.00	671.00	713.00	742.00	
4413500.00		977.00	921.00	874.00	780.00
726.00	706.00	677.00	681.00	741.00	
4413000.00		912.00	852.00	823.00	806.00
742.00	722.00	692.00	875.00	696.00	
4412500.00		857.00	817.00	790.00	780.00
750.00	740.00	703.00	683.00	677.00	
4412000.00		855.00	806.00	770.00	742.00
728.00	728.00	710.00	744.00	674.00	
4411500.00		818.00	801.00	765.00	794.00
833.00	776.00	730.00	747.00	717.00	
4411000.00		799.00	802.00	808.00	867.00

 856.00   791.00   858.00   767.00   795.00
  4410500.00 | 855.00   835.00   877.00   909.00
 840.00   817.00   802.00   768.00   772.00
  4410000.00 | 838.00   902.00   933.00   884.00
 863.00   855.00   815.00   777.00   756.00
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/27/11
                                  ***
                                  ***   00:33:48

                                             PAGE 11
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                    *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

                                              * HILL HEIGHT SCALES IN
METERS *

    Y-COORD | X-COORD
(METERS)
    (METERS) | 537000.00   537500.00   538000.00   538500.00
539000.00   539500.00   540000.00   540500.00   541000.00
 -
- -

  4425000.00 | 671.00   810.00   759.00   731.00
 738.00   751.00   770.00   796.00   835.00
  4424500.00 | 658.00   718.00   810.00   763.00

777.00	770.00	785.00	813.00	851.00	
4424000.00		663.00	699.00	823.00	799.00
800.00	798.00	814.00	833.00	897.00	
4423500.00		663.00	729.00	838.00	881.00
826.00	817.00	861.00	860.00	845.00	
4423000.00		682.00	739.00	833.00	820.00
815.00	812.00	826.00	814.00	810.00	
4422500.00		723.00	753.00	777.00	775.00
776.00	792.00	789.00	784.00	800.00	
4422000.00		772.00	744.00	751.00	740.00
767.00	767.00	762.00	765.00	774.00	
4421500.00		751.00	729.00	726.00	720.00
728.00	735.00	742.00	750.00	780.00	
4421000.00		712.00	705.00	711.00	740.00
747.00	746.00	761.00	780.00	809.00	
4420500.00		700.00	712.00	711.00	732.00
765.00	757.00	772.00	802.00	840.00	
4420000.00		686.00	689.00	735.00	741.00
766.00	791.00	786.00	818.00	855.00	
4419500.00		679.00	713.00	788.00	778.00
783.00	817.00	808.00	826.00	873.00	
4419000.00		685.00	740.00	789.00	803.00
801.00	821.00	832.00	843.00	857.00	
4418500.00		694.00	730.00	766.00	780.00
787.00	828.00	846.00	867.00	896.00	
4418000.00		706.00	751.00	759.00	799.00
789.00	840.00	876.00	890.00	930.00	
4417500.00		728.00	761.00	782.00	857.00
810.00	845.00	905.00	933.00	973.00	
4417000.00		745.00	801.00	804.00	878.00
854.00	915.00	1009.00	999.00	1047.00	
4416500.00		753.00	816.00	839.00	915.00

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986.00       981.00      1047.00       975.00       998.00
 4416000.00 |        759.00       799.00       823.00       847.00
940.00       937.00       982.00       966.00       919.00
 4415500.00 |        762.00       774.00       783.00       856.00
934.00       920.00       909.00       919.00       868.00
 4415000.00 |        722.00       746.00       765.00       800.00
835.00       880.00       871.00       857.00       845.00
 4414500.00 |        716.00       733.00       750.00       789.00
799.00       816.00       849.00       825.00       840.00
 4414000.00 |        777.00       802.00       759.00       762.00
779.00       788.00       799.00       796.00       846.00
 4413500.00 |        771.00       798.00       765.00       766.00
770.00       778.00       778.00       790.00       806.00
 4413000.00 |        769.00       756.00       779.00       780.00
763.00       763.00       764.00       773.00       780.00
 4412500.00 |        708.00       722.00       751.00       748.00
738.00       750.00       743.00       791.00       792.00
 4412000.00 |        689.00       701.00       713.00       716.00
728.00       742.00       751.00       771.00       779.00
 4411500.00 |        670.00       681.00       694.00       704.00
718.00       718.00       735.00       775.00       792.00
 4411000.00 |        688.00       676.00       680.00       687.00
708.00       706.00       737.00       740.00       741.00
 4410500.00 |        717.00       693.00       697.00       683.00
680.00       680.00       685.00       697.00       703.00
 4410000.00 |        719.00       761.00       736.00       734.00
705.00       680.00       677.00       679.00       710.00
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/27/11
                                  ***
                                  ***        00:33:48
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**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 541500.00	542000.00	542500.00	543000.00
4425000.00	884.00	992.00	962.00	931.00
4424500.00	955.00	914.00	901.00	887.00
4424000.00	880.00	876.00	861.00	854.00
4423500.00	843.00	846.00	859.00	823.00
4423000.00	817.00	811.00	805.00	845.00
4422500.00	793.00	793.00	825.00	777.00
4422000.00	772.00	822.00	872.00	989.00
4421500.00	816.00	865.00	907.00	1051.00
4421000.00	876.00	976.00	1068.00	1124.00
4420500.00	932.00	1047.00	1080.00	1086.00
4420000.00	936.00	1074.00	1024.00	1042.00
4419500.00	982.00	959.00	958.00	985.00
4419000.00	918.00	1025.00	1048.00	1060.00
4418500.00	971.00	1096.00	1068.00	1110.00

4418000.00	1022.00	1048.00	1069.00	1051.00
4417500.00	1023.00	1022.00	1017.00	984.00
4417000.00	967.00	1027.00	968.00	999.00
4416500.00	987.00	951.00	968.00	997.00
4416000.00	943.00	919.00	1047.00	1084.00
4415500.00	889.00	1000.00	1038.00	1054.00
4415000.00	893.00	945.00	981.00	1001.00
4414500.00	934.00	947.00	931.00	978.00
4414000.00	856.00	896.00	892.00	916.00
4413500.00	820.00	851.00	853.00	883.00
4413000.00	799.00	812.00	824.00	835.00
4412500.00	774.00	781.00	798.00	797.00
4412000.00	752.00	774.00	779.00	773.00
4411500.00	746.00	779.00	766.00	754.00
4411000.00	732.00	775.00	753.00	745.00
4410500.00	742.00	753.00	740.00	727.00
4410000.00	745.00	738.00	732.00	710.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** DISCRETE CARTESIAN
RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,
ZHILL, ZFLAG)

(METERS)

```
     ( 537268.0, 4419321.0,     708.0,     708.0,       0.0);         (
533288.0, 4420664.0,     702.0,     702.0,       0.0);
     ( 530873.0, 4418253.0,     707.0,     707.0,       0.0);         (
532253.0, 4419045.0,     772.0,     772.0,       0.0);
     ( 534268.0, 4421987.0,     720.0,     720.0,       0.0);         (
536366.0, 4419557.0,     688.0,     688.0,       0.0);
     ( 534987.0, 4418091.0,     692.0,     692.0,       0.0);         (
530614.0, 4415312.0,     729.0,     729.0,       0.0);
     ( 538946.0, 4413223.0,     762.0,     762.0,       0.0);         (
541693.0, 4411996.0,     758.0,     758.0,       0.0);
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
                                  ***       00:33:48

                                             PAGE  14
 **MODELOPTs:  RegDFAULT CONC
  ELEV


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

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

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

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED ***

10/27/11

***

***

00:33:48

**MODELOPTs: RegDFAULT CONC ELEV

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

Surface file: C:\CO\o.VERIM.SFC
Met Version: 06341
Profile file: C:\CO\o.VERIM.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 17135 Upper air station no.: 17130
Name: UNKNOWN Name: UNKNOWN
Year: 2004 Year: 2004

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
04	01	01	1	01	-3.7	0.087	-9.000	-9.000	-999.	59.	15.8	0.99	2.27	1.00	1.00	1.	10.0	271.4	2.0
04	01	01	1	02	-24.5	0.416	-9.000	-9.000	-999.	618.	266.2	0.99	2.27	1.00	2.60	48.	10.0	270.9	2.0
04	01	01	1	03	-24.5	0.416	-9.000	-9.000	-999.	618.	266.2	0.99	2.27	1.00	2.60	54.	10.0	270.9	2.0
04	01	01	1	04	-10.7	0.183	-9.000	-9.000	-999.	232.	51.1	0.99							

```
2.27   1.00    1.50   53.   10.0  270.9    2.0
04 01 01   1 05   -3.7  0.087 -9.000 -9.000 -999.   70.     15.8  0.99
2.27   1.00    1.00    3.   10.0  271.4    2.0
04 01 01   1 06   -0.9  0.043 -9.000 -9.000 -999.   21.      7.9  0.99
2.27   1.00    0.50   22.   10.0  271.4    2.0
04 01 01   1 07   -3.7  0.087 -9.000 -9.000 -999.   59.     15.8  0.99
2.27   1.00    1.00   25.   10.0  271.4    2.0
04 01 01   1 08  -10.5  0.190 -9.000 -9.000 -999.  190.     58.5  0.99
2.27   0.53    1.50   73.   10.0  272.0    2.0
04 01 01   1 09   -1.7  0.253 -9.000 -9.000 -999.  293.    847.3  0.99
2.27   0.26    1.50   67.   10.0  272.0    2.0
04 01 01   1 10   15.0  0.207  0.305  0.005   68.  217.    -53.0  0.99
2.27   0.17    1.00   71.   10.0  272.0    2.0
04 01 01   1 11   26.8  0.295  0.521  0.005  190.  368.    -86.3  0.99
2.27   0.13    1.50   94.   10.0  272.5    2.0
04 01 01   1 12   32.3  0.142  0.671  0.005  338.  138.     -8.0  0.99
2.27   0.12    0.50  176.   10.0  273.1    2.0
04 01 01   1 13   31.3  0.298  0.747  0.005  481.  374.    -76.5  0.99
2.27   0.12    1.50   73.   10.0  273.8    2.0
04 01 01   1 14   23.7  0.292  0.716  0.005  558.  363.    -94.6  0.99
2.27   0.14    1.50   69.   10.0  273.8    2.0
04 01 01   1 15   10.1  0.375  0.541  0.005  564.  528.   -470.0  0.99
2.27   0.19    2.10   72.   10.0  273.1    2.0
04 01 01   1 16   -6.4  0.231 -9.000 -9.000 -999.  267.    173.2  0.99
2.27   0.32    1.50   94.   10.0  273.1    2.0
04 01 01   1 17  -10.1  0.145 -9.000 -9.000 -999.  130.     27.3  0.99
2.27   1.00    1.50   91.   10.0  273.1    2.0
04 01 01   1 18  -10.1  0.145 -9.000 -9.000 -999.  127.     27.3  0.99
2.27   1.00    1.50   67.   10.0  273.1    2.0
04 01 01   1 19   -1.0  0.043 -9.000 -9.000 -999.   30.      7.3  0.99
2.27   1.00    0.50   74.   10.0  273.1    2.0
04 01 01   1 20   -1.0  0.043 -9.000 -9.000 -999.   21.      7.3  0.99
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2.27   1.00    0.50   47.   10.0  273.8    2.0
04 01 01   1 21   -4.0  0.087 -9.000 -9.000 -999.   59.     14.5  0.99
2.27   1.00    1.00  160.   10.0  273.1    2.0
04 01 01   1 22   -1.0  0.043 -9.000 -9.000 -999.   21.      7.3  0.99
2.27   1.00    0.50  202.   10.0  273.1    2.0
04 01 01   1 23   -4.0  0.087 -9.000 -9.000 -999.   59.     14.5  0.99
2.27   1.00    1.00  110.   10.0  273.1    2.0
04 01 01   1 24  -21.6  0.310 -9.000 -9.000 -999.  397.    124.6  0.99
2.27   1.00    2.10   70.   10.0  272.5    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 04 01 01 01   10.0 1    1.    1.00   271.5   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***        00:33:48

                                              PAGE  16
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: KUMULATI ***
                                  INCLUDING SOURCE(S):      BACA1A   ,
BACA1B   , ON.ISIT., CALIK1   , CALIK2   , CALIK3   ,
```

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	528000.00	528500.00	529000.00	529500.00	530000.00
530500.00	531000.00	531500.00	532000.00		
4425000.00	0.36328	0.42675	0.54918	0.52735	0.52225
0.44356	0.44854	0.37756	0.49778		
4424500.00	0.44299	0.50554	0.63055	0.73566	0.69531
0.53499	0.51246	0.49053	0.59385		
4424000.00	0.35814	0.48709	0.62039	0.83807	0.87420
0.68056	0.66488	0.64440	0.64142		
4423500.00	0.22940	0.32392	0.51053	0.80130	0.80185
0.83418	0.80812	0.64721	0.53959		
4423000.00	0.13575	0.15180	0.23373	0.49320	0.53428
1.01092	0.84311	0.70578	0.38891		
4422500.00	0.11850	0.12296	0.15376	0.20671	0.25471
0.98714	1.17521	0.93607	0.36795		
4422000.00	0.11888	0.12112	0.13197	0.14232	0.15622
0.55189	0.50568	0.38686	0.29898		
4421500.00	0.12346	0.12701	0.13174	0.13756	0.14552
0.22629	0.19756	0.20028	0.59313		
4421000.00	0.13426	0.13673	0.13974	0.14415	0.15066
0.16598	0.16928	0.18340	0.60349		
4420500.00	0.14702	0.14930	0.15255	0.15635	

```
0.16185      0.17699      0.17689      0.19083      0.23854
  4420000.00 |       0.16707      0.16179      0.16731      0.17202
0.17699      0.18265      0.19062      0.20197      0.21774
  4419500.00 |       0.17469      0.17110      0.17870      0.18638
0.19410      0.20209      0.20809      0.21909      0.23562
  4419000.00 |       0.17773      0.18183      0.18902      0.19665
0.20602      0.21648      0.22874      0.24828      0.37185
  4418500.00 |       0.20259      0.20127      0.20856      0.21624
0.22439      0.23625      0.25178      0.70418      1.53272
  4418000.00 |       0.25119      0.23214      0.24291      0.25005
0.25972      0.27420      0.30133      0.41310      1.07660
  4417500.00 |       0.25186      0.25836      0.27313      0.28800
0.29925      0.32189      0.42302      1.30601      5.75710
  4417000.00 |       0.28059      0.26811      0.28173      0.30084
0.32101      0.34830      0.59023      2.18527      2.31922
  4416500.00 |       0.26470      0.27713      0.29802      0.32375
0.35850      0.40029      0.96887      6.56123      6.80916
  4416000.00 |       0.32348      0.41900      0.48842      0.55665
0.48261      0.48249      0.75512     10.92009      5.77489
  4415500.00 |       0.71509      4.03977      0.85510      0.70941
0.47576      0.50583      1.58263      3.43998      4.17220
  4415000.00 |       3.83293      1.41575      1.29996      0.69882
0.48803      0.48895      0.73166      4.98633      7.22301
  4414500.00 |       2.74144      4.60384      3.34894      1.35216
0.45699      0.52619      1.35906     11.80706      6.29534
  4414000.00 |       2.61961      1.98749      1.31399      0.57632
0.51042      0.57714      2.53536      9.91315      3.15616
  4413500.00 |       1.32528      1.44286      1.84375      2.16331
0.53911      0.67046      6.20392      3.86038      1.53968
  4413000.00 |       1.73350      2.85211      5.02173      3.73869
0.52503      2.13501      3.21757      1.46499      0.87497
  4412500.00 |       2.67008      4.42598      5.73075      0.50333
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0.54313      2.78988      1.30415      0.94470      0.59648
  4412000.00 |       4.31742      1.75416      1.47167      0.43197
1.14641      1.28675      0.89729      0.70941      0.76129
  4411500.00 |       5.73312      0.98100      0.59083      0.48999
0.93264      0.76627      0.57190      0.56089      0.85184
  4411000.00 |       5.53147      0.83035      2.18069      1.13626
0.49034      0.58216      0.43616      0.54605      1.41007
  4410500.00 |       0.41464      0.97860      1.02596      0.80824
0.55713      0.48474      0.49928      0.73300      1.07428
  4410000.00 |       0.82363      1.20030      0.77822      0.44527
0.44113      0.45514      0.56527      1.03673      1.55759
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
                                  ***        00:33:48

                                             PAGE  17
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: KUMULATI ***
                                  INCLUDING SOURCE(S):      BACA1A   ,
BACA1B   , ON.ISIT., CALIK1   , CALIK2   , CALIK3   ,

