

GENERADORES CATERPILLAR

CO STARTING
 TITLEONE MOTORES CATERPILLAR MODELO 3516B
 TITLETWO Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 1800 rpm y 41110 v-PS
 MODELOPT DFAULT RURAL CONC
 AVERTIME PERIOD 24 8 1
 POLLUTID PM
 TERRHGT ELEV
 FLAGPOLE 90
 DCAYCOEF 0.00000
 RUNORNOT RUN
 CO FINISHED

SO STARTING
 EMISUNIT 0.100000E+07 (GRAMS/SEC) (MICROGRAMS/CUBIC-METER)
 LOCATION MOTOR1 POINT 0.0 0.0 0.0
 ** Point Source QS HS TS VS DS
 ** Parameters:
 SRCPARAM MOTOR1 9.415E-07 2.5 496.15 7.468 0.36
 BUILDHGT MOTOR1 36*2.5
 BUILDWID MOTOR1 18*12.192
 BUILDWID MOTOR1 18*1.7
 LOCATION MOTOR2 POINT 0.0 0.0 0.0
 ** Point Source QS HS TS VS DS
 ** Parameters:
 SRCPARAM MOTOR2 1.95E-6 2.5 475.15 9.296 0.36
 BUILDHGT MOTOR2 36*2.5
 BUILDWID MOTOR2 18*12.192
 BUILDWID MOTOR2 18*1.7
 LOCATION MOTOR3 POINT 0.0 0.0 0.0
 ** Point Source QS HS TS VS DS
 ** Parameters:
 SRCPARAM MOTOR3 5.1893E-06 2.5 448.15 6.858 0.36
 BUILDHGT MOTOR3 36*2.5
 BUILDWID MOTOR3 18*12.192
 BUILDWID MOTOR3 18*1.7
 SRCGROUP ALL
 SO FINISHED

RE STARTING
 GRIDPOLR
 POL1 STA
 POL1 ORIG 0.0 0.0
 POL1 DIST 50. 100. 150. 200. 250. 300. 350. 400. 450. 500. 550. 600. 650. 700. 750. 800. 850. 900. 950. 1000.
 POL1 DDIR 45. 90. 135. 180. 225. 270. 315. 360.
 POL1 ELEV 45. 90. 90. 90. 90. 95. 95. 90. 90. 95. 90. 90. 90. 105. 65. 65. 65. 80. 100. 110. 100.
 POL1 ELEV 90. 90. 90. 90. 90. 90. 90. 90. 90. 95. 65. 80. 70. 70. 65. 65. 65. 105. 65. 65.
 POL1 ELEV 135. 90. 90. 90. 90. 90. 90. 90. 90. 90. 95. 105. 105. 65. 65. 65. 70. 90. 100. 100.
 POL1 ELEV 180. 90. 95. 95. 90. 95. 95. 95. 90. 90. 95. 95. 95. 105. 105. 65. 70. 70. 80. 70.
 POL1 ELEV 225. 90. 90. 90. 90. 90. 90. 90. 95. 105. 95. 105. 95. 90. 90. 90. 90. 90. 95. 90.
 POL1 ELEV 270. 90. 90. 90. 90. 95. 95. 90. 90. 90. 90. 105. 105. 90. 90. 95. 95. 90. 95. 90.
 POL1 ELEV 315. 90. 90. 90. 95. 95. 95. 95. 95. 95. 95. 95. 95. 90. 90. 90. 90. 90. 95. 95.
 POL1 ELEV 365. 90. 90. 90. 95. 95. 65. 70. 80. 90. 100. 110. 90. 80. 80. 65. 95. 90. 95. 105.
 POL1 FLAG 45. 90. 90. 90. 90. 95. 95. 90. 90. 90. 95. 90. 90. 105. 65. 65. 65. 80. 100. 110.
 POL1 FLAG 90. 90. 90. 90. 90. 90. 90. 90. 90. 90. 95. 65. 80. 70. 70. 65. 65. 105. 65. 65.
 POL1 FLAG 135. 90. 90. 90. 90. 90. 90. 90. 90. 90. 95. 105. 105. 65. 65. 65. 70. 90. 100. 100.
 POL1 FLAG 180. 90. 95. 95. 90. 95. 95. 95. 90. 90. 95. 95. 95. 105. 105. 65. 70. 80. 80. 70.
 POL1 FLAG 225. 90. 90. 90. 90. 90. 90. 90. 95. 105. 95. 105. 95. 90. 90. 90. 90. 90. 95. 90.
 POL1 FLAG 270. 90. 90. 90. 90. 95. 95. 90. 90. 90. 90. 105. 105. 90. 90. 95. 95. 90. 95. 90.
 POL1 FLAG 315. 90. 90. 90. 95. 95. 95. 95. 95. 95. 95. 95. 95. 90. 90. 90. 90. 90. 95. 95.
 POL1 FLAG 360. 90. 90. 90. 95. 95. 65. 70. 80. 90. 100. 110. 90. 80. 80. 65. 95. 90. 95. 105.
 GRIDPOLR POL1 END

RE GRIDCART RECEPTORES STA
 XPNTS 2968. 5390. 7656. 10234.
 YPNTS -1328. 0. 468. 1250.
 ELEV 1 110. 110. 100. 110.
 ELEV 2 105. 105. 105. 105.
 ELEV 3 90. 90. 90. 90.

ELEV	4	70.	70.	70.	70.
FLAG	1	110.	110.	110.	110.
FLAG	2	105.	105.	105.	105.
FLAG	3	90.	90.	90.	90.
FLAG	4	70.	70.	70.	70.

RE GRIDCART RECEPTORES END

RE FINISHED

ME STARTING
 ME INPUTFIL C:\PETA\DATAMET\PM93-97.ASC
 ME ANEMHGHT 90.0 FEET
 ME SURFDATA 1 1993 COCO SOLO
 ME UAIRDATA 1 1993 COCO SOLO
 ME FINISHED

OU STARTING
 OU RECTABLE ALLAVE FIRST
 OU RECTABLE 24 SEVENTH
 OU FINISHED

 *** SETUP Finishes Successfully ***

□ *** ISCS3 - VERSION 02035 ***	*** MOTORES CATERPILLAR MODELO 3516B	***	03/02/08
	*** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18	***	03:42:01
**MODELOPTS:			PAGE 1
CONC	RURAL ELEV FLGPOL DFAULT		

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --
 **Model Uses NO DRY DEPLETION. DDPLETE = F
 **Model Uses NO WET DEPLETION. WDPLETE = F
 **NO WET SCAVENGING Data Provided.
 **NO GAS DRY DEPOSITION Data Provided.
 **Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DEFAULT Options:
 1. Final Plume Rise.
 2. Stack-tip Downwash.
 3. Buoyancy-induced Dispersion.
 4. Use Calms Processing Routine.
 5. Not Use Missing Data Processing Routine.
 6. Default Wind Profile Exponents.
 7. Default Vertical Potential Temperature Gradients.
 8. "Upper Bound" Values for Supersquat Buildings.
 9. No Exponential Decay for RURAL Mode