                                  *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***

                                       ** CONC OF CO       IN
MICROGRAMS/M**3                         **
```

Y-COORD (METERS)	X-COORD (METERS)				
	532500.00	533000.00	533500.00	534000.00	534500.00
4425000.00	0.45535	0.65585	0.58098	0.34350	0.27951
4424500.00	0.47714	0.29182	0.30129	0.32111	0.26722
4424000.00	0.77526	0.76735	0.55795	0.25091	0.27265
4423500.00	0.88098	0.91051	0.66655	0.25359	0.29016
4423000.00	0.82122	1.08058	0.51834	0.25374	0.31201
4422500.00	0.58196	0.85298	0.53730	0.26960	0.33609
4422000.00	0.37732	0.41235	0.28823	0.30439	0.36482
4421500.00	0.45015	0.25785	0.26959	0.30829	0.40345
4421000.00	0.44938	0.23922	0.28271	0.33186	0.43894
4420500.00	0.24464	0.25172	0.29390	0.35782	0.48373
4420000.00	0.43030	0.26852	0.31101	0.38357	0.55788
4419500.00	0.24504	0.28022	0.32458	0.40587	0.66262
	0.25771	0.29248	0.39418	0.43524	0.97242
	0.64650	0.76542	0.85662	0.83782	0.74638
	0.74638	0.94871	1.05800	0.90026	0.97242
	0.97242	1.39901	1.31129	0.97625	

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  4419000.00 |       0.28343      0.38596      0.52021      0.49962
0.91211      1.19094      1.72786      1.56368      1.06802
  4418500.00 |       1.07459      1.62833      0.80338      0.66217
0.77768      1.54421      2.62042      1.80049      1.31856
  4418000.00 |       1.40007      2.28350      3.20350      1.25945
0.98250      1.49058      2.57141      2.30604      1.68567
  4417500.00 |       5.97754      5.39279      9.00848     14.16764
5.76570      2.63750      0.82004      2.29141      1.58067
  4417000.00 |       3.91743      5.55374     10.10706      8.92433
11.35793      4.57869      1.42554      1.18173      0.96410
  4416500.00 |       6.03056      6.50221      7.70805     10.10115
2.19774      2.59411      1.51864      1.02939      0.67669
  4416000.00 |       4.75507      8.93671     22.22664      1.39369
1.73525      1.64149      1.12617      0.87461      0.59811
  4415500.00 |       5.03970     11.18224      3.31296      1.04313
1.41835      1.14861      0.84832      0.74744      0.54614
  4415000.00 |       5.04771      4.88806      0.76360      1.02949
1.11221      0.82977      0.66044      0.62585      0.50849
  4414500.00 |       3.88887      0.91420      0.72853      1.01388
0.91618      0.64183      0.53557      0.51630      0.47020
  4414000.00 |       1.70329      0.92169      2.75588      1.08956
0.69560      0.52788      0.45221      0.42960      0.42951
  4413500.00 |       1.12544      1.31714      4.81005      0.95280
0.55485      0.44229      0.39451      0.38204      0.38205
  4413000.00 |       0.80546      1.79318      2.73367      1.28003
0.46294      0.38470      0.34323      0.64274      0.33759
  4412500.00 |       0.85694      1.49027      1.04444      0.60668
0.39726      0.33977      0.30662      0.29911      0.30476
  4412000.00 |       1.48749      1.33455      0.64463      0.44625
0.35423      0.30973      0.27992      0.25964      0.27303
  4411500.00 |       1.20331      1.19894      0.53672      0.44711
0.50101      0.31500      0.26018      0.23845      0.24177
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  4411000.00 |       0.91293      1.16286      0.88226      0.72660
0.62068      0.35085      1.13611      0.22613      0.22979
  4410500.00 |       3.13718      2.31005      1.73997      0.74834
0.52147      0.54336      0.38398      0.21334      0.20086
  4410000.00 |       2.46341      2.83594      1.26214      0.55620
0.64169      0.94478      0.47963      0.21007      0.18486
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***         10/27/11
                                  ***
                                  ***        00:33:48

                                             PAGE  18
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   1 YEARS FOR SOURCE GROUP: KUMULATI ***
                                  INCLUDING SOURCE(S):      BACA1A   ,
BACA1B   , ON.ISIT., CALIK1   , CALIK2   , CALIK3   ,

                                   *** NETWORK ID: PALZF000 ;  NETWORK
TYPE: GRIDCART ***

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

    Y-COORD  |                                                 X-COORD
(METERS)
    (METERS) |     537000.00    537500.00    538000.00    538500.00
539000.00    539500.00    540000.00    540500.00    541000.00
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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  4425000.00 |       0.34343      0.63559      0.40164      0.37741
0.36516      0.38301      0.41640      0.39580      0.34408
  4424500.00 |       0.36791      0.39982      0.71187      0.39727
0.38076      0.41612      0.51142      0.44858      0.41432
  4424000.00 |       0.40382      0.42548      0.88399      0.47853
0.40185      0.43118      0.63251      0.53900      0.72538
  4423500.00 |       0.44588      0.47410      1.05572      0.85914
0.46625      0.34318      0.50522      0.75931      0.79299
  4423000.00 |       0.50368      0.51730      0.85572      0.55861
0.60734      0.49890      0.41651      0.54566      0.61674
  4422500.00 |       0.56569      0.55921      0.54384      0.55326
0.59125      0.63249      0.49694      0.45685      0.56111
  4422000.00 |       0.66891      0.57807      0.53412      0.50447
0.51572      0.53215      0.45688      0.42416      0.40036
  4421500.00 |       0.66311      0.57413      0.49891      0.46418
0.49571      0.48150      0.43305      0.40170      0.39600
  4421000.00 |       0.67056      0.55282      0.47703      0.47643
0.50279      0.46731      0.42889      0.41839      0.41709
  4420500.00 |       0.67434      0.53951      0.49975      0.52425
0.53317      0.45381      0.40531      0.39826      0.52034
  4420000.00 |       0.68946      0.58035      0.57233      0.55261
0.50912      0.46004      0.39698      0.55581      1.19877
  4419500.00 |       0.74817      0.66837      0.78976      0.58059
0.50042      0.68320      0.66759      1.02391      1.92001
  4419000.00 |       0.87501      0.75233      0.68689      0.76076
0.77336      1.14604      1.26627      1.24125      1.13214
  4418500.00 |       1.03891      0.84616      0.72525      0.67079
0.58354      0.80413      0.72094      0.65493      0.65174
  4418000.00 |       1.17257      0.86796      0.68418      0.60377
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0.49203      0.72306      0.98985      1.03119      0.98553
  4417500.00 |       1.08630      0.81631      0.73046      2.39466
0.83177      1.52763      1.87152      1.47575      1.09322
  4417000.00 |       0.74946      0.66262      0.56001      1.01376
0.89662      1.13739      1.00193      0.88943      0.69654
  4416500.00 |       0.52280      0.70150      1.08478      1.15974
0.89234      0.81367      0.77702      0.66164      0.62384
  4416000.00 |       0.43345      0.35894      0.38301      0.68221
0.92217      0.86741      0.74287      0.63903      0.54309
  4415500.00 |       0.41515      0.32187      0.26371      0.30301
0.51466      0.64844      0.75782      0.74140      0.68967
  4415000.00 |       0.38906      0.31206      0.25026      0.21281
0.21268      0.28242      0.34242      0.41235      0.43731
  4414500.00 |       0.36821      0.29868      0.24810      0.21170
0.17802      0.16695      0.18661      0.17067      0.22476
  4414000.00 |       0.36535      0.30721      0.24124      0.20764
0.17724      0.15255      0.14014      0.13178      0.16001
  4413500.00 |       0.35670      0.28562      0.22881      0.20582
0.18155      0.15592      0.13481      0.12371      0.12047
  4413000.00 |       0.33931      0.26999      0.22113      0.20337
0.17826      0.15835      0.13765      0.12184      0.11157
  4412500.00 |       0.29798      0.26500      0.21607      0.18498
0.17007      0.15673      0.14082      0.13235      0.11482
  4412000.00 |       0.27501      0.25528      0.21772      0.18408
0.16427      0.15254      0.14216      0.13233      0.11805
  4411500.00 |       0.25062      0.24590      0.21731      0.18454
0.16038      0.14798      0.13929      0.13710      0.13291
  4411000.00 |       0.23104      0.23036      0.21548      0.18749
0.15977      0.14454      0.13469      0.12811      0.11997
  4410500.00 |       0.21022      0.21525      0.20636      0.18767
0.16559      0.14779      0.13489      0.12541      0.11845
  4410000.00 |       0.19320      0.20569      0.20099      0.18435
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0.16150 0.14719 0.13350 0.12525 0.11582
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
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*** 00:33:48

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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: KUMULATI ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	541500.00	542000.00	542500.00	543000.00	
4425000.00	0.40306	0.93057	0.93153	1.18988	
4424500.00	0.78780	0.95398	1.25948	1.40290	
4424000.00	0.91713	1.23486	1.26409	1.18946	

4423500.00	0.97553	1.15516	1.37254	0.71287
4423000.00	0.74811	0.64505	0.52221	0.88566
4422500.00	0.47633	0.43092	0.61447	0.27550
4422000.00	0.34756	0.54462	0.67868	0.87752
4421500.00	0.46513	0.56229	0.64632	0.67062
4421000.00	0.61014	0.94294	0.65263	0.42613
4420500.00	1.08729	0.89657	0.68387	0.59581
4420000.00	1.54102	0.77641	0.97858	0.80426
4419500.00	1.30100	1.22032	1.04839	0.85853
4419000.00	1.04932	0.77210	0.62443	0.56329
4418500.00	0.76847	0.52688	0.50374	0.39515
4418000.00	0.79689	0.66870	0.52760	0.52975
4417500.00	0.84815	0.79675	0.73454	0.78571
4417000.00	0.87641	0.72477	0.79933	0.67360
4416500.00	0.61306	0.57366	0.57537	0.54429
4416000.00	0.49136	0.41567	0.47321	0.37473
4415500.00	0.64624	0.51676	0.46848	0.41017
4415000.00	0.63292	0.55678	0.50409	0.46405
4414500.00	0.41851	0.46325	0.50315	0.46565
4414000.00	0.18896	0.29131	0.35311	0.41568
4413500.00	0.12366	0.15087	0.17117	0.24899
4413000.00	0.10841	0.10979	0.11573	0.12781
4412500.00	0.10281	0.09819	0.09828	0.09738
4412000.00	0.10375	0.09632	0.09216	0.08944
4411500.00	0.10694	0.09862	0.09086	0.08688
4411000.00	0.11030	0.10255	0.09238	0.08691
4410500.00	0.11179	0.10373	0.09532	0.08900
4410000.00	0.11118	0.10501	0.09795	0.09126

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 1 YEARS FOR SOURCE GROUP: KUMULATI ***
INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** DISCRETE CARTESIAN
RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
537268.00	4419321.00	0.72987	533288.00	4420664.00	0.28064
530873.00	4418253.00	0.26418	532253.00	4419045.00	0.27281
534268.00	4421987.00	0.33633	536366.00	4419557.00	1.05745
534987.00	4418091.00	1.51784	530614.00	4415312.00	0.50269
538946.00	4413223.00	0.18151	541693.00	4411996.00	0.10029

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: KUMULATI ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	528000.00	528500.00	529000.00	529500.00	530000.00
4425000.0	11.20344c(04122024)	15.23315c(04122024)	18.37225c(04122024)	19.47196c(04122024)	15.58034c(04122024)
4424500.0	11.72084c(04122024)	15.21105c(04122024)			

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14.77426c(04122024)     18.50792c(04120424)     20.86668c(04120424)
 4424000.0 |       6.76433c(04122024)     11.39677c(04122024)
10.10032c(04122024)     12.58928c(04120424)     18.65640c(04120424)
 4423500.0 |       2.66509c(04122024)       4.32105c(04122024)
9.63191 (04040824)     15.09185 (04040824)     15.82534 (04071924)
 4423000.0 |       1.49133c(04011224)       1.59052c(04011224)
3.09648 (04040824)     10.68926 (04040824)     10.06020 (04040824)
 4422500.0 |       1.53204c(04011224)       1.65657c(04011224)
1.68072c(04011224)       2.15172 (04040824)       3.74459 (04040824)
 4422000.0 |       1.50172c(04011224)       1.64691c(04011224)
1.73765c(04011224)       1.86618c(04011224)       2.04789c(04011224)
 4421500.0 |       1.42905c(04011224)       1.55490c(04011224)
1.69092c(04011224)       1.83021c(04011224)       1.96726c(04011224)
 4421000.0 |       1.32497c(04011224)       1.43964c(04011224)
1.56325c(04011224)       1.69222c(04011224)       1.82531c(04011224)
 4420500.0 |       1.40145 (04012624)       1.36602 (04012624)
1.43006c(04011224)       1.54583c(04011224)       1.67204c(04011224)
 4420000.0 |       1.65781 (04012624)       1.63362 (04012624)
1.60121 (04012624)       1.55308 (04012624)       1.51987c(04011224)
 4419500.0 |       1.94454 (04012624)       1.92829 (04012624)
1.91954 (04012624)       1.89741 (04012624)       1.85919 (04012624)
 4419000.0 |       2.23008 (04012624)       2.24255 (04012624)
2.25911 (04012624)       2.26071 (04012624)       2.26152 (04012624)
 4418500.0 |       2.55051 (04012624)       2.59162 (04012624)
2.62053 (04012624)       2.66575 (04012624)       2.65408 (04012624)
 4418000.0 |       2.88932 (04012624)       2.95179 (04012624)
3.07514 (04012624)       3.02078 (04012624)       3.01672 (04012624)
 4417500.0 |       3.02695 (04012324)       3.05811 (04012324)
3.16999 (04012624)       3.21156 (04012624)       3.10779 (04012624)
 4417000.0 |       2.75054 (04012324)       2.76235 (04012624)
2.91433 (04012624)       3.00831 (04012624)       2.98481 (04012624)
 4416500.0 |       2.39360 (04012624)       2.41264 (04012624)
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2.46446 (04012624)      2.51263 (04012624)      2.55026 (04012624)
 4416000.0 |       2.22994 (04011924)      2.46953 (04011024)
2.79205 (04011024)      2.98953 (04011024)      2.74868 (04011924)
 4415500.0 |       3.85449 (04011024)     21.53679 (04041324)
3.52916 (04011024)      2.94671 (04030824)      2.75038 (04011924)
 4415000.0 |      18.26921c(04102624)      7.11295 (04121624)
6.77986 (04062924)      3.23900 (04030824)      2.39484c(04122724)
 4414500.0 |      16.16408 (04121624)     42.56139 (04020424)
32.71058 (04020424)      9.43136 (04020424)      3.19441c(04122724)
 4414000.0 |      24.95034 (04020424)     18.33675 (04122224)
8.09388 (04020424)      3.55234c(04122724)      3.89421c(04122724)
 4413500.0 |       9.27574 (04020424)      8.23932 (04102124)
15.76247 (04092924)     18.74084 (04092924)      4.36578c(04122724)
 4413000.0 |      11.54354 (04102124)     20.53245 (04111324)