**Model Accepts Receptors on ELEV Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates 3 Short Term Average(s) of: 24-HR 8-HR 1-HR
 and Calculates PERIOD Averages

**This Run Includes: 3 Source(s); 1 Source Group(s); and 176 Receptor(s)

**The Model Assumes A Pollutant Type of: PM

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

**Output Options Selected:

GENERADORES CATERPILLAR

Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE 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: Anem. Hgt. (m) = 27.43 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = (GRAMS/SEC) ; Emission Rate Unit Factor = 0.10000E+07
Output Units = (MICROGRAMS/CUBIC-METER)

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: cat123-p.inp
**Output Print File: cat123-p.out

*** ISCS T3 - VERSION 02035 *** MOTORES CATERPILLAR MODELO 3516B *** 03/02/08
*** Numero de serie 7RN01007, con taza de 1825kwe, 2281 Kva, 110 Hz, 18 *** 03:42:01
PAGE 2

**MODELOPTS:
CONC RURAL ELEV FLGPOL DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (USER UNITS)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
MOTOR1	0	0.94150E-06	0.0	0.0	0.0	2.50	496.15	7.47	0.36	YES	
MOTOR2	0	0.19500E-05	0.0	0.0	0.0	2.50	475.15	9.30	0.36	YES	
MOTOR3	0	0.51893E-05	0.0	0.0	0.0	2.50	448.15	6.86	0.36	YES	

*** ISCS T3 - VERSION 02035 *** MOTORES CATERPILLAR MODELO 3516B *** 03/02/08
*** Numero de serie 7RN01007, con taza de 1825kwe, 2281 Kva, 110 Hz, 18 *** 03:42:01
PAGE 3

**MODELOPTS:
CONC RURAL ELEV FLGPOL DFAULT

*** SOURCE IDS DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDS

ALL MOTOR1 , MOTOR2 , MOTOR3 ,
*** ISCS T3 - VERSION 02035 *** MOTORES CATERPILLAR MODELO 3516B *** 03/02/08
*** Numero de serie 7RN01007, con taza de 1825kwe, 2281 Kva, 110 Hz, 18 *** 03:42:01
PAGE 4

**MODELOPTS:
CONC RURAL ELEV FLGPOL DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: MOTOR1

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	2.5,	12.2,	0	2	2.5,	12.2,	0	3	2.5,	12.2,	0	4	2.5,	12.2,	0	5	2.5,	12.2,	0
7	2.5,	12.2,	0	8	2.5,	12.2,	0	9	2.5,	12.2,	0	10	2.5,	12.2,	0	11	2.5,	12.2,	0
13	2.5,	12.2,	0	14	2.5,	12.2,	0	15	2.5,	12.2,	0	16	2.5,	12.2,	0	17	2.5,	12.2,	0
19	2.5,	1.7,	0	20	2.5,	1.7,	0	21	2.5,	1.7,	0	22	2.5,	1.7,	0	23	2.5,	1.7,	0
25	2.5,	1.7,	0	26	2.5,	1.7,	0	27	2.5,	1.7,	0	28	2.5,	1.7,	0	29	2.5,	1.7,	0
31	2.5,	1.7,	0	32	2.5,	1.7,	0	33	2.5,	1.7,	0	34	2.5,	1.7,	0	35	2.5,	1.7,	0

SOURCE ID: MOTOR2

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	2.5,	12.2,	0	2	2.5,	12.2,	0	3	2.5,	12.2,	0	4	2.5,	12.2,	0	5	2.5,	12.2,	0
7	2.5,	12.2,	0	8	2.5,	12.2,	0	9	2.5,	12.2,	0	10	2.5,	12.2,	0	11	2.5,	12.2,	0
13	2.5,	12.2,	0	14	2.5,	12.2,	0	15	2.5,	12.2,	0	16	2.5,	12.2,	0	17	2.5,	12.2,	0

												GENERADORES CATERPILLAR											
19	2.5,	1.7,	0	20	2.5,	1.7,	0	21	2.5,	1.7,	0	22	2.5,	1.7,	0	23	2.5,	1.7,	0	24	2.5,	1.7,	0
25	2.5,	1.7,	0	26	2.5,	1.7,	0	27	2.5,	1.7,	0	28	2.5,	1.7,	0	29	2.5,	1.7,	0	30	2.5,	1.7,	0
31	2.5,	1.7,	0	32	2.5,	1.7,	0	33	2.5,	1.7,	0	34	2.5,	1.7,	0	35	2.5,	1.7,	0	36	2.5,	1.7,	0

SOURCE ID: MOTOR3

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	2.5,	12.2,	0	2	2.5,	12.2,	0	3	2.5,	12.2,	0	4	2.5,	12.2,	0	5	2.5,	12.2,	0	6	2.5,	12.2,	0
7	2.5,	12.2,	0	8	2.5,	12.2,	0	9	2.5,	12.2,	0	10	2.5,	12.2,	0	11	2.5,	12.2,	0	12	2.5,	12.2,	0
13	2.5,	12.2,	0	14	2.5,	12.2,	0	15	2.5,	12.2,	0	16	2.5,	12.2,	0	17	2.5,	12.2,	0	18	2.5,	12.2,	0
19	2.5,	1.7,	0	20	2.5,	1.7,	0	21	2.5,	1.7,	0	22	2.5,	1.7,	0	23	2.5,	1.7,	0	24	2.5,	1.7,	0
25	2.5,	1.7,	0	26	2.5,	1.7,	0	27	2.5,	1.7,	0	28	2.5,	1.7,	0	29	2.5,	1.7,	0	30	2.5,	1.7,	0
31	2.5,	1.7,	0	32	2.5,	1.7,	0	33	2.5,	1.7,	0	34	2.5,	1.7,	0	35	2.5,	1.7,	0	36	2.5,	1.7,	0

*** ISCS3 - VERSION 02035 *** *** MOTORES CATERPILLAR MODELO 3516B *** 03/02/08
*** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 *** 03:42:01
**MODELOPTS: PAGE 5
CONC RURAL ELEV FLGPOL DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: POL1 ; NETWORK TYPE: GRIDPOLR ***

*** ORIGIN FOR POLAR NETWORK ***
X-ORIG = 0.00 ; Y-ORIG = 0.00 (METERS)

*** DISTANCE RANGES OF NETWORK ***
(METERS)

50.0,	100.0,	150.0,	200.0,	250.0,	300.0,	350.0,	400.0,	450.0,	500.0,
550.0,	600.0,	650.0,	700.0,	750.0,	800.0,	850.0,	900.0,	950.0,	1000.0,

*** DIRECTION RADIALS OF NETWORK ***
(DEGREES)

45.0, 90.0, 135.0, 180.0, 225.0, 270.0, 315.0, 360.0,
*** ISCS3 - VERSION 02035 *** *** MOTORES CATERPILLAR MODELO 3516B *** 03/02/08
*** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 *** 03:42:01
**MODELOPTS: PAGE 6
CONC RURAL ELEV FLGPOL DFAULT