45.06743 (04092924)     25.18552 (04092924)      4.44118c(04122724)
 4412500.0 |      21.36267 (04111324)     38.30397 (04092924)
37.95028 (04111324)      4.28610c(04122724)      4.30891c(04122724)
 4412000.0 |      36.28166 (04111324)      9.62068 (04091324)
8.34416 (04092724)      4.05912c(04122724)      7.94106 (04092724)
 4411500.0 |      45.07196 (04111324)      4.72104 (04092724)
4.08635c(04122724)      3.85737c(04122724)      6.13612 (04101924)
 4411000.0 |      38.16696 (04092724)      4.55470 (04092724)
17.13498c(04042524)      7.73667 (04101924)      3.20477c(04122724)
 4410500.0 |       3.58871c(04122724)      6.86351 (04092724)
7.15482c(04042524)     10.89944 (04031124)      5.65108 (04031124)
 4410000.0 |       5.55672 (04092724)     12.29697 (04031124)
10.29679 (04031124)      4.53319 (04031124)      3.24313 (04031124)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: KUMULATI ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 530500.00	531000.00	531500.00	532000.00	532500.00
4425000.0	9.92424c(04122024)	9.13189 (04012724)	10.00340 (04012724)	21.87505 (04012724)	18.22297 (04012724)
4424500.0	13.25432c(04120424)	13.87032c(04122024)	11.89310 (04012724)	23.77980 (04012724)	31.74765 (04012724)
4424000.0	20.18682c(04120424)	18.26129c(04122024)	12.98312c(04122024)	19.66695 (04012724)	26.92978 (04011824)
4423500.0	23.55881c(04120424)	21.99301c(04122024)	14.66064c(04122024)	11.12259 (04012724)	24.43042 (04011824)

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 4423000.0 |     18.07525c(04120424)     22.82562c(04120424)
17.90797c(04120424)      4.57215 (04020324)     13.43127 (04011824)
 4422500.0 |     18.75925 (04040824)     20.71912 (04071924)
21.68437 (04071924)      6.26538 (04071924)      5.00955 (04011824)
 4422000.0 |     11.91041 (04040824)      8.14780 (04040824)
6.55363 (04071924)       3.76702 (04071924)      6.28493 (04071924)
 4421500.0 |      1.99780c(04011224)      2.19754c(04011224)
2.24230c(04011224)     12.64989 (04071924)      8.00768 (04071924)
 4421000.0 |      1.98530c(04011224)      2.06454c(04011224)
2.15079c(04011224)       9.32548 (04071924)      2.35502c(04011224)
 4420500.0 |      1.84521c(04011224)      1.93255c(04011224)
2.06305c(04011224)       2.29391c(04011224)      4.96163 (04071924)
 4420000.0 |      1.65570c(04011224)      1.79366c(04011224)
1.96552c(04011224)       2.21275c(04011224)      2.38402c(04011224)
 4419500.0 |      1.79437 (04012624)      1.69304 (04012624)
1.83833c(04011224)       2.05985c(04011224)      2.32618c(04011224)
 4419000.0 |      2.24023 (04012624)      2.18683 (04012624)
2.10658 (04012624)       5.09029 (04012424)      2.22296c(04011224)
 4418500.0 |      2.67281 (04012624)      2.69375 (04012624)
7.73008 (04011524)     23.47951 (04011524)     21.88034 (04011524)
 4418000.0 |      3.06918 (04012624)      3.50260 (04012624)
4.28350 (04012624)     12.54298 (04071124)     16.77068 (04012624)
 4417500.0 |      3.21881 (04012624)      3.79213 (04012624)
13.78364 (04110624)     98.85115 (04110624)     83.73342 (04110624)
 4417000.0 |      3.01843 (04012624)      4.45994 (04012624)
23.31438 (04012624)     19.71059 (04012624)     45.16416 (04030224)
 4416500.0 |      2.55943 (04012624)      5.20798 (04070224)
45.34736 (04041324)     62.16588 (04123124)     68.88588 (04122224)
 4416000.0 |      2.74239 (04011924)      3.33762 (04030824)
72.70689 (04030824)     57.38591 (04122224)     46.61399 (04122224)
 4415500.0 |      2.54254 (04011924)      8.99303 (04062924)
31.04110 (04020424)     33.99843 (04121024)     48.82468 (04121024)
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 4415000.0 |      2.81456c(04122724)      3.47037c(04122724)
46.27001 (04092924)     57.81762 (04111324)     60.65997 (04031124)
 4414500.0 |      3.70732c(04122724)      8.09939 (04092924)
89.90020 (04111324)     52.40710 (04031124)     36.01355 (04031124)
 4414000.0 |      4.30178c(04122724)     13.52085 (04091324)
68.99747 (04092724)     38.39152 (04031124)     22.54012 (04031124)
 4413500.0 |      4.53325c(04122724)     47.40788 (04092724)
29.15954c(04042524)     22.32889 (04031124)     10.36236 (04111224)
 4413000.0 |     15.01750 (04092724)     23.99841 (04031124)
19.15851 (04031124)      7.96009 (04031124)     10.51118 (04111224)
 4412500.0 |     21.89518c(04042524)     12.87184 (04031124)
11.25874 (04031124)      5.86680 (04111224)      7.36492 (04111224)
 4412000.0 |     12.24715 (04031124)     11.39935 (04031124)
6.79199 (04111224)     11.98795 (04111224)     12.30390 (04123124)
 4411500.0 |      8.73895 (04031124)      4.30451 (04031124)
7.22057 (04111224)      8.91973 (04111224)      7.66441 (04082724)
 4411000.0 |      5.43728 (04031124)      4.17541 (04111224)
6.33836 (04111224)     13.48867 (04123124)      5.66758 (04073024)
 4410500.0 |      4.48310 (04111224)      6.99469 (04111224)
7.04328 (04111224)      7.20784 (04082724)     32.52389 (04123124)
 4410000.0 |      5.92886 (04111224)      8.10521 (04111224)
8.25666 (04123124)     12.27256 (04123124)     20.49077 (04073024)
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                     ***         10/27/11
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 **MODELOPTs:  RegDFAULT CONC
  ELEV
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: KUMULATI ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	533000.00	533500.00	534000.00	534500.00	535000.00
4425000.0	29.45423 (04012724)	17.64468 (04040624)	3.45188 (04040624)	1.89735 (04120224)	6.51480 (04021924)
4424500.0	30.86301 (04012724)	14.29016 (04040624)	1.61177 (04012724)	1.59977 (04112724)	2.76660 (04012024)
4424000.0	29.62246 (04012724)	18.37594 (04040624)	1.62266c(04011224)	1.63857 (04011124)	2.09131 (04112724)
4423500.0	50.86529 (04011824)	11.03881 (04011824)	1.66791c(04011224)	1.70515 (04011124)	2.03133 (04112724)
4423000.0	33.60065 (04011824)	12.99420 (04011824)	1.74009c(04011224)	1.77787 (04011124)	2.02521 (04112724)
4422500.0	8.83092 (04011824)	3.40188 (04011824)	2.06069 (04011824)	1.85642 (04011124)	2.05634 (04011124)
4422000.0	2.89320 (04011824)	2.36289 (04011824)			

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1.93491c(04011224)      1.94208 (04011124)      2.21030 (04112024)
 4421500.0 |       2.25852c(04011224)       2.43427 (04011824)
2.07785 (04011824)      2.03218 (04011124)      2.51678 (04112024)
 4421000.0 |       2.33650c(04011224)       2.48419 (04011824)
2.27565 (04011824)      2.10472c(04011224)      2.86766 (04112024)
 4420500.0 |       2.46753c(04011224)       2.46318 (04011824)
2.49015 (04011824)      2.32488c(04011224)      3.42532 (04041424)
 4420000.0 |       2.53209c(04011224)       2.69329c(04011224)
2.68941 (04011824)      3.22969 (04011824)      4.09953 (04041424)
 4419500.0 |       2.63684c(04011224)       2.90091c(04011224)
2.96107c(04011224)      5.47259 (04011824)      5.78139 (04040624)
 4419000.0 |       2.71246c(04011224)       4.31003 (04040824)
3.11735c(04011224)     10.60149 (04011824)      7.80609 (04040624)
 4418500.0 |      50.73880 (04012424)       9.55627 (04031024)
3.09819c(04011224)      4.02963 (04020324)      9.54462 (04040624)
 4418000.0 |      29.21976 (04012624)      36.69840 (04012524)
19.79324 (04012424)      4.15374 (04061324)      7.75318 (04041024)
 4417500.0 |    109.30907 (04012624)    122.63233 (04012624)
226.96661 (04110624)     52.61033 (04112924)     10.00876 (04060424)
 4417000.0 |      71.85553 (04030224)      93.23502 (04123124)
48.59294 (04062924)      78.44013 (04092924)      27.37936 (04070424)
 4416500.0 |      80.22975 (04122224)      47.80588 (04020424)
59.93463 (04092924)      12.72654 (04070524)      19.83950 (04070824)
 4416000.0 |      61.08465 (04111324)     146.86062 (04092724)
8.78084 (04090624)      11.70162 (04070424)      11.40046 (04070824)
 4415500.0 |      77.70421 (04111324)      22.09302c(04042524)
5.91081 (04070924)      10.03346 (04070924)      7.47640 (04090524)
 4415000.0 |      34.81298c(04042524)       3.39528 (04070424)
8.14968 (04070924)      7.94645 (04070824)      6.34499 (04090524)
 4414500.0 |      4.46556 (04031124)       4.98463 (04101324)
8.29424 (04101324)      6.50356 (04073024)      5.43259 (04090524)
 4414000.0 |      8.95857 (04111224)      26.43792 (04123124)
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7.36053 (04073024) 4.88821 (04073024) 4.79097 (04090524)
 4413500.0 | 20.20718 (04111224) 57.32485 (04123124)
6.58124 (04073024) 3.75263 (04073024) 4.31389 (04090524)
 4413000.0 | 14.36432 (04123124) 22.49535 (04073024)
8.28343 (04073024) 3.11124 (04090524) 3.96410 (04090524)
 4412500.0 | 9.60973 (04061424) 7.30805 (04073024)
4.14184 (04073024) 3.03285 (04090524) 3.74237 (04090524)
 4412000.0 | 9.50222 (04073024) 4.21955 (04073024)
3.10778 (04073024) 2.90650 (04090524) 3.41193 (04090524)
 4411500.0 | 8.89824 (04073024) 3.54743 (04073024)
2.80237 (04073024) 6.78880 (04090524) 3.72591 (04090524)
 4411000.0 | 8.51274 (04073024) 5.62200 (04111024)
8.90982 (04111124) 7.44778 (04090524) 3.99545 (04090524)
 4410500.0 | 20.10699 (04111024) 26.95073 (04111124)
12.82585 (04111124) 7.18865 (04090524) 7.35967 (04110824)
 4410000.0 | 49.54048 (04111124) 29.17368 (04111124)
6.61245 (04111124) 8.79652 (04110824) 17.29930 (04110824)
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/27/11
 ***
 *** 00:33:48

 PAGE 24

 **MODELOPTs: RegDFAULT CONC
 ELEV

 *** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: KUMULATI ***
 INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** NETWORK ID: PALZF000 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)					
	535500.00		536000.00		536500.00	
	537000.00		537500.00			
4425000.0	2.00147	(04112724)	1.64183	(04120724)	1.81418	(04120724)
	2.25589	(04021524)	5.29750	(04012124)		
4424500.0	2.10592	(04112724)	1.68059	(04120724)	1.89070	(04021524)
	2.59035	(04021524)	3.23930	(04021524)		
4424000.0	2.08506	(04112724)	1.70772	(04011124)	2.12244	(04021524)
	3.05220	(04021524)	3.63706	(04021524)		
4423500.0	2.07485	(04112724)	1.78278	(04011124)	2.63777	(04021524)
	3.56940	(04021524)	4.04419	(04021524)		
4423000.0	2.08691	(04112724)	1.98483	(04112024)	3.16370	(04021524)
	4.28277	(04021524)	4.35378	(04021524)		
4422500.0	2.30465	(04112024)	2.45063	(04021524)	3.99559	(04021524)
	4.89128	(04021524)	4.46442	(04021524)		
4422000.0	2.63019	(04112024)	2.82665	(04021524)	4.73949	(04021524)
	5.89388	(04021524)	4.17747	(04021524)		
4421500.0	3.08301	(04112024)	3.60967	(04021524)	5.98497	(04021524)
	5.71053	(04021524)	3.51186	(04021524)		
4421000.0	3.63600	(04112024)	5.12778	(04021524)	6.89172	(04021524)
	5.34468	(04021524)	2.75888	(04021224)		

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 4420500.0 |      4.41459 (04112024)      6.44191 (04021524)
7.67419 (04021524)      4.61672 (04021224)      1.86722 (04010224)
 4420000.0 |      5.33977 (04112024)      8.63631 (04021224)
7.57164 (04021224)      3.49913 (04021224)      2.31786 (04053124)
 4419500.0 |      7.53126 (04092524)     12.82780 (04021324)
6.78211 (04021324)      2.89276 (04050724)      3.87975 (04012224)
 4419000.0 |      8.73774 (04021224)     14.53456 (04021324)
4.50983 (04050724)      4.88845 (04012224)      4.28204 (04012224)
 4418500.0 |     16.23658 (04021324)      7.75541 (04021324)
7.08802 (04050724)      5.83222 (04051224)      5.55862 (04051224)
 4418000.0 |     10.34218 (04022624)     10.69068 (04060124)
13.18635 (04051224)      9.25519 (04051224)      5.98364 (04051224)
 4417500.0 |      3.34926 (04060724)     11.71983 (04082924)
9.90910 (04051424)      7.36367 (04021024)      5.54837 (04021024)
 4417000.0 |      7.86643 (04051524)      7.20040 (04051524)
6.18602 (04021024)      5.52399 (04021024)      4.24098 (04021024)
 4416500.0 |      8.72074 (04060924)     12.28500 (04051524)
6.26436 (04051524)      3.10106 (04021024)      9.86974 (04022124)
 4416000.0 |      6.61617 (04062424)      7.21524 (04041624)
7.68661 (04051524)      4.30465 (04051524)      1.76491 (04051524)
 4415500.0 |      4.76846 (04062424)      7.35329 (04041624)
5.33748 (04051524)      5.45411 (04051524)      3.23104 (04051524)
 4415000.0 |      4.17151 (04090524)      5.94629 (04090924)
5.39448 (04041624)      4.17877 (04051524)      3.89658 (04051524)
 4414500.0 |      3.80236 (04090524)      4.62032 (04090924)
5.41053 (04041624)      3.25838 (04041624)      3.40358 (04051524)
 4414000.0 |      3.47190 (04090524)      3.48176 (04090924)
4.82546 (04090924)      3.88556 (04041624)      3.10507 (04112224)
 4413500.0 |      3.24058 (04090524)      2.80212 (04090924)
4.20371 (04090924)      3.98575 (04041624)      2.43078 (04041624)
 4413000.0 |      3.00120 (04090524)      5.39432 (04110824)
3.46212 (04090924)      3.77613 (04090924)      2.88646 (04041624)
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 4412500.0 | 2.78755 (04090524)   1.78162 (04090924)
2.87463 (04090924)   3.40926 (04090924)   2.93925 (04041624)
 4412000.0 | 2.63390 (04090524)   1.39263 (04090524)
2.40749 (04090924)   3.05079 (04090924)   2.87368 (04090924)
 4411500.0 | 2.53607 (04090524)   1.40598 (04090524)
2.01147 (04090924)   2.63657 (04090924)   2.76125 (04090924)
 4411000.0 | 14.25118 (04110824)   1.42423 (04090524)
1.59689 (04090924)   2.38692 (04090924)   2.57298 (04090924)
 4410500.0 | 2.98251 (04110824)   1.43175 (04090524)
1.33731 (04090924)   2.06477 (04090924)   2.40683 (04090924)
 4410000.0 | 4.98557 (04110824)   1.44530 (04090524)
1.13941 (04090924)   1.78666 (04090924)   2.21986 (04090924)

 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: KUMULATI ***
                                   INCLUDING SOURCE(S):   BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

                                    *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

                                         ** CONC OF CO   IN

MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)		
	538000.00	538500.00	539000.00
4425000.0	3.30200 (04021524)	3.11344 (04122624)	2.78745 (04122624)
4424500.0	6.24587 (04021524)	2.98994 (04021524)	2.37794 (04122624)
4424000.0	8.15301 (04022624)	2.97898 (04021524)	2.24086 (04122624)
4423500.0	9.54751 (04111924)	8.10540 (04111924)	2.16536 (04122624)
4423000.0	6.70530 (04111924)	2.32995 (04122624)	2.37758 (04052824)
4422500.0	2.90017 (04021524)	2.16117 (04070524)	2.67858 (04070524)
4422000.0	2.24105 (04021524)	1.67729 (04070524)	1.64689 (04010224)
4421500.0	1.75865 (04010224)	1.75368 (04010224)	1.93631 (04010424)
4421000.0	1.83049 (04010224)	1.98027 (04010424)	2.56993 (04010524)
4420500.0	2.04889 (04010424)	2.85767 (04010524)	3.34784 (04010524)
4420000.0	3.21624 (04010524)	3.55189 (04010524)	3.17000 (04010524)
4419500.0	5.35249 (04010824)	3.14193 (04060124)	

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3.13309 (04010424)      6.47941 (04021124)      5.79202 (04032524)
 4419000.0 |       3.52669 (04060124)      4.84939 (04021124)
5.61436 (04032524)     12.05282 (04051124)     14.37802 (04022624)
 4418500.0 |       4.79925 (04051224)      4.01483 (04051224)
3.47866 (04022024)      9.39636 (04022624)      6.50337 (04022624)
 4418000.0 |       4.21133 (04051424)      3.50887 (04051424)
2.85003 (04051424)      8.73782 (04061924)     13.84896 (04061924)
 4417500.0 |       4.34758 (04021024)     31.39026 (04062024)
8.39451 (04082924)     20.34113 (04062024)     24.41012 (04022224)
 4417000.0 |       3.35311 (04021024)     13.06219 (04091024)
9.91457 (04122624)     17.13556 (04122524)     18.45262 (04022024)
 4416500.0 |      18.84954 (04082424)     20.58125 (04082924)
14.65823 (04050624)     10.84005 (04050624)      9.24165 (04100924)
 4416000.0 |       2.52725 (04060524)     14.33119 (04092024)
14.81438 (04122924)     15.37734 (04101024)     13.61152 (04050624)
 4415500.0 |       1.57723 (04042324)      1.53560 (04022924)
7.19502 (04061024)      9.90124 (04022924)     17.42431 (04092024)
 4415000.0 |       2.52688 (04051524)      1.39918 (04042324)
1.00289 (04122924)      2.54784 (04022924)      6.18258 (04060524)
 4414500.0 |       3.10317 (04112224)      2.13285 (04051524)
1.24316 (04042324)      0.85151 (04122924)      0.98156 (04122924)
 4414000.0 |       3.57867 (04112224)      3.04984 (04112224)
1.82590 (04112224)      1.11289 (04042324)      0.78984 (04042324)
 4413500.0 |       2.97643 (04112224)      3.53616 (04112224)
2.91792 (04112224)      1.77129 (04112224)      1.00721 (04042324)
 4413000.0 |       2.11311 (04112224)      3.22936 (04112224)
3.32364 (04112224)      2.66904 (04112224)      1.68500 (04112224)
 4412500.0 |       2.00257 (04041624)      2.28100 (04112224)
2.94940 (04112224)      3.05305 (04112224)      2.43406 (04112224)
 4412000.0 |       2.22953 (04041624)      1.66765 (04112224)
2.41145 (04112224)      2.93386 (04112224)      2.90132 (04112224)
 4411500.0 |       2.27237 (04090924)      1.65948 (04041624)
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1.85294 (04112224) 2.49239 (04112224) 2.84614 (04112224)
 4411000.0 | 2.32668 (04090924) 1.75962 (04090924)
1.39893 (04112224) 2.01431 (04112224) 2.54342 (04112224)
 4410500.0 | 2.30680 (04090924) 1.88948c(04121424)
1.39240 (04090424) 1.61999 (04112224) 2.14582 (04112224)
 4410000.0 | 2.24501 (04090924) 2.00622c(04121424)
1.53595c(04121424) 1.25826 (04112224) 1.73253 (04112224)
 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
 *** 10/27/11
 ***
 *** 00:33:48

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 **MODELOPTs: RegDFAULT CONC
  ELEV

 *** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: KUMULATI ***
 INCLUDING SOURCE(S): BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

 *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD
(METERS)
  (METERS) | 540500.00 541000.00

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541500.00               542000.00               542500.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 4425000.0 |      2.48828 (04021324)      1.55984c(04011224)
2.93238 (04100824)     14.26574c(04011224)     13.79634 (04100824)
 4424500.0 |      2.07616 (04021324)      1.97143c(04011224)
10.31619c(04011224)     14.04253 (04100824)     19.22426 (04012824)
 4424000.0 |      2.21767 (04050724)      6.99402 (04100824)
10.82163 (04100824)     16.48836 (04012824)     15.60807 (04012824)
 4423500.0 |      3.87825 (04093024)      5.64478 (04100824)
9.65888 (04012824)     12.24135 (04012824)     14.11696 (04021124)
 4423000.0 |      2.93438 (04011624)      4.08671 (04012824)
5.95767 (04050624)      4.83992 (04010824)      4.50778 (04010824)
 4422500.0 |      2.57018 (04010824)      4.05438 (04010824)
3.63247 (04010824)      3.73907 (04010824)      7.38871 (04010824)
 4422000.0 |      2.60815 (04010824)      2.89693 (04010824)
2.69795 (04010824)      6.59187 (04010824)      7.99348 (04010824)
 4421500.0 |      2.72450 (04010524)      3.00437 (04010824)
4.89296 (04010824)      5.24294 (04010824)      9.77059c(04100124)
 4421000.0 |      2.82326 (04010824)      3.10305 (04010824)
6.03797c(04100124)     22.54495c(04100124)     17.91991c(04122024)
 4420500.0 |      2.75726 (04010424)      4.42039 (04021124)
24.00904c(04100124)     24.39351c(04122024)     19.99034c(04122024)
 4420000.0 |      5.35099 (04021124)     16.00832 (04021124)
31.67574c(04100124)     23.69258c(04122024)     27.35742c(04122024)
 4419500.0 |      9.56090 (04051124)     17.35161 (04040524)
36.97645c(04100124)     31.09638c(04100124)     26.65424c(04100124)
 4419000.0 |     18.35571 (04022624)     16.51735 (04022624)
18.37475c(04100124)     19.22727c(04122024)     15.49009c(04122024)
 4418500.0 |      6.25774c(04100124)      8.98162c(04100124)
14.49125c(04100124)      9.65431c(04122024)     10.22470c(04122024)
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 4418000.0 |     13.63757 (04061924)     13.47315 (04122524)
12.85734 (04101724)     11.09442c(04122024)     10.02333c(04122024)
 4417500.0 |     18.86810 (04022024)     17.31232 (04022024)
15.30393 (04022024)     14.37389 (04022024)     13.71807 (04022024)
 4417000.0 |     17.37379 (04022024)     14.76292 (04120524)
15.43990 (04050924)     14.36291 (04022024)     13.88110 (04050924)
 4416500.0 |      9.29397 (04022024)     10.47103 (04022024)
10.28841 (04022024)     10.12813 (04050924)     10.18049 (04050924)
 4416000.0 |     10.48473 (04050624)      8.55597 (04082924)
6.18224 (04101024)      4.08265 (04101024)      6.36743 (04100924)
 4415500.0 |     12.87898 (04092024)     12.24004 (04082924)
14.51609 (04082924)      9.83844 (04050624)      7.64337 (04050624)
 4415000.0 |      8.58200 (04092024)     10.43557 (04092024)
16.64398 (04092024)     10.06794 (04122924)      9.75901 (04050624)
 4414500.0 |      1.01163 (04122924)      2.93242 (04060524)
5.70251 (04022924)      6.48563 (04061024)      7.88582 (04092024)
 4414000.0 |      0.80479 (04122924)      0.91904 (04122924)
2.05724 (04060524)      5.22301 (04022924)      6.64974 (04060524)
 4413500.0 |      0.75229 (04042324)      0.71942 (04122924)
0.77509 (04122924)      0.87772 (04122924)      1.91940 (04060524)
 4413000.0 |      0.92194 (04042324)      0.71642 (04042324)
0.64408 (04122924)      0.69032 (04122924)      0.73954 (04122924)
 4412500.0 |      1.70212 (04112224)      0.92391 (04112224)
0.68336 (04042324)      0.58085 (04122924)      0.61981 (04122924)
 4412000.0 |      2.40308 (04112224)      1.61956 (04112224)
0.97252 (04112224)      0.65304 (04042324)      0.52767 (04122924)
 4411500.0 |      2.87576 (04112224)      2.35515 (04112224)
1.55889 (04112224)      0.96194 (04112224)      0.62679 (04042324)
 4411000.0 |      2.77304 (04112224)      2.58570 (04112224)
2.09973 (04112224)      1.51567 (04112224)      0.99560 (04112224)
 4410500.0 |      2.53803 (04112224)      2.65188 (04112224)
2.46261 (04112224)      2.01394 (04112224)      1.48568 (04112224)
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 4410000.0 | 2.21652 (04112224)   2.50720 (04112224)
2.58757 (04112224)   2.34148 (04112224)   1.92488 (04112224)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/27/11
                                  ***
                                  ***   00:33:48

                                             PAGE 27
 **MODELOPTs: RegDFAULT CONC
  ELEV

                               *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: KUMULATI ***
                                  INCLUDING SOURCE(S):   BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

                                  *** NETWORK ID: PALZF000 ; NETWORK
TYPE: GRIDCART ***

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

  Y-COORD | X-COORD
(METERS)
  (METERS) | 543000.00
 -
- -

 4425000.0 | 19.16774 (04010424)
 4424500.0 | 20.91432 (04012824)

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4424000.0 |     12.30032 (04012824)
4423500.0 |      6.52688 (04021124)
4423000.0 |     10.38829 (04010824)
4422500.0 |      2.08344 (04010424)
4422000.0 |     13.03422c(04122024)
4421500.0 |     16.09493c(04122024)
4421000.0 |     10.34779c(04122024)
4420500.0 |     18.60732c(04122024)
4420000.0 |     24.21085c(04122024)
4419500.0 |     23.62007c(04100124)
4419000.0 |     12.55148c(04122024)
4418500.0 |      6.97491c(04122024)
4418000.0 |      9.59342c(04122024)
4417500.0 |     13.65229 (04022024)
4417000.0 |     13.56334 (04022024)
4416500.0 |     10.43005 (04022024)
4416000.0 |      5.25365 (04120524)
4415500.0 |      6.07047 (04122924)
4415000.0 |      9.38116 (04050624)
4414500.0 |      8.83965 (04050624)
4414000.0 |      7.45513 (04092024)
4413500.0 |      4.57482 (04060524)
4413000.0 |      0.79290 (04122924)
4412500.0 |      0.65498 (04122924)
4412000.0 |      0.56186 (04122924)
4411500.0 |      0.51972 (04042324)
4411000.0 |      0.63160 (04112224)
4410500.0 |      1.04478 (04112224)
4410000.0 |      1.50185 (04112224)
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
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**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: KUMULATI ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
537268.00	4419321.00	4.08553	(04012224)
533288.00	4420664.00	2.42423c	(04011224)
530873.00	4418253.00	2.92884	(04012624)
532253.00	4419045.00	2.09883c	(04011224)
534268.00	4421987.00	1.87320c	(04011224)
536366.00	4419557.00	9.02608	(04021324)
534987.00	4418091.00	7.75540	(04041024)
530614.00	4415312.00	2.35655c	(04122724)
538946.00	4413223.00	3.26566	(04112224)

541693.00   4411996.00   0.78278 (04112224)
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                   ***   10/27/11
                                  ***
                                  ***   00:33:48

 **MODELOPTs: RegDFAULT CONC
  ELEV

                                *** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: KUMULATI ***
                                  INCLUDING SOURCE(S):   BACA1A   ,
BACA1B   , ON.ISIT., CALIK1   , CALIK2   , CALIK3   ,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE
 -
- -
    1.   226.96661 (04110624) AT (534000.00, 4417500.00) GC
41.   83.73342 (04110624) AT (532500.00, 4417500.00) GC
    2.   157.80758 (04112924) AT (534000.00, 4417500.00) GC
42.   83.19228 (04042024) AT (534000.00, 4417500.00) GC
    3.   146.86062 (04092724) AT (533500.00, 4416000.00) GC
43.   82.84986 (04121324) AT (534000.00, 4417500.00) GC
    4.   142.80514 (04021724) AT (534000.00, 4417500.00) GC
44.   82.65397c(04020224) AT (533500.00, 4417500.00) GC

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    5.     127.02736 (04111324) AT ( 533500.00, 4416000.00)  GC
45.       81.39662 (04012624) AT ( 532500.00, 4417500.00)  GC
    6.     122.63233 (04012624) AT ( 533500.00, 4417500.00)  GC
46.       80.56973 (04041324) AT ( 533500.00, 4417000.00)  GC
    7.     120.08110 (04110624) AT ( 533500.00, 4417500.00)  GC
47.       80.31572 (04111424) AT ( 533500.00, 4416000.00)  GC
    8.     119.30632 (04091324) AT ( 533500.00, 4416000.00)  GC
48.       80.22975 (04122224) AT ( 533000.00, 4416500.00)  GC
    9.     116.96771 (04091624) AT ( 533500.00, 4416000.00)  GC
49.       79.45694 (04103024) AT ( 533500.00, 4416000.00)  GC
   10.     113.82105 (04102924) AT ( 533500.00, 4416000.00)  GC
50.       79.23598 (04080324) AT ( 534000.00, 4417500.00)  GC
   11.     113.14256 (04012624) AT ( 534000.00, 4417500.00)  GC
51.       78.44013 (04092924) AT ( 534500.00, 4417000.00)  GC
   12.     112.79106 (04012524) AT ( 534000.00, 4417500.00)  GC
52.       77.70421 (04111324) AT ( 533000.00, 4415500.00)  GC
   13.     111.69197 (04021624) AT ( 534000.00, 4417500.00)  GC
53.       77.68219 (04021624) AT ( 533500.00, 4417500.00)  GC
   14.     110.60449 (04092924) AT ( 533500.00, 4416000.00)  GC
54.       75.41603 (04112924) AT ( 533500.00, 4417500.00)  GC
   15.     109.30907 (04012624) AT ( 533000.00, 4417500.00)  GC
55.       75.22665 (04102224) AT ( 533500.00, 4416000.00)  GC
   16.     107.53199c(04110124) AT ( 533500.00, 4416000.00)  GC
56.       75.17068 (04092924) AT ( 531500.00, 4414500.00)  GC
   17.     107.37846 (04092024) AT ( 533500.00, 4416000.00)  GC
57.       74.89674 (04111224) AT ( 533500.00, 4416000.00)  GC
   18.     107.24045 (04102524) AT ( 533500.00, 4416000.00)  GC
58.       73.94198c(04010324) AT ( 534000.00, 4417500.00)  GC
   19.     103.34696 (04121224) AT ( 534000.00, 4417500.00)  GC
59.       72.92881 (04020424) AT ( 533500.00, 4417000.00)  GC
   20.      98.85115 (04110624) AT ( 532000.00, 4417500.00)  GC
60.       72.89743c(04110124) AT ( 531500.00, 4414500.00)  GC
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   21.      97.26256 (04083124) AT ( 533500.00, 4416000.00)  GC
61.       72.70689 (04030824) AT ( 531500.00, 4416000.00)  GC
   22.      96.97791 (04102424) AT ( 533500.00, 4416000.00)  GC
62.       72.42707 (04121224) AT ( 533500.00, 4417500.00)  GC
   23.      96.14469c(04020224) AT ( 534000.00, 4417500.00)  GC
63.       71.91382 (04020424) AT ( 531500.00, 4416000.00)  GC
   24.      93.24157 (04091424) AT ( 533500.00, 4416000.00)  GC
64.       71.85553 (04030224) AT ( 533000.00, 4417000.00)  GC
   25.      93.23502 (04123124) AT ( 533500.00, 4417000.00)  GC
65.       71.07573 (04083024) AT ( 533500.00, 4416000.00)  GC
   26.      93.16035 (04090824) AT ( 533500.00, 4416000.00)  GC
66.       70.44273 (04090924) AT ( 533500.00, 4416000.00)  GC
   27.      92.59300 (04012524) AT ( 533500.00, 4417500.00)  GC
67.       70.23214 (04041124) AT ( 534000.00, 4417500.00)  GC
   28.      92.21751 (04030224) AT ( 533500.00, 4417000.00)  GC