*** NETWORK ID: POL1 ; NETWORK TYPE: GRIDPOLR ***

* ELEVATION HEIGHTS IN METERS *

DIRECTION (DEGREES)	50.00	100.00	150.00	200.00	250.00	300.00	350.00	400.00	450.00
45.00	90.00	90.00	90.00	90.00	95.00	95.00	90.00	90.00	95.00
90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	95.00
135.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
180.00	90.00	95.00	95.00	90.00	95.00	95.00	95.00	90.00	90.00
225.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	95.00	105.00
270.00	90.00	90.00	90.00	90.00	95.00	95.00	90.00	90.00	90.00
315.00	90.00	90.00	90.00	90.00	95.00	95.00	95.00	95.00	95.00
360.00	90.00	90.00	90.00	95.00	95.00	65.00	70.00	80.00	90.00

*** ISCS3 - VERSION 02035 *** *** MOTORES CATERPILLAR MODELO 3516B *** 03/02/08
*** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 *** 03:42:01
**MODELOPTS: PAGE 7
CONC RURAL ELEV FLGPOL DFAULT

*** NETWORK ID: POL1 ; NETWORK TYPE: GRIDPOLR ***

* ELEVATION HEIGHTS IN METERS *

GENERADORES CATERPILLAR

DIRECTION (DEGREES)	DISTANCE (METERS)								
	500.00	550.00	600.00	650.00	700.00	750.00	800.00	850.00	900.00
45.00	90.00	90.00	90.00	105.00	65.00	65.00	65.00	80.00	100.00
90.00	65.00	80.00	70.00	70.00	65.00	65.00	65.00	105.00	65.00
135.00	95.00	105.00	105.00	65.00	65.00	65.00	70.00	90.00	100.00
180.00	95.00	95.00	95.00	105.00	105.00	65.00	70.00	70.00	80.00
225.00	95.00	105.00	95.00	90.00	90.00	90.00	90.00	90.00	95.00
270.00	90.00	105.00	105.00	90.00	90.00	95.00	95.00	90.00	95.00
315.00	95.00	95.00	95.00	90.00	90.00	90.00	90.00	90.00	90.00
360.00	100.00	110.00	90.00	80.00	80.00	65.00	95.00	90.00	95.00

*** ISCST3 - VERSION 02035 ***
 *** MOTORES CATERPILLAR MODELO 3516B
 *** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 ***
 03/02/08
 03:42:01
 PAGE 8

**MODELOPTS:
 CONC RURAL ELEV FLGPOL DFAULT

*** NETWORK ID: POL1 ; NETWORK TYPE: GRIDPOLR ***

* ELEVATION HEIGHTS IN METERS *

DIRECTION (DEGREES)	DISTANCE (METERS)	
	950.00	1000.00
45.00	110.00	100.00
90.00	65.00	65.00
135.00	100.00	100.00
180.00	80.00	70.00
225.00	95.00	90.00
270.00	95.00	90.00
315.00	95.00	95.00
360.00	95.00	105.00

*** ISCST3 - VERSION 02035 ***
 *** MOTORES CATERPILLAR MODELO 3516B
 *** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 ***
 03/02/08
 03:42:01
 PAGE 9

**MODELOPTS:
 CONC RURAL ELEV FLGPOL DFAULT

*** NETWORK ID: POL1 ; NETWORK TYPE: GRIDPOLR ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

DIRECTION (DEGREES)	DISTANCE (METERS)								
	50.00	100.00	150.00	200.00	250.00	300.00	350.00	400.00	450.00
45.00	90.00	90.00	90.00	90.00	95.00	95.00	90.00	90.00	95.00
90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	95.00
135.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
180.00	90.00	95.00	95.00	90.00	95.00	95.00	95.00	90.00	90.00
225.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	95.00	105.00
270.00	90.00	90.00	90.00	90.00	95.00	95.00	90.00	90.00	90.00
315.00	90.00	90.00	90.00	95.00	95.00	95.00	95.00	95.00	95.00
360.00	90.00	90.00	90.00	95.00	95.00	65.00	70.00	80.00	90.00

*** ISCST3 - VERSION 02035 ***
 *** MOTORES CATERPILLAR MODELO 3516B
 *** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 ***
 03/02/08
 03:42:01
 PAGE 10

**MODELOPTS:
 CONC RURAL ELEV FLGPOL DFAULT

*** NETWORK ID: POL1 ; NETWORK TYPE: GRIDPOLR ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

DIRECTION (DEGREES)	DISTANCE (METERS)								
	500.00	550.00	600.00	650.00	700.00	750.00	800.00	850.00	900.00

*** ISCST3 - VERSION 02035 ***

*** MOTORES CATERPILLAR MODELO 3516B ***

*** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 ***

```

**MODELOPTs:
CONC          RURAL  ELEV  FLGPOL  DFAULT

```

*** NETWORK ID: POL1 : NETWORK TYPE: GRIDPOLR ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

DIRECTION (DEGREES)	DISTANCE (METERS)	
	950.00	1000.00
45.00	110.00	100.00
90.00	65.00	65.00
135.00	100.00	100.00
180.00	80.00	70.00
225.00	95.00	90.00
270.00	95.00	90.00
315.00	95.00	95.00
360.00	95.00	105.00

```

*** ICSCT3 - VERSION 02035 ***
*** MOTORES CATERPILLAR MODELO 3516B ***
*** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 ***
**MODELOPTS:

```

```

**MODELOPTS:
CONC          RURAL ELEV  FLGPOL DFAULT

```

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: RECEPTOR ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

2968.0, 5390.0, 7656.0, 10234.0,

*** Y-COORDINATES OF GRID ***
(METERS)

```

-1328.0,      0.0,      468.0,      1250.0,
*** ISCST3 - VERSION 02035 ***      MOTORES CATERPILLAR MODELO 3516B      ***      03/02/08
***      ***      ***      Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 ***      03:42:01

```

```

**MODELOPTS:
CONC          RURAL ELEV  FLGPOL DFAULT

```

*** NETWORK ID: RECEPTOR ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)			
	2968.00	5390.00	7656.00	10234.00
1250.00	70.00	70.00	70.00	70.00
468.00	90.00	90.00	90.00	90.00
0.00	105.00	105.00	105.00	105.00
-1328.00	110.00	110.00	100.00	110.00

*** ISCS7 - VERSION 02035 *** MOTORES CATERPILLAR MODELO 3516B *** 03/02/08
 *** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 *** 03:42:01
 **MODELOPTS: PAGE 14

RURAL ELEV FLGPOL DFAULT

MODELO DE CALIDAD DE AIRE

*** NETWORK ID: RECEPTOR ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	2968.00	5390.00	7656.00	X-COORD (METERS) 10234.00		
1250.00	70.00	70.00	70.00	70.00		
468.00	90.00	90.00	90.00	90.00		
0.00	105.00	105.00	105.00	105.00		
-1328.00	110.00	110.00	110.00	110.00		
*** ICSST3 - VERSION 02035 ***	*** MOTORES CATERPILLAR MODELO 3516B ***				03/02/08	
	*** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 ***				03:42:01	
**MODELOPTS:					PAGE	15
CONC	RURAL ELEV	FLGPOL	DFAULT			

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

[illegible]