68.       69.59390 (04031124) AT ( 533000.00, 4415500.00)  GC
   29.      90.77104 (04110224) AT ( 533500.00, 4416000.00)  GC
69.       69.30337 (04011024) AT ( 533500.00, 4417000.00)  GC
   30.      89.91067 (04092124) AT ( 533500.00, 4416000.00)  GC
70.       69.06438 (04031224) AT ( 533000.00, 4415500.00)  GC
   31.      89.90020 (04111324) AT ( 531500.00, 4414500.00)  GC
71.       68.99747 (04092724) AT ( 531500.00, 4414000.00)  GC
   32.      88.20849 (04092624) AT ( 533500.00, 4416000.00)  GC
72.       68.99492 (04100224) AT ( 533500.00, 4416000.00)  GC
   33.      87.12185 (04020524) AT ( 534000.00, 4417500.00)  GC
73.       68.91553c(04010324) AT ( 533500.00, 4417500.00)  GC
   34.      86.66529 (04030224) AT ( 534000.00, 4417500.00)  GC
74.       68.88588 (04122224) AT ( 532500.00, 4416500.00)  GC
   35.      86.61538 (04042024) AT ( 533500.00, 4417500.00)  GC
75.       68.82131 (04122224) AT ( 533500.00, 4417000.00)  GC
   36.      85.41339 (04052224) AT ( 533500.00, 4416000.00)  GC
76.       68.76356 (04102024) AT ( 533500.00, 4417000.00)  GC
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37. 84.46366 (04101524) AT (533500.00, 4416000.00) GC
77. 68.30596 (04082124) AT (533500.00, 4417000.00) GC
38. 84.44175 (04021724) AT (533500.00, 4417500.00) GC
78. 68.21728 (04110524) AT (534000.00, 4417500.00) GC
39. 83.94268 (04042024) AT (533000.00, 4417500.00) GC
79. 68.19387 (04012424) AT (534000.00, 4417500.00) GC
40. 83.85875 (04061324) AT (533500.00, 4416000.00) GC
80. 68.05798 (04030224) AT (532500.00, 4416500.00) GC

 *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED
*** 10/27/11
*** 00:33:48

PAGE 30

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: KUMULATI ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
81.	68.01485	(04110724)	AT	(533500.00, 4416000.00)	GC						

121. 59.97331 (04123024) AT (533500.00, 4416000.00) GC
82. 67.64100 (04103124) AT (533500.00, 4416000.00) GC
122. 59.93463 (04092924) AT (534000.00, 4416500.00) GC
83. 67.25044c(04042524) AT (533500.00, 4416000.00) GC
123. 59.76887 (04121324) AT (533500.00, 4417500.00) GC
84. 66.44976 (04030224) AT (533000.00, 4416500.00) GC
124. 59.69506 (04021724) AT (532000.00, 4417500.00) GC
85. 66.14092 (04072924) AT (534000.00, 4417500.00) GC
125. 59.58742 (04123124) AT (533000.00, 4416500.00) GC
86. 65.55379 (04032124) AT (534000.00, 4417500.00) GC
126. 59.43539 (04060724) AT (533500.00, 4416000.00) GC
87. 65.33911 (04090224) AT (533500.00, 4416000.00) GC
127. 59.25278 (04110924) AT (533500.00, 4417000.00) GC
88. 65.25716 (04110624) AT (533500.00, 4416000.00) GC
128. 59.00556 (04042024) AT (532500.00, 4417500.00) GC
89. 65.03081 (04102424) AT (533000.00, 4415500.00) GC
129. 58.75487 (04082224) AT (533000.00, 4417500.00) GC
90. 64.90092 (04102924) AT (531500.00, 4414000.00) GC
130. 58.49881 (04030124) AT (531500.00, 4416000.00) GC
91. 64.86789 (04092724) AT (531500.00, 4414500.00) GC
131. 58.07339 (04123124) AT (532500.00, 4416500.00) GC
92. 64.40506 (04072724) AT (533500.00, 4416000.00) GC
132. 57.81762 (04111324) AT (532000.00, 4415000.00) GC
93. 64.31692c(04121924) AT (533000.00, 4416500.00) GC
133. 57.76796 (04092924) AT (533000.00, 4416000.00) GC
94. 63.90786 (04071324) AT (533500.00, 4417000.00) GC
134. 57.69522 (04101624) AT (533500.00, 4416000.00) GC
95. 63.68573 (04102524) AT (531500.00, 4414000.00) GC
135. 57.63309 (04030224) AT (533500.00, 4417500.00) GC
96. 63.34273 (04101724) AT (533500.00, 4416000.00) GC
136. 57.53626 (04030924) AT (533500.00, 4417000.00) GC
97. 63.17432 (04092824) AT (531500.00, 4416000.00) GC

137. 57.53126 (04092224) AT (533000.00, 4415500.00) GC
98. 63.11905 (04012524) AT (532500.00, 4417500.00) GC
138. 57.40447c(04042524) AT (531500.00, 4414000.00) GC
99. 62.99904 (04041224) AT (533500.00, 4416000.00) GC
139. 57.38591 (04122224) AT (532000.00, 4416000.00) GC
100. 62.96830 (04101224) AT (534000.00, 4417500.00) GC
140. 57.34374 (04092124) AT (534500.00, 4417000.00) GC
101. 62.84368 (04011924) AT (533500.00, 4417500.00) GC
141. 57.32485 (04123124) AT (533500.00, 4413500.00) GC
102. 62.16588 (04123124) AT (532000.00, 4416500.00) GC
142. 57.09750 (04021724) AT (532500.00, 4417500.00) GC
103. 61.78415 (04103124) AT (533500.00, 4417000.00) GC
143. 56.85026 (04102124) AT (533000.00, 4415500.00) GC
104. 61.78292 (04101524) AT (531500.00, 4414500.00) GC
144. 56.72167 (04030324) AT (531500.00, 4416000.00) GC
105. 61.60649 (04102324) AT (533500.00, 4416000.00) GC
145. 55.97190 (04082224) AT (533500.00, 4417500.00) GC
106. 61.45975 (04091924) AT (533500.00, 4416000.00) GC
146. 55.96464 (04042724) AT (534000.00, 4417500.00) GC
107. 61.31173 (04011924) AT (534000.00, 4417500.00) GC
147. 55.82215 (04090124) AT (531500.00, 4416000.00) GC
108. 61.24503 (04102724) AT (533500.00, 4417000.00) GC
148. 55.79784 (04101524) AT (533000.00, 4416000.00) GC
109. 61.16542 (04042624) AT (533500.00, 4416000.00) GC
149. 55.74904 (04091624) AT (531500.00, 4414500.00) GC
110. 61.11865c(04102624) AT (531500.00, 4416000.00) GC
150. 55.74146 (04021824) AT (533500.00, 4417000.00) GC
111. 61.08465 (04111324) AT (533000.00, 4416000.00) GC
151. 55.68283 (04082824) AT (533500.00, 4416000.00) GC
112. 61.08402 (04071124) AT (534000.00, 4417500.00) GC
152. 55.67749 (04092024) AT (531500.00, 4414500.00) GC
113. 61.02774 (04112324) AT (534000.00, 4417500.00) GC

153. 55.61001 (04032324) AT (533500.00, 4416000.00) GC
114. 60.98462 (04080424) AT (533500.00, 4416000.00) GC
154. 55.56494 (04060924) AT (534000.00, 4417500.00) GC
115. 60.74846 (04112924) AT (532000.00, 4417500.00) GC
155. 55.52604 (04021824) AT (533000.00, 4416500.00) GC
116. 60.65997 (04031124) AT (532500.00, 4415000.00) GC
156. 55.12693 (04012624) AT (532000.00, 4417500.00) GC
117. 60.54116 (04071224) AT (533500.00, 4416000.00) GC
157. 55.08311c(04020224) AT (532500.00, 4417500.00) GC
118. 60.23683 (04121624) AT (533500.00, 4416000.00) GC
158. 54.71662 (04092024) AT (531500.00, 4414000.00) GC
119. 60.11527c(04110124) AT (533000.00, 4415500.00) GC
159. 54.68906 (04102424) AT (531500.00, 4414000.00) GC
120. 60.07908 (04102424) AT (531500.00, 4414500.00) GC
160. 54.68577c(04122424) AT (531500.00, 4416000.00) GC

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: KUMULATI ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

** CONC OF CO IN

MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE		RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	
161.	54.53308	(04101624)	AT (533000.00, 4415500.00)	GC					
201.	50.47792	(04020524)	AT (533500.00, 4417500.00)	GC					
162.	54.40944	(04041324)	AT (532000.00, 4416500.00)	GC					
202.	50.42475	(04092724)	AT (534000.00, 4416500.00)	GC					
163.	54.31121	(04030224)	AT (532000.00, 4416500.00)	GC					
203.	50.40693	(04102224)	AT (533000.00, 4416000.00)	GC					
164.	54.15567	(04020424)	AT (533000.00, 4416500.00)	GC					
204.	50.36396	(04101524)	AT (533000.00, 4415500.00)	GC					
165.	54.11692	(04102324)	AT (534500.00, 4417000.00)	GC					
205.	50.30573	(04091624)	AT (531500.00, 4414000.00)	GC					
166.	53.97238	(04111324)	AT (531500.00, 4414000.00)	GC					
206.	50.01253	(04031224)	AT (532000.00, 4414500.00)	GC					
167.	53.94099c	(04121924)	AT (533500.00, 4417000.00)	GC					
207.	49.95223	(04083124)	AT (531500.00, 4414500.00)	GC					
168.	53.85702c	(04121924)	AT (532500.00, 4416500.00)	GC					
208.	49.79405c	(04122724)	AT (533000.00, 4415500.00)	GC					
169.	53.75236	(04121024)	AT (533000.00, 4415500.00)	GC					
209.	49.77950	(04102324)	AT (531500.00, 4414500.00)	GC					
170.	53.73632	(04062524)	AT (534000.00, 4417500.00)	GC					
210.	49.77486	(04122824)	AT (533000.00, 4416500.00)	GC					
171.	53.46718c	(04031924)	AT (533000.00, 4417500.00)	GC					
211.	49.74251	(04052224)	AT (534000.00, 4416500.00)	GC					
172.	53.43125	(04020424)	AT (532000.00, 4416000.00)	GC					
212.	49.54570	(04061224)	AT (533500.00, 4416000.00)	GC					
173.	53.25214	(04122924)	AT (533500.00, 4417000.00)	GC					
213.	49.54048	(04111124)	AT (533000.00, 4410000.00)	GC					

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  174.      53.16806 (04102124) AT ( 533000.00, 4416000.00)  GC
214.      49.52964 (04080324) AT ( 533500.00, 4417500.00)  GC
  175.      53.06086 (04112824) AT ( 534000.00, 4417500.00)  GC
215.      49.31822 (04100324) AT ( 533000.00, 4416500.00)  GC
  176.      53.03969 (04012524) AT ( 532000.00, 4417500.00)  GC
216.      49.31803 (04121024) AT ( 533000.00, 4416000.00)  GC
  177.      53.03631 (04052324) AT ( 533500.00, 4416000.00)  GC
217.      49.29894 (04061124) AT ( 533500.00, 4416000.00)  GC
  178.      52.87851c(04020224) AT ( 533000.00, 4417500.00)  GC
218.      49.23106 (04082224) AT ( 533500.00, 4416000.00)  GC
  179.      52.68854 (04092824) AT ( 534000.00, 4417500.00)  GC
219.      49.22278 (04102524) AT ( 533000.00, 4415500.00)  GC
  180.      52.61836 (04020424) AT ( 532500.00, 4416500.00)  GC
220.      48.90698 (04102424) AT ( 533000.00, 4416000.00)  GC
  181.      52.61033 (04112924) AT ( 534500.00, 4417500.00)  GC
221.      48.82468 (04121024) AT ( 532500.00, 4415500.00)  GC
  182.      52.50277 (04091324) AT ( 534000.00, 4416500.00)  GC
222.      48.80391 (04102824) AT ( 533500.00, 4416000.00)  GC
  183.      52.50132 (04011824) AT ( 534000.00, 4417500.00)  GC
223.      48.77970 (04121224) AT ( 532500.00, 4417500.00)  GC
  184.      52.47644 (04030724) AT ( 533500.00, 4416000.00)  GC
224.      48.73012 (04121024) AT ( 533500.00, 4416000.00)  GC
  185.      52.40710 (04031124) AT ( 532000.00, 4414500.00)  GC
225.      48.72362 (04110224) AT ( 531500.00, 4414000.00)  GC
  186.      52.21208 (04021624) AT ( 532500.00, 4417500.00)  GC
226.      48.64773 (04122824) AT ( 534000.00, 4417500.00)  GC
  187.      52.09125 (04092924) AT ( 533000.00, 4415500.00)  GC
227.      48.59294 (04062924) AT ( 534000.00, 4417000.00)  GC
  188.      52.07141 (04122824) AT ( 533500.00, 4417000.00)  GC
228.      48.56353 (04021624) AT ( 532000.00, 4417500.00)  GC
  189.      51.55580 (04011124) AT ( 533500.00, 4417000.00)  GC
229.      48.52969 (04043024) AT ( 533500.00, 4416000.00)  GC
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  190.      51.52583 (04031224) AT ( 532500.00, 4415000.00)  GC
230.      48.52713 (04101424) AT ( 533500.00, 4416000.00)  GC
  191.      51.50986 (04012524) AT ( 533000.00, 4417500.00)  GC
231.      48.29475 (04040924) AT ( 533500.00, 4416000.00)  GC
  192.      51.47898 (04102524) AT ( 531500.00, 4414500.00)  GC
232.      48.17264 (04102124) AT ( 533500.00, 4416000.00)  GC
  193.      51.31711 (04121824) AT ( 533500.00, 4416000.00)  GC
233.      48.15208 (04011524) AT ( 533000.00, 4418500.00)  GC
  194.      51.11369 (04072124) AT ( 534000.00, 4417500.00)  GC
234.      48.02550 (04082324) AT ( 533500.00, 4416000.00)  GC
  195.      50.86529 (04011824) AT ( 533000.00, 4423500.00)  GC
235.      47.94559 (04120824) AT ( 533500.00, 4417000.00)  GC
  196.      50.83014 (04121024) AT ( 532000.00, 4415000.00)  GC
236.      47.90795 (04031124) AT ( 532500.00, 4415500.00)  GC
  197.      50.74874 (04112924) AT ( 532500.00, 4417500.00)  GC
237.      47.88198 (04110524) AT ( 533500.00, 4416000.00)  GC
  198.      50.73880 (04012424) AT ( 533000.00, 4418500.00)  GC
238.      47.80588 (04020424) AT ( 533500.00, 4416500.00)  GC
  199.      50.70954 (04122224) AT ( 533000.00, 4417000.00)  GC
239.      47.74464 (04091324) AT ( 531500.00, 4414500.00)  GC
  200.      50.52859 (04011024) AT ( 532000.00, 4416500.00)  GC
240.      47.57376 (04102024) AT ( 532000.00, 4416500.00)  GC
 *** AERMOD - VERSION 09292 ***     ***  NO TITLE SPECIFIED
                                    ***         10/27/11
                                   ***
                                   ***         00:33:48

                                               PAGE  32

 **MODELOPTs:  RegDFAULT CONC
  ELEV
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*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: KUMULATI ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
241.	47.56291	(04093024)	AT (533500.00, 4416000.00) GC	281.	45.68166	(04091924)	AT (534000.00, 4417500.00) GC
242.	47.53824	(04082624)	AT (533500.00, 4416000.00) GC	282.	45.68018c	(04121924)	AT (532500.00, 4416000.00) GC
243.	47.48047	(04081424)	AT (533500.00, 4416000.00) GC	283.	45.67135	(04110924)	AT (533500.00, 4416000.00) GC
244.	47.40788	(04092724)	AT (531000.00, 4413500.00) GC	284.	45.57882	(04121224)	AT (533000.00, 4417500.00) GC
245.	47.40135	(04091124)	AT (533500.00, 4416000.00) GC	285.	45.56310	(04101524)	AT (534500.00, 4417000.00) GC
246.	47.38960	(04020424)	AT (532000.00, 4416500.00) GC	286.	45.40555c	(04110124)	AT (533000.00, 4416000.00) GC
247.	47.37826	(04110624)	AT (534500.00, 4417500.00) GC	287.	45.39981	(04030924)	AT (531500.00, 4416000.00) GC
248.	47.21336	(04042924)	AT (533500.00, 4416000.00) GC	288.	45.34736	(04041324)	AT (531500.00, 4416500.00) GC
249.	47.20033c	(04010324)	AT (532500.00, 4417500.00) GC	289.	45.31513	(04082524)	AT (533500.00, 4416000.00) GC
250.	47.19139c	(04042524)	AT (533000.00, 4415500.00) GC				

290. 45.29139 (04102124) AT (532000.00, 4415000.00) GC
251. 47.17362 (04092124) AT (534000.00, 4416500.00) GC
291. 45.26622 (04041024) AT (531500.00, 4416000.00) GC
252. 47.14694 (04110224) AT (531500.00, 4414500.00) GC
292. 45.21382 (04092224) AT (532500.00, 4415000.00) GC
253. 47.10298 (04121624) AT (533000.00, 4415500.00) GC
293. 45.16416 (04030224) AT (532500.00, 4417000.00) GC
254. 47.06974 (04061524) AT (531500.00, 4416000.00) GC
294. 45.10432 (04071324) AT (533000.00, 4416500.00) GC
255. 47.04764 (04103124) AT (532500.00, 4416500.00) GC
295. 45.07196 (04111324) AT (528000.00, 4411500.00) GC
256. 47.03902 (04041224) AT (531500.00, 4414500.00) GC
296. 45.06743 (04092924) AT (529000.00, 4413000.00) GC
257. 46.85069 (04092124) AT (531500.00, 4414500.00) GC
297. 45.04741 (04011724) AT (531500.00, 4416000.00) GC
258. 46.83710 (04121624) AT (531500.00, 4416000.00) GC
298. 44.99811 (04102124) AT (532500.00, 4415000.00) GC
259. 46.81075 (04101924) AT (533500.00, 4416000.00) GC
299. 44.97154 (04092724) AT (533000.00, 4415500.00) GC
260. 46.77187 (04121624) AT (534000.00, 4417000.00) GC
300. 44.94088 (04102424) AT (532000.00, 4415000.00) GC
261. 46.76757 (04092424) AT (533500.00, 4416000.00) GC