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

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

1.54, 3.09, 5.14, 8.23, 10.80,

```
*** WIND PROFILE EXPONENTS ***
```

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
B	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
C	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00
D	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
E	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00
F	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

```

*** ISCST3 - VERSION 02035 ***      *** MOTORES CATERPILLAR MODELO 3516B ***      03/02/08
*** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 ***      03:42:01
**MODELOPTS:
CONC          RURAL ELEV  FLGPOL DFAULT      PAGE  16

```

MODELO DE CALIDAD DE AIRE

GENERADORES CATERPILLAR

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

FILE: C:\PETA\DATAMET\PM93-97.ASC

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,F9.4,f10.1,f8.4,i4,f7.2)

SURFACE STATION NO.: 1

UPPER AIR STATION NO.: 1

NAME: COCO

NAME: COCO

YEAR: 1993

YEAR: 1993

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
93	01	01	01	151.0	2.06	297.0	6	127.0	80.0	0.0000	0.0	0.0000	0	0.00
93	01	01	02	128.0	2.57	297.0	6	127.0	80.0	0.0000	0.0	0.0000	0	0.00
93	01	01	03	194.0	1.54	297.0	7	127.0	80.0	0.0000	0.0	0.0000	0	0.00
93	01	01	04	143.0	2.57	298.2	6	127.0	80.0	0.0000	0.0	0.0000	0	0.00
93	01	01	05	143.0	2.57	298.2	6	127.0	80.0	0.0000	0.0	0.0000	0	0.00
93	01	01	06	162.0	2.06	297.0	6	127.0	80.0	0.0000	0.0	0.0000	0	0.00
93	01	01	07	155.0	2.57	297.0	5	6.6	82.4	0.0000	0.0	0.0000	0	0.00
93	01	01	08	153.0	3.09	297.0	4	23.8	88.8	0.0000	0.0	0.0000	0	0.00
93	01	01	09	137.0	3.09	299.3	3	41.0	95.2	0.0000	0.0	0.0000	0	0.00
93	01	01	10	151.0	3.09	300.9	2	58.2	101.5	0.0000	0.0	0.0000	0	0.00
93	01	01	11	164.0	3.60	302.0	2	75.4	107.9	0.0000	0.0	0.0000	0	0.00
93	01	01	12	156.0	5.66	303.2	3	92.6	114.3	0.0000	0.0	0.0000	0	0.00
93	01	01	13	153.0	4.63	303.2	3	109.8	120.6	0.0000	0.0	0.0000	0	0.00
93	01	01	14	139.0	4.63	303.2	3	127.0	127.0	0.0000	0.0	0.0000	0	0.00
93	01	01	15	152.0	6.17	303.2	4	127.0	127.0	0.0000	0.0	0.0000	0	0.00
93	01	01	16	164.0	5.14	300.9	4	127.0	127.0	0.0000	0.0	0.0000	0	0.00
93	01	01	17	161.0	4.12	300.9	4	127.0	127.0	0.0000	0.0	0.0000	0	0.00
93	01	01	18	147.0	5.14	300.4	4	127.0	127.0	0.0000	0.0	0.0000	0	0.00
93	01	01	19	154.0	4.12	300.4	5	132.7	132.0	0.0000	0.0	0.0000	0	0.00
93	01	01	20	147.0	4.12	299.3	5	139.1	137.6	0.0000	0.0	0.0000	0	0.00
93	01	01	21	140.0	2.57	299.3	6	145.5	143.2	0.0000	0.0	0.0000	0	0.00
93	01	01	22	152.0	5.14	299.3	5	151.9	148.8	0.0000	0.0	0.0000	0	0.00
93	01	01	23	160.0	4.63	299.3	5	158.3	154.4	0.0000	0.0	0.0000	0	0.00
93	01	01	24	150.0	3.60	299.3	5	164.6	160.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

*** ISCT3 - VERSION 02035 ***

*** MOTORES CATERPILLAR MODELO 3516B

*** Numero de serie 7RN01007, con taza de 1825kwe, 2281 Kva, 110 Hz, 18 ***

03/02/08

03:42:01

PAGE 17

**MODELOPTS:

CONC

RURAL ELEV FLGPOL DFAULT

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): MOTOR1 , MOTOR2 , MOTOR3 ,

*** NETWORK ID: POL1 ; NETWORK TYPE: GRIDPOLR ***

** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

DIRECTION (DEGREES)	50.00	100.00	150.00	200.00	250.00	300.00	350.00	400.00	450.00
45.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
90.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
135.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
180.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
225.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
270.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
315.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
360.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

*** ISCT3 - VERSION 02035 ***

*** MOTORES CATERPILLAR MODELO 3516B

*** Numero de serie 7RN01007, con taza de 1825kwe, 2281 Kva, 110 Hz, 18 ***

03/02/08

03:42:01

PAGE 18

**MODELOPTS:

CONC

RURAL ELEV FLGPOL DFAULT

MODELO DE CALIDAD DE AIRE

GENERADORES CATERPILLAR

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): MOTOR1 , MOTOR2 , MOTOR3 ,

*** NETWORK ID: POL1 ; NETWORK TYPE: GRIDPOLR ***

** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

DIRECTION (DEGREES)	500.00	550.00	600.00	650.00	700.00	750.00	800.00	850.00	900.00
45.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
90.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
135.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
180.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
225.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
270.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
315.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
360.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

*** ISCST3 - VERSION 02035 *** MOTORES CATERPILLAR MODELO 3516B *** 03/02/08
Numero de serie 7RN01007, con taza de 1825kwe, 2281 Kva, 110 Hz, 18 *** 03:42:01
**MODELOPTS: RURAL ELEV FLGPOL DFAULT PAGE 19
CONC

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): MOTOR1 , MOTOR2 , MOTOR3 ,

*** NETWORK ID: POL1 ; NETWORK TYPE: GRIDPOLR ***

** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

DIRECTION (DEGREES)	950.00	1000.00
45.00	0.00000	0.00000
90.00	0.00000	0.00000
135.00	0.00000	0.00000
180.00	0.00000	0.00000
225.00	0.00000	0.00000
270.00	0.00000	0.00000
315.00	0.00000	0.00000
360.00	0.00000	0.00000

*** ISCST3 - VERSION 02035 *** MOTORES CATERPILLAR MODELO 3516B *** 03/02/08
Numero de serie 7RN01007, con taza de 1825kwe, 2281 Kva, 110 Hz, 18 *** 03:42:01
**MODELOPTS: RURAL ELEV FLGPOL DFAULT PAGE 20
CONC

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): MOTOR1 , MOTOR2 , MOTOR3 ,

*** NETWORK ID: RECEPTOR ; NETWORK TYPE: GRIDCART ***

** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

Y-COORD (METERS)	2968.00	5390.00	7656.00	X-COORD (METERS)	10234.00
1250.00	0.00000	0.00000	0.00000	0.00000	
468.00	0.00000	0.00000	0.00000	0.00000	
0.00	0.00000	0.00000	0.00000	0.00000	
-1328.00	0.00000	0.00000	0.00000	0.00000	