301. 44.74121 (04122224) AT (532000.00, 4416500.00) GC
262. 46.75069 (04102724) AT (531500.00, 4416000.00) GC
302. 44.70354 (04102124) AT (532500.00, 4415500.00) GC
263. 46.69588 (04103124) AT (533000.00, 4416500.00) GC
303. 44.69223 (04092224) AT (533000.00, 4416000.00) GC
264. 46.61399 (04122224) AT (532500.00, 4416000.00) GC
304. 44.60633 (04122824) AT (533000.00, 4417000.00) GC
265. 46.59992 (04123124) AT (533000.00, 4417000.00) GC
305. 44.55442 (04030924) AT (533000.00, 4416500.00) GC
266. 46.51504 (04083124) AT (531500.00, 4414000.00) GC

306. 44.55325 (04110524) AT (533500.00, 4417500.00) GC
267. 46.44412 (04102224) AT (531500.00, 4414500.00) GC
307. 44.54040 (04091424) AT (533000.00, 4415500.00) GC
268. 46.30497 (04021824) AT (532500.00, 4416500.00) GC
308. 44.49596 (04020124) AT (534000.00, 4417500.00) GC
269. 46.27001 (04092924) AT (531500.00, 4415000.00) GC
309. 44.45651 (04030924) AT (533000.00, 4415500.00) GC
270. 46.26256 (04122224) AT (533500.00, 4416500.00) GC
310. 44.45545 (04120124) AT (534000.00, 4417500.00) GC
271. 46.17580 (04111424) AT (531500.00, 4414500.00) GC
311. 44.44114 (04121224) AT (532000.00, 4417500.00) GC
272. 46.16986 (04072424) AT (533500.00, 4416000.00) GC
312. 44.40373 (04122824) AT (532500.00, 4416500.00) GC
273. 46.12697 (04031124) AT (533500.00, 4416000.00) GC
313. 44.36204 (04103024) AT (531500.00, 4414000.00) GC
274. 46.06572 (04122824) AT (533500.00, 4417500.00) GC
314. 44.26451 (04040424) AT (534000.00, 4417500.00) GC
275. 46.04965 (04091324) AT (531500.00, 4414000.00) GC
315. 44.17596 (04071324) AT (532500.00, 4416500.00) GC
276. 45.98515 (04110524) AT (531500.00, 4416000.00) GC
316. 44.02690c(04020224) AT (532000.00, 4417500.00) GC
277. 45.96158 (04111324) AT (534000.00, 4416500.00) GC
317. 43.80409 (04102024) AT (531500.00, 4416000.00) GC
278. 45.92846 (04020424) AT (533000.00, 4417000.00) GC
318. 43.73261 (04031124) AT (532000.00, 4415000.00) GC
279. 45.81424 (04040724) AT (531500.00, 4416000.00) GC
319. 43.63980 (04083024) AT (531500.00, 4414500.00) GC
280. 45.75353 (04052224) AT (534500.00, 4417000.00) GC
320. 43.58014 (04102424) AT (533500.00, 4416500.00) GC

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: KUMULATI ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
321.	43.42863c	(04031924) AT	(533500.00, 4417500.00) GC	361.	41.75124c	(04121924) AT	(533000.00, 4417000.00) GC
322.	43.42497	(04101524) AT	(534000.00, 4416500.00) GC	362.	41.62184	(04042024) AT	(532000.00, 4417500.00) GC
323.	43.42048	(04092224) AT	(532000.00, 4415000.00) GC	363.	41.56505	(04110524) AT	(533500.00, 4417000.00) GC
324.	43.38567	(04031224) AT	(532500.00, 4415500.00) GC	364.	41.55646	(04103024) AT	(531500.00, 4416000.00) GC
325.	43.38367	(04092824) AT	(534000.00, 4417000.00) GC	365.	41.43734	(04123124) AT	(531500.00, 4416500.00) GC
326.	42.94966	(04030624) AT	(534000.00, 4417500.00) GC	366.	41.41901	(04111324) AT	(534500.00, 4417000.00) GC

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  327.      42.85608 (04103124) AT ( 531500.00, 4416000.00)  GC
367.      41.41400 (04121324) AT ( 533000.00, 4417500.00)  GC
  328.      42.83106 (04082124) AT ( 532500.00, 4416500.00)  GC
368.      41.29437 (04080824) AT ( 533500.00, 4416000.00)  GC
  329.      42.81154 (04082724) AT ( 533500.00, 4413500.00)  GC
369.      41.29196 (04080224) AT ( 533500.00, 4416000.00)  GC
  330.      42.80805 (04031624) AT ( 531500.00, 4416000.00)  GC
370.      41.28929 (04121024) AT ( 531500.00, 4414500.00)  GC
  331.      42.77907c(04110124) AT ( 534000.00, 4416500.00)  GC
371.      41.27379 (04111024) AT ( 533000.00, 4410000.00)  GC
  332.      42.67890 (04041224) AT ( 533000.00, 4415500.00)  GC
372.      41.22844 (04102924) AT ( 531500.00, 4414500.00)  GC
  333.      42.66988 (04013124) AT ( 532500.00, 4415500.00)  GC
373.      41.15896 (04013124) AT ( 533000.00, 4415500.00)  GC
  334.      42.61232 (04032324) AT ( 534000.00, 4417500.00)  GC
374.      41.09320 (04030824) AT ( 533500.00, 4416000.00)  GC
  335.      42.56139 (04020424) AT ( 528500.00, 4414500.00)  GC
375.      41.07581 (04082124) AT ( 533000.00, 4416500.00)  GC
  336.      42.53226 (04051824) AT ( 533500.00, 4416000.00)  GC
376.      41.05750 (04121024) AT ( 532500.00, 4415000.00)  GC
  337.      42.47291 (04030924) AT ( 532500.00, 4416500.00)  GC
377.      41.05699 (04123024) AT ( 533000.00, 4415500.00)  GC
  338.      42.38692c(04110124) AT ( 534500.00, 4417000.00)  GC
378.      41.02590 (04092224) AT ( 532500.00, 4415500.00)  GC
  339.      42.30069 (04092624) AT ( 531500.00, 4414500.00)  GC
379.      40.90963 (04100324) AT ( 532500.00, 4416500.00)  GC
  340.      42.28993 (04111224) AT ( 531500.00, 4414500.00)  GC
380.      40.90228c(04110124) AT ( 531500.00, 4414000.00)  GC
  341.      42.27881 (04110924) AT ( 532500.00, 4416500.00)  GC
381.      40.85637 (04102324) AT ( 533000.00, 4416000.00)  GC
  342.      42.19442 (04082124) AT ( 532000.00, 4416500.00)  GC
382.      40.84951 (04091424) AT ( 534000.00, 4416500.00)  GC
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  343.      42.18647 (04082224) AT ( 534000.00, 4417500.00)  GC
383.      40.84722 (04121624) AT ( 531500.00, 4414000.00)  GC
  344.      42.18351 (04041724) AT ( 533500.00, 4416000.00)  GC
384.      40.74457 (04060524) AT ( 531500.00, 4416000.00)  GC
  345.      41.99265 (04021824) AT ( 533500.00, 4416500.00)  GC
385.      40.73751 (04101424) AT ( 533000.00, 4416000.00)  GC
  346.      41.96584 (04071324) AT ( 533500.00, 4416500.00)  GC
386.      40.62380 (04121724) AT ( 531500.00, 4416000.00)  GC
  347.      41.95375 (04011924) AT ( 532500.00, 4417500.00)  GC
387.      40.58470 (04102924) AT ( 533000.00, 4415500.00)  GC
  348.      41.95122 (04021624) AT ( 533000.00, 4417500.00)  GC
388.      40.57514 (04101924) AT ( 533000.00, 4415500.00)  GC
  349.      41.94988c(04010324) AT ( 533000.00, 4417500.00)  GC
389.      40.56740 (04121324) AT ( 532500.00, 4417500.00)  GC
  350.      41.93995 (04052224) AT ( 531500.00, 4414500.00)  GC
390.      40.49782 (04102124) AT ( 532000.00, 4414500.00)  GC
  351.      41.93191 (04101524) AT ( 532000.00, 4415000.00)  GC
391.      40.48350 (04011024) AT ( 533500.00, 4416000.00)  GC
  352.      41.92608 (04100324) AT ( 533500.00, 4417000.00)  GC
392.      40.47616 (04030224) AT ( 532000.00, 4416000.00)  GC
  353.      41.85990 (04111324) AT ( 532000.00, 4414500.00)  GC
393.      40.46946c(04052124) AT ( 533000.00, 4415500.00)  GC
  354.      41.85758 (04102724) AT ( 532000.00, 4416500.00)  GC
394.      40.31238 (04092224) AT ( 533500.00, 4416500.00)  GC
  355.      41.83117 (04091424) AT ( 531500.00, 4414500.00)  GC
395.      40.28413 (04111124) AT ( 533500.00, 4413500.00)  GC
  356.      41.81761 (04021824) AT ( 532500.00, 4416000.00)  GC
396.      40.22841 (04051924) AT ( 533000.00, 4415500.00)  GC
  357.      41.80891 (04031524) AT ( 533500.00, 4416000.00)  GC
397.      40.21137 (04090824) AT ( 531500.00, 4414000.00)  GC
  358.      41.79426 (04092224) AT ( 532000.00, 4414500.00)  GC
398.      40.20340 (04112724) AT ( 534000.00, 4417500.00)  GC
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  359.   41.79144 (04072524) AT (533500.00, 4416000.00) GC
399.   40.08597 (04030924) AT (533500.00, 4416000.00) GC
  360.   41.76814 (04110924) AT (533000.00, 4416500.00) GC
400.   40.03270 (04042024) AT (533000.00, 4417000.00) GC
 *** AERMOD - VERSION 09292 ***   *** NO TITLE SPECIFIED
                                    ***   10/27/11
                                   ***
                                   ***   00:33:48

                                                PAGE 34
 **MODELOPTs: RegDFAULT CONC
  ELEV

                                  *** THE MAXIMUM 500 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: KUMULATI ***
                                    INCLUDING SOURCE(S):   BACA1A ,
BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

 RANK   CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE   RANK
       CONC   (YYMMDDHH) AT   RECEPTOR (XR,YR) OF TYPE
 -
- -
  401.   39.96453 (04103124) AT (532000.00, 4416000.00) GC
441.   38.30397 (04092924) AT (528500.00, 4412500.00) GC
  402.   39.94484 (04102924) AT (531000.00, 4413500.00) GC
442.   38.29044 (04051724) AT (533000.00, 4417500.00) GC
  403.   39.94265 (04092624) AT (534000.00, 4416500.00) GC

443. 38.16696 (04092724) AT (528000.00, 4411000.00) GC
404. 39.90002 (04121724) AT (534000.00, 4417000.00) GC
444. 38.09508 (04102124) AT (533500.00, 4416500.00) GC
405. 39.87182 (04090724) AT (533500.00, 4416000.00) GC
445. 37.97108 (04091324) AT (534500.00, 4417000.00) GC
406. 39.82238 (04072624) AT (531500.00, 4416000.00) GC
446. 37.95028 (04111324) AT (529000.00, 4412500.00) GC
407. 39.82228 (04101424) AT (533000.00, 4415500.00) GC
447. 37.93428 (04110724) AT (531500.00, 4414500.00) GC
408. 39.81315 (04093024) AT (531500.00, 4414000.00) GC
448. 37.90172 (04020524) AT (532000.00, 4417500.00) GC
409. 39.80130 (04100224) AT (531500.00, 4414500.00) GC
449. 37.80234 (04121024) AT (533500.00, 4416500.00) GC
410. 39.70477 (04123124) AT (532000.00, 4416000.00) GC
450. 37.76933 (04012624) AT (533000.00, 4417000.00) GC
411. 39.63495 (04081324) AT (531500.00, 4416000.00) GC
451. 37.75831 (04030224) AT (532500.00, 4417500.00) GC
412. 39.55842 (04030824) AT (528500.00, 4414500.00) GC
452. 37.74840 (04071324) AT (532000.00, 4416500.00) GC
413. 39.48779 (04122824) AT (533000.00, 4417500.00) GC
453. 37.73407 (04013124) AT (532000.00, 4415000.00) GC
414. 39.39956 (04060424) AT (533500.00, 4416000.00) GC
454. 37.69890 (04052424) AT (534000.00, 4417500.00) GC
415. 39.33035 (04031524) AT (531500.00, 4416000.00) GC
455. 37.68391 (04013124) AT (532500.00, 4415000.00) GC
416. 39.15120 (04111424) AT (533000.00, 4416000.00) GC
456. 37.68319 (04030924) AT (532000.00, 4416500.00) GC
417. 39.14346 (04061324) AT (531500.00, 4414000.00) GC
457. 37.63000 (04101424) AT (531500.00, 4414500.00) GC
418. 39.13453 (04080424) AT (531500.00, 4414500.00) GC
458. 37.59590 (04072324) AT (534000.00, 4417500.00) GC
419. 39.11802 (04040924) AT (534000.00, 4417500.00) GC

459. 37.56108 (04103124) AT (533000.00, 4417000.00) GC
420. 38.97769 (04103124) AT (532000.00, 4416500.00) GC
460. 37.45334c(04121924) AT (533500.00, 4416500.00) GC
421. 38.96822 (04120624) AT (533000.00, 4415500.00) GC
461. 37.40393 (04110724) AT (531500.00, 4414000.00) GC
422. 38.96345 (04080524) AT (533500.00, 4417000.00) GC
462. 37.39841 (04091624) AT (534000.00, 4416500.00) GC
423. 38.94030c(04110124) AT (532000.00, 4415000.00) GC
463. 37.36990 (04090224) AT (531500.00, 4414500.00) GC
424. 38.90935 (04090924) AT (531500.00, 4414500.00) GC
464. 37.19239 (04111624) AT (534000.00, 4417500.00) GC
425. 38.74516 (04102424) AT (532500.00, 4415500.00) GC
465. 37.13356 (04110924) AT (533000.00, 4417000.00) GC
426. 38.68480 (04091924) AT (531500.00, 4414000.00) GC
466. 37.08815 (04102524) AT (531000.00, 4413500.00) GC
427. 38.68189 (04120324) AT (533000.00, 4417500.00) GC
467. 37.07434 (04093024) AT (533000.00, 4415500.00) GC
428. 38.63241 (04092324) AT (534000.00, 4417500.00) GC
468. 37.06040 (04092924) AT (529000.00, 4412500.00) GC
429. 38.63097 (04101624) AT (531500.00, 4414000.00) GC
469. 37.02982 (04041824) AT (533500.00, 4416000.00) GC
430. 38.62824 (04121724) AT (534000.00, 4417500.00) GC
470. 37.02624 (04092924) AT (532000.00, 4415000.00) GC
431. 38.61820 (04033124) AT (534000.00, 4417000.00) GC
471. 36.97645c(04100124) AT (541500.00, 4419500.00) GC
432. 38.61103 (04073124) AT (534000.00, 4417000.00) GC
472. 36.97484 (04083024) AT (531500.00, 4416500.00) GC
433. 38.59164 (04091424) AT (531500.00, 4414000.00) GC
473. 36.93949 (04090124) AT (534000.00, 4417000.00) GC
434. 38.54382 (04101924) AT (531500.00, 4414000.00) GC
474. 36.87235 (04080124) AT (534500.00, 4417000.00) GC
435. 38.52629 (04120624) AT (533000.00, 4416000.00) GC

475. 36.81041 (04030924) AT (532000.00, 4416000.00) GC
436. 38.50624 (04092924) AT (531500.00, 4414000.00) GC
476. 36.78947 (04091624) AT (531000.00, 4413500.00) GC
437. 38.44240 (04082224) AT (532500.00, 4417500.00) GC
477. 36.78946c(04010324) AT (532000.00, 4417500.00) GC
438. 38.43598 (04100624) AT (534000.00, 4417500.00) GC
478. 36.76940 (04031224) AT (532000.00, 4415000.00) GC
439. 38.39152 (04031124) AT (532000.00, 4414000.00) GC
479. 36.69840 (04012524) AT (533500.00, 4418000.00) GC
440. 38.34195 (04011024) AT (532500.00, 4416500.00) GC
480. 36.68975 (04122924) AT (533000.00, 4416500.00) GC

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE MAXIMUM 500 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: KUMULATI ***
INCLUDING SOURCE(S): BACA1A , BACA1B , ON.ISIT., CALIK1 , CALIK2 , CALIK3 ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
  481.      36.67774 (04110624) AT ( 531500.00, 4414000.00)  GC
491.      36.43551 (04052324) AT ( 534000.00, 4416500.00)  GC
  482.      36.65085 (04122824) AT ( 531500.00, 4416000.00)  GC
492.      36.43268 (04062624) AT ( 534000.00, 4417500.00)  GC
  483.      36.64722 (04072124) AT ( 534500.00, 4417500.00)  GC
493.      36.42658 (04063024) AT ( 533500.00, 4416000.00)  GC
  484.      36.62896 (04082124) AT ( 533000.00, 4417000.00)  GC
494.      36.41589 (04080924) AT ( 533500.00, 4416000.00)  GC
  485.      36.59485 (04101124) AT ( 533500.00, 4416000.00)  GC
495.      36.32572 (04050524) AT ( 533500.00, 4416000.00)  GC
  486.      36.52787 (04080824) AT ( 534500.00, 4417000.00)  GC
496.      36.28166 (04111324) AT ( 528000.00, 4412000.00)  GC
  487.      36.51287 (04092024) AT ( 534000.00, 4416500.00)  GC
497.      36.26523 (04050124) AT ( 533500.00, 4416000.00)  GC
  488.      36.50510 (04111324) AT ( 532500.00, 4415500.00)  GC
498.      36.24354 (04102524) AT ( 534000.00, 4416500.00)  GC
  489.      36.45809 (04020424) AT ( 534000.00, 4417000.00)  GC
499.      36.24101 (04030224) AT ( 532000.00, 4417500.00)  GC
  490.      36.44842 (04103124) AT ( 533500.00, 4416500.00)  GC
500.      36.19549 (04071024) AT ( 533500.00, 4416000.00)  GC

  *** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                   ***        10/27/11
                                  ***
                                  ***       00:33:48
```

**MODELOPTs: RegDFAULT CONC
ELEV

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

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

GROUP ID	AVERAGE CONC	NETWORK OF TYPE	GRID-ID	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)
KUMULATI	1ST HIGHEST VALUE IS	22.22664	AT	(533500.00, 4416000.00, 855.00, 855.00, 0.00)
	2ND HIGHEST VALUE IS	14.16764	AT	(534000.00, 4417500.00, 894.00, 894.00, 0.00)
	3RD HIGHEST VALUE IS	11.80706	AT	(531500.00, 4414500.00, 893.00, 893.00, 0.00)
	4TH HIGHEST VALUE IS	11.35793	AT	(534500.00, 4417000.00, 822.00, 822.00, 0.00)
	5TH HIGHEST VALUE IS	11.18224	AT	(533000.00, 4415500.00, 945.00, 945.00, 0.00)
	6TH HIGHEST VALUE IS	10.92009	AT	(531500.00, 4416000.00, 880.00, 880.00, 0.00)

```
         7TH HIGHEST VALUE IS      10.10706 AT (  533500.00,
4417000.00,   961.00,   961.00,    0.00)  GC  PALZF000
         8TH HIGHEST VALUE IS      10.10115 AT (  534000.00,
4416500.00,   815.00,   815.00,    0.00)  GC  PALZF000
         9TH HIGHEST VALUE IS       9.91315 AT (  531500.00,
4414000.00,   872.00,   872.00,    0.00)  GC  PALZF000
        10TH HIGHEST VALUE IS       9.00848 AT (  533500.00,
4417500.00,   930.00,   930.00,    0.00)  GC  PALZF000


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                   ***        00:33:48

                                              PAGE  37
 **MODELOPTs:  RegDFAULT CONC
  ELEV


                                          *** THE SUMMARY OF
HIGHEST 24-HR RESULTS ***


                                      ** CONC OF CO       IN
MICROGRAMS/M**3                          **
```

```
                                                                DATE
                                                               NETWORK
GROUP ID                              AVERAGE CONC          (YYMMDDHH)
RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

KUMULATI HIGH  1ST HIGH VALUE IS     226.96661  ON 04110624: AT (
534000.00,  4417500.00,   894.00,   894.00,    0.00)  GC  PALZF000


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
  *** AERMOD - VERSION 09292 ***    ***  NO TITLE SPECIFIED
                                    ***        10/27/11
                                   ***
                                    ***        00:33:48

                                                PAGE  38
 **MODELOPTs:  RegDFAULT CONC
  ELEV


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            4 Warning Message(s)
```

```
 A Total of           33 Informational Message(s)

 A Total of         8784 Hours Were Processed

 A Total of           33 Calm Hours Identified

 A Total of            0 Missing Hours Identified (  0.00 Percent)


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


    ********   WARNING MESSAGES   ********
 OU W565   320 OUPLOT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   321 PERPLT:Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE
 OU W565   322 OUPOST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE
 OU W565   323 PERPST:Possible Conflict With Dynamically Allocated FUNIT
POSTFILE

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

ANNEX – 21

Project Flood Estimates and Map of the Dry River Beds Precipitation Areas

PROJECT FLOODS

In the project area minimum water level is 663.10 m and Q500 maximum water level is 665.95 m. Project area takes place in 680 m level and on the Kızılırmak River Flood level.

Project area, relevant creeks, catchment area and characteristics are shown in Sheet-1. There exist 3 types of stream beds which may result in flooding from upstream to down-stream through the left bank in the natural gas combined cycle power plant. However, catchment area 1 keeps out of the project area. Other 2 basins flood flow-rates are calculated by using Mockus Synthetic Method and Rational Method. Those 3 streambeds are numbered by ordering from downstream to the upstream. Unit hydrograph and peak flow-rate calculations by using Mockus Synthetic Method and values of rainfall recurrence calculated by using rational method for the catchment areas 2 and 3 are provided in Table 1and Table 2 respectively. Kırıkkale State Meteorological Service represents with 100 % ratio the Natural Gas Combined Cycle Power Plant project area by means of rainfall. Kırıkkale State Meteorological Service's daily the biggest rainfall values, frequency analysis and values of rainfall recurrence are given in Table 3. Determinated periodical (5' and 15') precipitation-intensity-duration recurrence values for Rational Method are provided in Table 4. Precipitation-intensity-duration curves are given in Figure-1. Basin characteristics, used method and recurrence flood flow rates for catchment area 2, 3 are given in Table 5. During these studies, 100 year flood flow rate from precipitation is calculated as 0.37m^3/sec and 0.41m^3/sec for the basins 2 and 3 respectively.

Table 1: The Basin Area Numbered 2 Unit Hydrograph Analysis – Rationale Method

A (km^2)= 0.089 L(m)= 315 Max Depth (m) = 770

Min Depth (m) = 689

$$Tc = 0.00032 \frac{L^{0.77}}{S^{0.385}}$$

S= 0.257

Tc = 0.045 hour = 2.7 minute

Tc = 5 minute (the read value)

Kırıkkale Meteorology Station. Precipitation Intensity – Duration – Recurrence Curves

precipitation intensity for 5 minutes

I_2 =	80.9	mm/hour
I_5 =	101.0	mm/hour
I_{10} =	113.4	mm/hour
I_{25} =	128.3	mm/hour
I_{50} =	138.9	mm/hour
I_{100} =	149.3	mm/hour

$C_T = C_{100} (T/100)^{X=0.20}$

	The $(T/100)^{X=0.2}$ value in the formula as follows:					
X	2^{th} year	5^{th} year	10^{th} year	25^{th} year	50^{th} year	100^{th} year
0.2	0.47	0.55	0.63	0.76	0.87	1.00

C_{100} =	C_2	C_5	C_{10}	C_{25}	C_{50}	C_{100}
0.10	0.05	0.06	0.06	0.08	0.09	0.10
0.15	0.07	0.08	0.09	0.11	0.13	0.15
0.20	0.09	0.11	0.13	0.15	0.17	0.20

Flood Altitude, m^3/h Q = C*I*A / 3.6 (m^3/h)

	C_{100}	Q_2	Q_5	Q_{10}	Q_{25}	Q_{50}	Q_{100}
Acceptance	0.10	0.09	0.14	0.18	0.24	0.30	0.37
	0.15	0.14	0.21	0.26	0.36	0.45	0.55
	0.20	0.19	0.27	0.35	0.48	0.60	0.74

Table 2: The Basin Area Numbered 3 Unit Hydrograph Analysis – Rationale Method

A (km^2)= 0.1 L(m)= 350 Max Depth (m) = 758

Min Depth (m) = 692

$$Tc = 0.00032 \frac{L^{0.77}}{S^{0.385}}$$

S= 0.189

Tc = 0.055 hour = 3.3 minute

Tc = 5 minute (the read value)

Kırıkkale Meteorology Station. Precipitation Intensity – Duration – Recurrence Curves

precipitation intensity for 5 minutes

I_2 =	80.9	mm/hour
I_5 =	101.0	mm/hour
I_{10} =	113.4	mm/hour
I_{25} =	128.3	mm/hour
I_{50} =	138.9	mm/hour
I_{100} =	149.3	mm/hour

$C_T = C_{100} (T/100)^{X=0.20}$

	The $(T/100)^{X=0.2}$ value in the formula as follows:					
X	2^{th} year	5^{th} year	10^{th} year	25^{th} year	50^{th} year	100^{th} year
0.2	0.47	0.55	0.63	0.76	0.87	1.00

C_{100} =	C_2	C_5	C_{10}	C_{25}	C_{50}	C_{100}
0.10	0.05	0.06	0.06	0.08	0.09	0.10
0.15	0.07	0.08	0.09	0.11	0.13	0.15
0.20	0.09	0.11	0.13	0.15	0.17	0.20

Flood Altitude, m^3/h Q = C*I*A / 3.6 (m^3/h)

	C_{100}	Q_2	Q_5	Q_{10}	Q_{25}	Q_{50}	Q_{100}
Acceptance	0.10	0.11	0.15	0.20	0.27	0.34	0.41
	0.15	0.16	0.23	0.30	0.41	0.50	0.62
	0.20	0.21	0.31	0.40	0.54	0.67	0.83

TABLE 3. TURKISH STATE METEOROLOGICAL SERVICE
KIRIKKALE METEOROLOGICAL STATION
OBSERVED MAKSIMAL PRECIPITATION VALUES IN STANDART TIMES (MM)

OBSERVATION YEAR	MINUTE				HOUR										
	5	10	15	30	1	2	3	4	5	6	8	12	18	24	24 +
2010	6.5	8.5	12.4	16.5	17.6	23.2	23.2	23.2	23.2	23.2	29.4	35.6	39.2	39.8	
2009	1.6	3.1	3.5	4.6	5.6	7.6	8.6	9.2	9.6	10.2	11.4	15.9	18.9	21.3	
2008	3.7	4.4	6.5	8.7	8.7	13.4	14.2	14.3	14.3	14.3	14.3	16.9	17.7	21.0	
2007	7.9	9.9	10.7	12.9	15.3	17.2	19.2	21.2	21.2	21.2	21.3	21.3	21.4	21.6	
2006	5.3	5.9	8.8	13.3	16.5	18.1	18.4	18.9	20.2	21.8	21.8	21.9	22.0	22.0	
2005	5.0	7.9	9.8	13.5	16.0	17.4	17.4	17.5	17.5	17.5	17.5	17.6	17.7	26.1	
2004	5.1	10.2	12.8	15.4	16.1	18.0	18.3	18.3	18.4	18.4	18.4	18.5	18.6	21.3	
2003	1.9	2.3	2.4	3.2	6.2	9.2	11.8	13.4	15.3	18.9	23.5	28.7	32.0	34.8	
2002	7.2	12.0	16.4	18.1	24.0	25.3	25.9	25.9	26.6	26.6	26.7	26.7	27.2	27.4	
2001	2.6	3.7	5.0	8.2	12.3	14.7	15.1	15.5	15.6	15.7	16.3	16.5	16.8	32.2	
2000	4.3	8.0	9.9	12.2	14.5	17.0	17.4	20.1	20.4	20.6	21.7	24.9	13.7	35.7	
1999	10.8	21.0	28.7	42.2	43.9	45.9	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	
1998	7.9	14.1	17.5	21.1	21.2	21.2	21.4	21.7	25.5	26.3	26.4	26.4	26.4	27.2	
1997	12.3	24.3	30.1	52.1	61.4	66.6	80.6	88.4	93.3	98.8	100.2	100.5	100.6	100.8	
1996	6.5	12.7	16.3	19.8	20.7	20.8	21.1	21.3	21.8	21.9	21.9	22.0	22.2	25.9	
1995	6.5	7.9	8.1	8.3	8.9	11.5	14.0	15.4	16.3	16.3	16.3	17.1	21.3	30.2	
1994	3.3	3.8	4.6	6.6	6.6	8.2	10.3	13.7	15.8	16.8	17.9	18.4	18.5	26.0	
1993	3.9	6.9	8.5	10.0	10.4	14.3	19.1	20.5	21.1	21.1	21.3	21.3	21.4	21.8	
1992	5.6	7.8	8.2	9.3	9.4	12.5	12.7	12.7	12.7	12.7	12.9	12.9	12.9	15.1	
1991	7.4	7.6	7.6	8.0	8.6	10.6	12.9	14.9	15.4	15.5	17.5	23.6	26.9	26.9	
1990	1.0	1.5	2.3	3.6	5.1	8.5	11.5	13.9	16.7	18.7	25.7	30.3	31.3	31.4	
1989	3.9	5.2	5.8	9.4	10.8	13.0	15.3	18.1	18.9	19.2	19.4	21.1	21.3	40.0	
1988	4.8	6.4	8.3	10.6	10.8	11.6	11.6	12.5	13.5	16.0	19.4	21.3	21.3	36.0	
1987	5.3	9.0	12.0	16.4	18.4	22.1	24.1	25.2	25.2	25.2	25.2	25.2	25.2	33.3	
1986	6.4	9.5	10.5	10.9	13.4	17.4	17.4	17.5	17.5	18.1	18.1	18.1	20.7	21.3	
1985	9.5	15.4	18.9	21.8	23.2	23.4	23.5	23.5	23.5	23.7	24.2	24.2	24.9	33.0	
1984	4.4	4.5	6.5	12.1	16.3	19.6	19.9	19.9	23.8	24.8	24.8	24.8	24.8	27.8	
1983	13.3	16.9	22.3	25.0	27.1	28.2	28.2	28.2	28.2	28.2	28.8	28.8	28.8	34.6	
1982	9.1	12.2	14.5	16.1	16.7	17.0	17.0	17.0	17.0	17.0	17.0	17.1	17.1	24.7	
1981	8.2	13.7	15.4	18.5	27.7	29.5	30.1	32.0	33.7	33.7	33.7	33.7	33.8	33.8	
1980	5.2	6.0	6.2	6.6	6.7	6.8	8.4	10.6	12.6	14.4	17.3	19.5	21.0	26.6	
1979	2.0	3.2	4.3	5.3	6.3	7.7	7.8	7.9	7.9	8.1	10.6	12.4	12.6	12.6	
1978	4.8	5.2	5.3	6.4	6.9	7.2	10.2	11.3	11.4	11.4	11.6	12.3	15.9	28.1	*
1977	12.4	18.6	23.7	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	38.6	39.8	
1975	4.3	5.5	6.5	8.2	8.7	8.7	11.1	13.0	14.8	16.3	16.8	18.6	18.7	20.5	
1974	10.0	20.0	29.6	37.0	42.6	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	50.1	

OBSERVATION YEAR	MINUTE				HOUR										
	5	10	15	30	1	2	3	4	5	6	8	12	18	24	24 +
1973	2.8	4.4	5.0	7.1	9.4	16.7	21.4	26.2	28.2	29.8	32.0	33.7	33.7	33.7	
1972	5.5	5.5	5.5	5.5	12.7	12.8	13.3	13.6	13.6	13.6	13.9	15.5	18.6	19.1	
1971	10.0	17.0	20.0	21.3	21.3	21.7	21.7	21.7	22.3	22.8	23.9	23.9	24.4	30.2	