*** ISCST3 - VERSION 02035 *** MOTORES CATERPILLAR MODELO 3516B *** 03/02/08
Numero de serie 7RN01007, con taza de 1825kwe, 2281 Kva, 110 Hz, 18 *** 03:42:01
**MODELOPTS: RURAL ELEV FLGPOL DFAULT PAGE 21
CONC

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): MOTOR1 , MOTOR2 , MOTOR3 ,

MODELO DE CALIDAD DE AIRE

GENERADORES CATERPILLAR

*** NETWORK ID: POL1 ; NETWORK TYPE: GRIDPOLR ***

** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

DIRECTION (DEGREES)	50.00	100.00	150.00	200.00	250.00
45.0	0.00000c(93042824)	0.00000c(93042824)	0.00000c(93042824)	0.00000 (96103024)	0.00001 (96103024)
90.0	0.00000 (94080724)	0.00000c(93011024)	0.00000 (96020124)	0.00000 (96020124)	0.00001 (96020124)
135.0	0.00000 (93082724)	0.00000 (93082724)	0.00000 (96071524)	0.00000 (96071524)	0.00001 (96071524)
180.0	0.00000c(95051624)	0.00000c(95051624)	0.00000c(95051624)	0.00000c(95060824)	0.00001c(95060824)
225.0	0.00000 (95070524)	0.00000 (95070524)	0.00000 (96061724)	0.00000 (96061724)	0.00001 (96061724)
270.0	0.00000c(93070524)	0.00000c(94053124)	0.00000c(94053124)	0.00000c(94053124)	0.00001c(94053124)
315.0	0.00000 (94080724)	0.00000 (94080724)	0.00000 (96071024)	0.00000 (96071024)	0.00001 (96071024)
360.0	0.00000 (94080724)	0.00000 (94080724)	0.00000 (94080724)	0.00000 (94080724)	0.00001 (94080724)

*** ISCS3 - VERSION 02035 *** MOTORES CATERPILLAR MODELO 3516B *** 03/02/08
 *** Numero de serie 7RN01007, con taza de 1825kwe, 2281 Kva, 110 Hz, 18 *** 03:42:01
 **MODELOPTS: RURAL ELEV FLGPOL DFAULT PAGE 22

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): MOTOR1 , MOTOR2 , MOTOR3 ,

*** NETWORK ID: POL1 ; NETWORK TYPE: GRIDPOLR ***

** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

DIRECTION (DEGREES)	300.00	350.00	400.00	450.00	500.00
45.0	0.00001 (96103024)	0.00002 (96103024)	0.00002 (96103024)	0.00002 (96103024)	0.00003 (93121624)
90.0	0.00001 (96020124)	0.00002 (96020124)	0.00002 (96020124)	0.00002 (96020124)	0.00003 (96021724)
135.0	0.00002 (96071524)	0.00002 (96071524)	0.00002 (96071524)	0.00002 (96071524)	0.00002 (96071524)
180.0	0.00001c(95060824)	0.00002c(95060824)	0.00002c(96050724)	0.00003c(96050724)	0.00002c(96050724)
225.0	0.00002 (96071424)	0.00002 (96071424)	0.00002 (96071424)	0.00002 (96071424)	0.00002 (96071424)
270.0	0.00001c(94053124)	0.00002c(94053124)	0.00002c(94053124)	0.00002c(94053124)	0.00002c(94053124)
315.0	0.00002 (96071024)	0.00002 (96071024)	0.00003 (96071024)	0.00003 (96071024)	0.00003 (96071024)
360.0	0.00005c(95061924)	0.00004c(95061924)	0.00003c(95061924)	0.00003c(95061924)	0.00002c(95061924)

*** ISCS3 - VERSION 02035 *** MOTORES CATERPILLAR MODELO 3516B *** 03/02/08
 *** Numero de serie 7RN01007, con taza de 1825kwe, 2281 Kva, 110 Hz, 18 *** 03:42:01
 **MODELOPTS: RURAL ELEV FLGPOL DFAULT PAGE 23

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): MOTOR1 , MOTOR2 , MOTOR3 ,

*** NETWORK ID: POL1 ; NETWORK TYPE: GRIDPOLR ***

** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

DIRECTION (DEGREES)	550.00	600.00	650.00	700.00	750.00
45.0	0.00003 (93121624)	0.00003 (93121624)	0.00002 (93121624)	0.00004 (93121624)	0.00004 (93121624)
90.0	0.00002 (96021724)	0.00002 (96021724)	0.00002 (97010124)	0.00002 (97010124)	0.00002 (97010124)
135.0	0.00002 (96071524)	0.00002 (93082724)	0.00003 (93112924)	0.00003 (93112924)	0.00003 (93112924)
180.0	0.00002c(96050724)	0.00002c(96050724)	0.00002c(96050724)	0.00002c(96050724)	0.00004c(95060824)
225.0	0.00002 (96071424)	0.00002 (96071424)	0.00002 (96071424)	0.00002 (96071424)	0.00002 (96071424)
270.0	0.00001c(94053124)	0.00001 (95070524)	0.00001 (95073124)	0.00001 (95073124)	0.00001 (95073124)
315.0	0.00003 (96071024)	0.00003 (96071024)	0.00003 (96071024)	0.00003 (96071024)	0.00003 (96071024)
360.0	0.00002 (94080724)	0.00002c(95061924)	0.00002c(95061924)	0.00002c(95061924)	0.00003 (95111924)

*** ISCS3 - VERSION 02035 *** MOTORES CATERPILLAR MODELO 3516B *** 03/02/08
 *** Numero de serie 7RN01007, con taza de 1825kwe, 2281 Kva, 110 Hz, 18 *** 03:42:01
 **MODELOPTS: RURAL ELEV FLGPOL DFAULT PAGE 24

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

MODELO DE CALIDAD DE AIRE

GENERADORES CATERPILLAR

INCLUDING SOURCE(S): MOTOR1 , MOTOR2 , MOTOR3 ,

*** NETWORK ID: POL1 ; NETWORK TYPE: GRIDPOLR ***

 ** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

DIRECTION (DEGREES)	800.00	850.00	DISTANCE (METERS) 900.00	950.00	1000.00
45.0	0.00004 (96103024)	0.00003 (93121624)	0.00002 (93121624)	0.00002 (93121624)	0.00002 (93121624)
90.0	0.00002 (97010124)	0.00001 (96021724)	0.00002 (97010124)	0.00002 (97010124)	0.00001 (97010124)
135.0	0.00002 (93112924)	0.00002 (93112924)	0.00001 (93112924)	0.00001 (93112924)	0.00001 (93112924)
180.0	0.00003c(95060824)	0.00003c(95060824)	0.00003c(95060824)	0.00002c(95060824)	0.00003c(95060824)
225.0	0.00002 (96071424)	0.00002 (96071424)	0.00002 (96071424)	0.00002 (96071424)	0.00002 (96071424)
270.0	0.00001 (95073124)	0.00001 (95073124)	0.00001 (95073124)	0.00001 (95073124)	0.00001 (95073124)
315.0	0.00002 (96071024)	0.00002 (96071024)	0.00002 (96071024)	0.00002 (96071024)	0.00002 (96071024)
360.0	0.00002 (94080724)	0.00002 (94080724)	0.00001 (94080724)	0.00001 (94080724)	0.00001 (94080724)