1970	2.0	3.5	6.0	7.4	7.7	9.0	11.2	13.5	15.4	17.1	17.7	20.2	20.3	24.7	
1969	3.2	4.0	3.7	6.3	9.5	13.1	13.5	13.7	14.4	16.9	27.9	30.2	31.5	37.5	
1968	5.8	9.7	9.7	13.2	14.2	16.7	22.5	26.0	26.1	26.1	26.1	26.1	26.1	26.1	
1967	5.3	7.6	8.7	10.2	11.2	11.4	11.4	11.4	11.4	11.4	12.4	16.0	29.0	29.6	
Term Number	43	43	43	43	43	43	43	43	43	43	43	43	43	43	44
Average	6.0	9.2	11.5	14.8	16.8	18.9	20.4	21.6	22.5	23.2	24.4	25.7	26.7	31.0	30.9
Max	13.3	24.3	30.1	52.1	61.4	66.6	80.6	88.4	93.3	98.8	100.2	100.5	100.6	100.8	100.8
Std. Deviation	3.06	5.56	7.41	10.42	11.45	11.52	12.97	13.59	14.01	14.48	14.42	14.16	14.23	13.67	13.51
Coefficient of Skewness	0.59	0.91	1.09	1.80	2.00	2.23	2.91	3.28	3.48	3.75	3.78	3.81	3.60	3.33	3.37
Appropriate Distribution Function	LP3	LP3	LP3	LP3	LP3	LP3	LP3	LP3	LP3	LP3	LP3	LP3	LP3	LP3	LP3
2 YEARS	5.6	7.9	9.5	11.8	13.5	15.8	16.8	17.8	18.6	19.2	20.4	21.6	22.8	27.7	27.8
5 YEARS	8.6	13.2	16.3	20.4	22.7	24.9	26.1	27.1	28.1	28.7	29.9	30.9	32.5	37.9	38.1
10 YEARS	10.4	17.0	21.5	27.6	30.4	32.3	34.2	35.3	36.4	37.1	38.4	39.3	41.0	45.8	46.1
25 YEARS	12.4	21.9	28.8	38.2	42.4	43.6	47.0	48.6	49.9	50.8	52.2	53.2	54.7	57.4	57.8
50 YEARS	13.7	25.7	34.7	47.4	53.0	53.5	58.7	61.0	62.3	63.6	65.1	66.3	67.1	67.3	67.6
100 YEARS	14.8	29.5	41.0	57.7	64.7	65.3	72.7	75.9	77.3	77.9	78.6	79.0	80.7	82.4	82.4

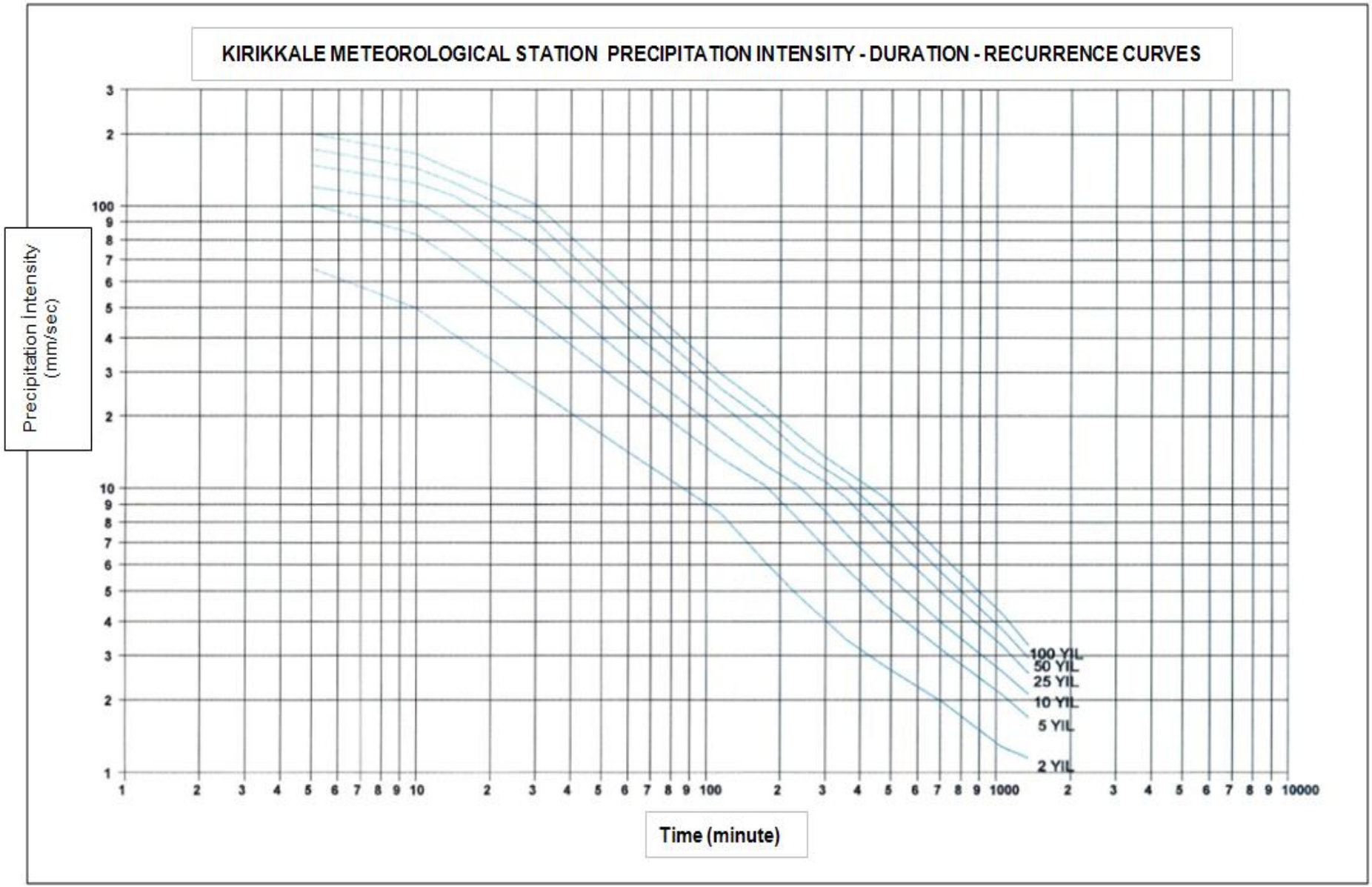

KIRIKKALE METEOROLOGICAL STATION PRECIPITATION INTENSITY - DURATION - RECURRENCE CURVES
Precipitation Intensity (mm/sec)
Time (minute)
100 YIL
50 YIL
25 YIL
10 YIL
5 YIL
2 YIL

Table 4: Kırıkale Meteorology Station Values of Precipitation Instensity – Duration – Recurrence Curves (mm)

Time	**5 min**	**10 min**	**15 min**	**30 min**	**1 hour**	**2 hour**	**3 hour**	**4 hour**	**5 hour**	**6 hour**	**8 hour**	**12 hour**	**18 hour**	**24 hour**
Return Period	Intensity of Precipitation (mm/hour) (after multiplication with max factor 1.13)													
2	**80,9**	62,7	**51,2**	31,7	18,2	10,1	7,3	5,8	4,9	4,2	3,3	2,3	1,6	1,2
5	**101,0**	78,2	**63,9**	39,5	22,7	12,6	9,1	7,3	6,1	5,2	4,1	2,9	2,0	1,6
10	**113,4**	87,9	**71,8**	44,4	25,5	14,2	10,2	8,1	6,8	5,8	4,6	3,2	2,2	1,8
25	**128,3**	99,4	**81,2**	50,2	28,9	16,0	11,6	9,2	7,7	6,6	5,2	3,7	2,5	2,0
50	**138,9**	107,7	**88,0**	54,4	31,3	17,4	12,5	10,0	8,3	7,1	5,6	4,0	2,7	2,1
100	**149,3**	115,7	**94,6**	58,5	33,6	18,7	13,5	10,7	9,0	7,7	6,1	4,3	2,9	2,3

*** Precipitation Area Value: Distribution coefficient of precipitation in the area for 5 and 15 minutes period

Table 5: The flood altitude which could reach to Natural Gas Combined Cycle Power Plant, m^3/h

Number of Basin	*Depth, m*	*Precipitation Area (A), km^2*	*L, m*	$h_{min}=h_0$	h_1	h_2	h_3	h_4	h_5	h_6	h_7	h_8	h_9	$h_{max}=h_{10}$	*S*	*The Method Used*	*The Meteorology Station Used*	*Curve No*	C_{100}	*Flood Altitude Results From Rain (Baseflow is not added to these flow rate.)*					
																				Q_2	Q_5	Q_{10}	Q_{25}	Q_{50}	Q_{100}
2	689	0,089	89	689										770	0,2571	Rational	*100% Kızılırmak*	-	0,10	0,09	0,14	0,18	0,24	0,30	0,37
3	692	0,1	100	692										758	0,1886	Rational	*100% Kızılırmak*	-	0,10	0,11	0,15	0,20	0,27	0,34	0,41

ANNEX – 22

Kırıkkale Province
Directorate of Environment
Annex-2 Permit

T.C.
KIRIKKALE GOVERNORSHIP
Provincial Directorate of Environment and Forestry

Number: B.23.0.4.ICO.71.0.10-435.02-958 14.07.2011
Subject: Wetland Permissions

MINISTRY OF FORESTRY AND WATER
Directorate of Nature Conservation and National Parks

The relevant file of Wetland Activity Permission Licence prepared in the scope of Regulation on Wetland Protection for the Eser Natural Gas Combined Cycle Power Plant Project with 835 MW installation power which is planning to be operated in 227.000 m^2 area in Kılıçlar Town, Yahşihan County, Kırıkkale Province by Farcan Energy Generation Co. Inc. is provided in the appendix.

Project area is evaluated in the scope of Regulation on Wetland Protection and it is observed that operation activities take place in river protection guard band. In the commitment letter and application file provided in the appendix, it is mentioned that required mitigation measures will be taken during operation and after operation phases. Promoting Wetland Activity Permission Licence is applicable from our Establishment side.

Respectfully submitted.

Veysel BULUR
Provincial Director Representative

Appendixes:
Appendix 1-Evaluation Report
Appendix 2-File

ANNEX – 23

The General Directorate of State Hydraulic Works – Caisson Well Comment Lettering

T.C.
MINISTRY OF ENVIRONMENT AND FORESTRY
General Directorate of State Hydraulic Works Ministry of Study and Planning Department

Number: B.23.1 DSİ. 0.10.03.00.110 – 407545 28/10/2011
Subject: Natural Gas Cycle Plant Water Requirement

FARCAN ENERJİ ÜRETİM A.Ş.
(Turan Güneş Bul. Cezayir Cad. 718. Sok. No.14 Yıldız / ÇANKAYA/ANKARA)

Ref: (a) Your Letter dated 21.01.2011
(b) Our Letter dated 21.04.2011 and numbered 140923
(c) Your Letter dated 12.10.2011 and numbered 65/11

Your demand on supplying 0.225 m3/h water from Kızılırmak River for Natural Gas Combined Cycle Power Plant located 103 block, 6 parcel within the boundaries of Kılıclar Town, Yahşihan County, Kırıkkale Province with your reference (a) correspondence is found convenient for the case taking water from caisson wells since there may exist energy losses in downstream HEP projects and legal problems may arise with our reference (b) correspondence.

It is requested for required permission in your reference (c) correspondence, 0.5 m^3/h water which is required for natural gas combined cycle power plant as a result of the feasibility studies will be supplied from caisson wells.

In the carried out survey, there is no objection to supply by drilling shallow wells up to 10 m with regard to provisions of Groundwater Law no. 167 in the said area. If it is purposed drilling more deeper than 10 m, must be applied to the DSİ 5^{th} Regional Directorate (ANKARA) and groundwater searching warrant and using warrant must be obtained.

In addition, 200 m land from axis in Kızılırmak River was taken to the scope of “Flood Water Law” with Legal Decision of Ministerial Cabinet dated 25.02.1952 and numbered 3/14533 and revised with legal decision dated 15.04.2008 and numbered 2008/13558. The demand of supplying 0.5m3/h water from caisson wells which will be used in the plant, is found convenient with cases of deciding the well locations in such a way that river flood will not be affected and receiving the opinion of our foundation.

Kindly submitted for your information.

Ömer ÖZDEMİR
Deputy General Manager

TABLE OF PERSONNEL UNDERTAKEN TO BE EMPLOYED WITHIN THE SCOPE OF THE COMMUNIQUÉ ON THE CERTIFICATE OF COMPETENCE

Name of the Project : REPORT ON ENVIRONMENTAL IMPACT ASSESSMENT (EIA) FOR INTEGRATED PROJECT OF ESER NATURAL GAS COMBINED CYCLE POWER PLANT AND READY-MIXED CONCRETE PLANT

Owner of the Project : FARCAN ENERJİ ÜRETİM A.Ş.

Location of the Project : Kırıkkale Province, Yahşihan District, Kılıçlar Municipality

Competence Certf. No. : 180

Personnel to be employed pursuant to the relevant Article of the Communiqué	**Name-Surname**	**Profession**	**Part, Page, chapter, annexes, etc. on which he/she is accountable**	**Signature**
Environmental Engineer (Article 5/1-a)	Özlem AYTÖRE ALTINDAL	Environmental Engineer	Chapter 1, 5, 6, 8, 10, 11	
	Bahar ADVAN	Environmental Engineer	Chapter 1,8	
Personnel graduated from Faculties of Engineering or Architecture or from the Department of …….Faculty or Academy or four-year term higher school or Depart-ments of …….. Faculty of Science and Literature (Article 5/1-b)	Mehmet DÖNMEZ	Civil Engineer	Chapter 1,3	
	M. Kemal TUFAN	Civil Engineer	Chapter 3	
	Vedat MENDEŞ	Geology Engineer	Chapter 4	
Personnel involved in the Professional Group determined by the Commission of Scope Determination and Examination or by the Commission of PTD Examination/Assessment	-	-	-	-
Report Coordinator (Article 5/1-c)	Korhan Y. ALTINDAL	Environmental Engineer	Full Report	

TABLE OF PERSONNEL UNDERTAKEN TO BE EMPLOYED WITHIN THE SCOPE OF THE COMMUNIQUÉ ON THE CERTIFICATE OF COMPETENCE

Name of the Project : REPORT ON ENVIRONMENTAL IMPACT ASSESSMENT (EIA) FOR INTEGRATED PROJECT OF ESER NATURAL GAS COMBINED CYCLE POWER PLANT AND READY-MIXED CONCRETE PLANT

Owner of the Project : FARCAN ENERJİ ÜRETİM A.Ş.

Location of the Project : Kırıkkale Province, Yahşihan District, Kılıçlar Municipality

Competence Certf. No. : 180

Personnel to be employed pursuant to the relevant Article of the Communiqué	**Name-Surname**	**Profession**	**Part, Page, chapter, annexes, etc. on which he/she is accountable**	**Signature**
Personnel falling within the scope of (Article 5/1-ç)	İlhan Adiloğlu	Civil Engineer	Chapter 1, 3	
	Gizem Kıymaz	Environmental Engineer	Chapter 1,5,6,8,9	
	Hazal Tonguç	Biologist	Chapter 1,4,5,6,8	
	Tuncer Akyol	Civil Engineer	Chapter-2	
	Anıl Alıcı	Civil Engineer	Chapter 1,2	
	Yurdagül Arslan	Civil Engineer	Chapter 1, 2	
	Erdem Berber	Meteorology Engineer	Chapter 4,,5	
	Beyhan Buttanrı	Civil Engineer	Chapter 2	
	Kutluay Çınar	Map Engineer	Chapter 2, 4	

TABLE OF PERSONNEL UNDERTAKEN TO BE EMPLOYED WITHIN THE SCOPE OF THE COMMUNIQUÉ ON THE CERTIFICATE OF COMPETENCE

Name of the Project : REPORT ON ENVIRONMENTAL IMPACT ASSESSMENT (EIA) FOR INTEGRATED PROJECT OF ESER NATURAL GAS COMBINED CYCLE POWER PLANT AND READY-MIXED CONCRETE PLANT

Owner of the Project : FARCAN ENERJİ ÜRETİM A.Ş.

Location of the Project : Kırıkkale Province, Yahşihan District, Kılıçlar Municipality

Competence Certf. No. : 180

Personnel to be employed pursuant to the relevant Article of the Communiqué	**Name-Surname**	**Profession**	**Part, Page, chapter, annexes, etc. on which he/she is accountable**	**Signature**
Personnel falling within the scope of (Article 5/1-ç)	M. Gündüzalp Dikmenoğlu	Civil Engineer	Chapter 2	
	Mustafa Barış Erçen	Civil Engineer	Chapter 2	
	Hüseyin Gören	Civil Engineer	Chapter 2	
	Nergiz İspir	Electrical Engineer	Chapter 2,3,4,5,7	
	Fatih keskin	Civil Engineer	Chapter-2	
	Ayla Küçük	Civil Engineer	Chapter 2	
	Osman Özçelik	Mechanical Engineer	Chapter 2,3,4,5,7	
	Kıymet Piroğlu	Civil Engineer	Chapter 2,,5	
	İ. Sinan Tufan	Agricultural Engineer	Chapter 2,4	
	Ecehan Tufan	Agricultural Engineer	Chapter 2, 4	