□ *** ISCST3 - VERSION 02035 *** *** MOTORES CATERPILLAR MODELO 3516B ***

*** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 ***

03/02/08

03:42:01

PAGE 25

***MODELOPTS: RURAL ELEV FLGPOL DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): MOTOR1 , MOTOR2 , MOTOR3 ,

*** NETWORK ID: RECEPTOR ; NETWORK TYPE: GRIDCART ***

 ** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

Y-COORD (METERS)	2968.00	5390.00	X-COORD (METERS) 7656.00	10234.00
1250.0	0.00001 (96112324)	0.00000 (97061024)	0.00000 (96112324)	0.00000 (95111524)
468.0	0.00000 (97061024)	0.00000 (97110924)	0.00000 (97061024)	0.00000c(95060124)
0.0	0.00000 (94070324)	0.00000 (97110924)	0.00000 (97110924)	0.00000 (97110924)
-1328.0	0.00000 (95061124)	0.00000 (95061124)	0.00000 (95061124)	0.00000 (93102924)

□ *** ISCST3 - VERSION 02035 *** *** MOTORES CATERPILLAR MODELO 3516B ***

*** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 ***

03/02/08

03:42:01

PAGE 26

***MODELOPTS: RURAL ELEV FLGPOL DFAULT

*** THE 7TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): MOTOR1 , MOTOR2 , MOTOR3 ,

*** NETWORK ID: POL1 ; NETWORK TYPE: GRIDPOLR ***

 ** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

DIRECTION (DEGREES)	50.00	100.00	DISTANCE (METERS) 150.00	200.00	250.00
45.0	0.00000 (96041224)	0.00000 (96041224)	0.00000 (93061824)	0.00000 (96013024)	0.00000 (96080524)
90.0	0.00000 (94121424)	0.00000 (94121424)	0.00000 (94121424)	0.00000 (95051824)	0.00001 (95051824)
135.0	0.00000 (94092024)	0.00000c(93070124)	0.00000c(94070424)	0.00000c(94070424)	0.00000c(94070424)
180.0	0.00000c(95060824)	0.00000 (96080924)	0.00000 (96080924)	0.00000 (97031924)	0.00000 (97031924)
225.0	0.00000 (96050624)	0.00000 (95101824)	0.00000c(94060824)	0.00000c(94060824)	0.00000 (96032824)
270.0	0.00000 (94082324)	0.00000 (95062424)	0.00000 (95070524)	0.00000 (95070524)	0.00000c(94122924)
315.0	0.00000 (93081224)	0.00000 (93081224)	0.00000 (93100924)	0.00000 (93111724)	0.00000 (94082424)
360.0	0.00000c(94061124)	0.00000 (96073124)	0.00000c(94061124)	0.00000 (95101924)	0.00000c(94061124)

□ *** ISCST3 - VERSION 02035 *** *** MOTORES CATERPILLAR MODELO 3516B ***

*** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 ***

03/02/08

03:42:01

PAGE 27

***MODELOPTS: RURAL ELEV FLGPOL DFAULT

*** THE 7TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): MOTOR1 , MOTOR2 , MOTOR3 ,

*** NETWORK ID: POL1 ; NETWORK TYPE: GRIDPOLR ***

MODELO DE CALIDAD DE AIRE

GENERADORES CATERPILLAR

** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

DIRECTION (DEGREES)	300.00	350.00	DISTANCE (METERS) 400.00	450.00	500.00
45.0	0.00001 (96080524)	0.00001c(93010324)	0.00001c(93042824)	0.00001c(93042824)	0.00001 (93061824)
90.0	0.00001 (95051824)	0.00001 (95051824)	0.00001 (95051824)	0.00001 (95051824)	0.00002 (94121424)
135.0	0.00001 (94100324)	0.00001 (96060824)	0.00001 (94082624)	0.00001 (94100324)	0.00001 (94100324)
180.0	0.00001 (97031924)	0.00001 (97031924)	0.00001 (97031924)	0.00001 (94062624)	0.00001 (94062624)
225.0	0.00001 (95062024)	0.00001 (93072524)	0.00001 (93072524)	0.00001 (93072524)	0.00001 (96032824)
270.0	0.00001c(94122924)	0.00001c(94070424)	0.00001c(94070424)	0.00001 (93042924)	0.00001 (96042124)
315.0	0.00001 (94080724)	0.00001 (94080724)	0.00001 (94080724)	0.00001 (94072924)	0.00001 (94072924)
360.0	0.00003 (96062424)	0.00002 (95052924)	0.00002 (95052924)	0.00001 (97060424)	0.00001 (97060424)

*** ISCS3 - VERSION 02035 *** MOTORES CATERPILLAR MODELO 3516B *** 03/02/08
 *** Numero de serie 7RN01007, con taza de 1825kwe, 2281 Kva, 110 Hz, 18 *** 03:42:01
 **MODELOPTS: RURAL ELEV FLGPOL DFAULT PAGE 28

*** THE 7TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): MOTOR1 , MOTOR2 , MOTOR3 ,

*** NETWORK ID: POL1 ; NETWORK TYPE: GRIDPOLR ***

** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

DIRECTION (DEGREES)	550.00	600.00	DISTANCE (METERS) 650.00	700.00	750.00
45.0	0.00001 (94072524)	0.00001 (94072524)	0.00001 (94070324)	0.00002 (95122524)	0.00002 (95122524)
90.0	0.00001 (94121424)	0.00001c(94122924)	0.00001 (96020124)	0.00001 (96082324)	0.00001 (93061224)
135.0	0.00001 (94100324)	0.00001 (93091124)	0.00002 (96071524)	0.00002 (96120924)	0.00002 (93082724)
180.0	0.00001 (94082324)	0.00001 (93121224)	0.00001 (93121224)	0.00001 (94082324)	0.00001 (97032924)
225.0	0.00001 (96032824)	0.00001 (96032824)	0.00001 (97092324)	0.00001 (97092324)	0.00001 (93090224)
270.0	0.00001 (96042124)	0.00001 (95050124)	0.00001c(94101724)	0.00001c(94101724)	0.00001c(94101724)
315.0	0.00001 (96062324)	0.00001 (96062324)	0.00001 (96062624)	0.00001 (93100924)	0.00001 (97112624)
360.0	0.00001 (97060424)	0.00001c(93010524)	0.00002 (95111924)	0.00002 (97060424)	0.00002 (95050724)

*** ISCS3 - VERSION 02035 *** MOTORES CATERPILLAR MODELO 3516B *** 03/02/08
 *** Numero de serie 7RN01007, con taza de 1825kwe, 2281 Kva, 110 Hz, 18 *** 03:42:01
 **MODELOPTS: RURAL ELEV FLGPOL DFAULT PAGE 29

*** THE 7TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): MOTOR1 , MOTOR2 , MOTOR3 ,

*** NETWORK ID: POL1 ; NETWORK TYPE: GRIDPOLR ***

** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

DIRECTION (DEGREES)	800.00	850.00	DISTANCE (METERS) 900.00	950.00	1000.00
45.0	0.00002 (94072524)	0.00001 (94053024)	0.00001 (94053024)	0.00001 (94070324)	0.00001 (94053024)
90.0	0.00001 (93061224)	0.00001c(94122924)	0.00001c(93111324)	0.00001c(93111324)	0.00001c(93111324)
135.0	0.00002 (96120924)	0.00001c(97080324)	0.00001c(97080324)	0.00001c(97080324)	0.00001 (95121724)
180.0	0.00001 (97032924)	0.00001 (97032924)	0.00001c(95061224)	0.00001c(95061224)	0.00001 (96122324)
225.0	0.00001 (93090224)	0.00001 (97072824)	0.00001 (97072824)	0.00001 (97072824)	0.00001 (96061724)
270.0	0.00001 (95070524)	0.00001c(94101724)	0.00001c(94101724)	0.00001c(94101724)	0.00001c(94101724)
315.0	0.00001 (96062324)	0.00001 (96092424)	0.00001 (96020824)	0.00001 (96020824)	0.00001 (96020824)
360.0	0.00001 (97060424)	0.00001 (97060424)	0.00001 (97060424)	0.00001 (93060124)	0.00001 (97060424)

*** ISCS3 - VERSION 02035 *** MOTORES CATERPILLAR MODELO 3516B *** 03/02/08
 *** Numero de serie 7RN01007, con taza de 1825kwe, 2281 Kva, 110 Hz, 18 *** 03:42:01
 **MODELOPTS: RURAL ELEV FLGPOL DFAULT PAGE 30

*** THE 7TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): MOTOR1 , MOTOR2 , MOTOR3 ,

*** NETWORK ID: RECEPTOR : NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	2968.00	5390.00	X-COORD (METERS)	7656.00	10234.00
---------------------	---------	---------	------------------	---------	----------

1250.0	0.00000	(96092524)	0.00000	(97091224)	0.00000	(95112324)	0.00000	(96112324)
468.0	0.00000	(94070324)	0.00000c	(95060124)	0.00000	(97021224)	0.00000	(94101924)
0.0	0.00000	(93102924)	0.00000c	(96110324)	0.00000c	(95060124)	0.00000	(97061024)
-1328.0	0.00000	(97081524)	0.00000	(96110524)	0.00000	(96092024)	0.00000	(97080224)

*** ISCST3 - VERSION 02035 *** MOTORES CATERPILLAR MODELO 3516B

*** MOTORES CATERPILLAR MODELO 3516B ***

*** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 ***

03/02/08

03:42:01

```

**MODELOPTS:

```

CONC

RURAL ELEV FLGPOL DEFAULT

```

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):      MOTOR1  , MOTOR2  , MOTOR3  ,

```

*** NETWORK ID: POL1 : NETWORK TYPE: GRIDPOLR ***

** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

DIRECTION (DEGREES)	50.00	100.00	DISTANCE (METERS)	150.00	200.00	250.00
------------------------	-------	--------	-------------------	--------	--------	--------

45.0	0.00000	(93042816)	0.00000	(93042816)	0.00000c	(93010316)	0.00001	(96103016)	0.00002	(96103016)
90.0	0.00000	(94080716)	0.00000c	(93011016)	0.00000	(96020116)	0.00001	(96020116)	0.00003	(96020116)
135.0	0.00000	(93082716)	0.00000	(93082716)	0.00000	(96071516)	0.00001	(96071516)	0.00003	(96071516)
180.0	0.00000	(95051616)	0.00000	(95051616)	0.00000	(95051616)	0.00001	(95060816)	0.00002	(95060816)
225.0	0.00000	(95070516)	0.00000	(95070516)	0.00000	(96061716)	0.00001	(96061716)	0.00003	(96061716)
270.0	0.00000	(93070516)	0.00000	(94053116)	0.00000	(94053116)	0.00001	(94053116)	0.00002	(94082316)
315.0	0.00000	(94080716)	0.00000	(94080716)	0.00000	(96071016)	0.00001	(96071016)	0.00002	(96071016)
360.0	0.00000	(94080716)	0.00000	(94080716)	0.00000	(94080716)	0.00001	(94080716)	0.00002	(94080716)

```

*** ISCST3 - VERSION 02035 ***      *** MOTORES CATERPILLAR MODELO 3516B

```

*** MOTORES CATAPILLAR MODELO 3516B ***

*** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 ***

03/02/08

03:42:01

```

**MODELOPTs:

```

CONC

RURAL ELEV ELGPOL DEFAULT

```

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):      MOTOR1  , MOTOR2  , MOTOR3  ,

```

*** NETWORK ID: POL1 : NETWORK TYPE: GRIDPOLR ***

** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

DIRECTION (DEGREES)	300.00	350.00	DISTANCE (METERS) 400.00	450.00	500.00
------------------------	--------	--------	-----------------------------	--------	--------

45.0	0.00004	(96103016)	0.00006	(96103016)	0.00007	(96103016)	0.00007	(96103016)	0.00009	(93121616)
90.0	0.00004	(96020116)	0.00006	(96020116)	0.00006	(96020116)	0.00005	(96020116)	0.00007	(97010116)
135.0	0.00006	(96071516)	0.00007	(96071516)	0.00007	(96071516)	0.00007	(96071516)	0.00006	(96071516)
180.0	0.00003	(95060816)	0.00005	(95060816)	0.00007	(96050716)	0.00007	(96050716)	0.00007	(96050716)
225.0	0.00005	(96061716)	0.00006	(96071416)	0.00006	(96071416)	0.00005	(96071416)	0.00007	(96071416)
270.0	0.00004	(94053116)	0.00005	(94053116)	0.00006	(94082316)	0.00005	(94053116)	0.00005	(94082316)
315.0	0.00005	(96071016)	0.00007	(96071016)	0.00008	(96071016)	0.00009	(96071016)	0.00009	(96071016)
360.0	0.00013	(95061916)	0.00012	(95061916)	0.00009	(95061916)	0.00007	(95061916)	0.00006	(94080716)

*** ISCST3 - VERSION 02035 *** MOTORES CATERPILLAR MODELO 3516B

*** MOTORES CATERPILLAR MODELO 3516B ***
 *** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 ***

03/02/08

03:42:01

```

**MODELOPTS:

```

CONC

RURAL ELEV FLGPOL DEFAULT

```

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):      MOTOR1  , MOTOR2  , MOTOR3  ,

```

*** NETWORK ID: POL1 : NETWORK TYPE: GRIDPOLR ***

** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

MODELO DE CALIDAD DE AIRE

DIRECCION (DEGREES)	DISTANCE (METERS)									
	550.00		600.00		650.00		700.00		750.00	
45.0	0.00010	(93121616)	0.00010	(93121616)	0.00007	(93121616)	0.00013	(93121616)	0.00012	(93121616)
90.0	0.00005	(96020116)	0.00006	(97010116)	0.00006	(97010116)	0.00006	(97010116)	0.00006	(97010116)
135.0	0.00005	(96071516)	0.00005	(93082716)	0.00008	(93112916)	0.00008	(93112916)	0.00007	(93112916)
180.0	0.00007	(96050716)	0.00006	(96050716)	0.00005	(96050716)	0.00005	(96050716)	0.00008	(96050716)
225.0	0.00005	(96071416)	0.00006	(96071416)	0.00006	(96071416)	0.00006	(95062016)	0.00006	(95062016)
270.0	0.00004	(94053116)	0.00003	(94053116)	0.00004	(95112516)	0.00004	(96042116)	0.00003	(96042116)
315.0	0.00008	(96071016)	0.00008	(96071016)	0.00008	(96071016)	0.00007	(96071016)	0.00007	(96071016)
360.0	0.00005	(94080716)	0.00006	(94080716)	0.00006	(94080716)	0.00006	(94080716)	0.00006	(97113016)
*** ISCS T3 - VERSION 02035 *** *** MOTORES CATERPILLAR MODELO 3516B *** *** Numero de serie 7RN01007, con taza de 1825kwe, 2281 Kva, 110 Hz, 18 ***										
**MODELOPTS:										03/02/08
CONC										03:42:01
RURAL ELEV FLGPOL DFAULT										PAGE 34

DIRECTION (DEGREES)	DISTANCE (METERS)									
	800.00		850.00		900.00		950.00		1000.00	
45.0	0.00011	(93121616)	0.00009	(93121616)	0.00007	(93121616)	0.00006	(93121616)	0.00006	(93121616)
90.0	0.00006	(97010116)	0.00003	(94070316)	0.00005	(97010116)	0.00005	(97010116)	0.00004	(97010116)
135.0	0.00006	(93112916)	0.00004	(93112916)	0.00004	(93112916)	0.00004	(93112916)	0.00003	(93112916)
180.0	0.00007	(96050716)	0.00006	(96050716)	0.00005	(96050716)	0.00005	(96050716)	0.00005	(96050716)
225.0	0.00005	(95062016)	0.00005	(95062016)	0.00005	(95062016)	0.00004	(95062016)	0.00004	(95112616)
270.0	0.00003	(96042116)	0.00003	(95073116)	0.00003	(95073116)	0.00003	(95073116)	0.00003	(95073116)
315.0	0.00006	(96071016)	0.00006	(96071016)	0.00005	(96071016)	0.00005	(96071016)	0.00004	(96071016)
360.0	0.00005	(94080716)	0.00005	(94080716)	0.00004	(94080716)	0.00004	(94080716)	0.00004	(94080716)
*** ISCS T3 - VERSION 02035 *** *** MOTORES CATERPILLAR MODELO 3516B *** *** Numero de serie 7RN01007, con taza de 1825kwe, 2281 Kva, 110 Hz, 18 ***										
**MODELOPTS:										03/02/08
CONC										03:42:01
RURAL ELEV FLGPOL DFAULT										PAGE 35

Y-COORD (METERS)	2968.00	5390.00	X-COORD (METERS) 7656.00	10234.00	
1250.0	0.00001 (97061016)	0.00001 (97061708)	0.00001 (97082408)	0.00001 (97082408)	
468.0	0.00001 (97110908)	0.00001 (97110908)	0.00000 (97110908)	0.00000c(95060108)	
0.0	0.00001 (94070316)	0.00001 (97110908)	0.00000 (97110908)	0.00000 (97110908)	
-1328.0	0.00001 (95061116)	0.00001 (93102916)	0.00000 (93102916)	0.00000 (93102916)	
*** ISCS3 - VERSION 02035 *** *** MOTORES CATERPILLAR MODELO 3516B *** 03/02/08					
*** Numero de serie 7RN01007, con taza de 1825kwe, 2281 Kva, 110 Hz, 18 *** 03:42:01					
**MODELOPTS: PAGE 36					
CONC	RURAL ELEV	FLGPOL	DFAULT		

DIRECTION (DEGREES)	50.00	100.00	150.00	200.00	250.00
MODELO DE CALIDAD DE AIRE					

GENERADORES CATERPILLAR

45.0	0.00000	(93042814)	0.00000	(93042814)	0.00000	(93042814)	0.00005	(93042814)	0.00009	(93042814)
90.0	0.00000	(94080714)	0.00000	(94080714)	0.00000	(94080714)	0.00005	(94080714)	0.00013	(94110113)
135.0	0.00000	(93082712)	0.00000	(93082712)	0.00000	(93082712)	0.00005	(93082712)	0.00013	(93082712)
180.0	0.00000	(95051612)	0.00000	(95051612)	0.00000	(95051612)	0.00005	(95051612)	0.00009	(95051612)
225.0	0.00000	(95070512)	0.00000	(95070512)	0.00000	(95070512)	0.00005	(95070512)	0.00013	(95070512)
270.0	0.00000	(93070511)	0.00000	(93070511)	0.00000	(93070511)	0.00005	(93070511)	0.00009	(95070516)
315.0	0.00000	(94080715)	0.00000	(94080715)	0.00000	(94080715)	0.00003	(94080715)	0.00010	(93100913)
360.0	0.00000	(94080711)	0.00000	(94080711)	0.00000	(94080711)	0.00003	(94080711)	0.00009	(94080711)

*** ISCS3 - VERSION 02035 *** MOTORES CATERPILLAR MODELO 3516B *** 03/02/08
 *** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 *** 03:42:01
 PAGE 37

**MODELOPTS:
 CONC

RURAL ELEV FLGPOL DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): MOTOR1 , MOTOR2 , MOTOR3 ,

*** NETWORK ID: POL1 ; NETWORK TYPE: GRIDPOLR ***

** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

DIRECTION (DEGREES)	DISTANCE (METERS)									
	300.00		350.00		400.00		450.00		500.00	
45.0	0.00017	(93042814)	0.00025	(93042814)	0.00026	(93042814)	0.00023	(93042814)	0.00022	(93060415)
90.0	0.00021	(94080714)	0.00025	(94080714)	0.00026	(94080714)	0.00023	(94080714)	0.00029	(94070315)
135.0	0.00021	(93082712)	0.00025	(93082712)	0.00026	(93082712)	0.00025	(93082712)	0.00021	(96060814)
180.0	0.00017	(95051612)	0.00022	(95051612)	0.00026	(95051612)	0.00025	(95051612)	0.00022	(95051612)
225.0	0.00021	(95070512)	0.00026	(95070512)	0.00024	(95070512)	0.00020	(95070512)	0.00021	(93072515)
270.0	0.00017	(93070511)	0.00025	(93070511)	0.00026	(93070511)	0.00025	(95070516)	0.00022	(97080415)
315.0	0.00019	(93100913)	0.00028	(93100913)	0.00032	(93100913)	0.00035	(93100913)	0.00034	(93100913)
360.0	0.00046	(94080711)	0.00040	(94080711)	0.00031	(94080711)	0.00026	(94080711)	0.00024	(94080711)

*** ISCS3 - VERSION 02035 *** MOTORES CATERPILLAR MODELO 3516B *** 03/02/08
 *** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 *** 03:42:01
 PAGE 38

**MODELOPTS:
 CONC

RURAL ELEV FLGPOL DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): MOTOR1 , MOTOR2 , MOTOR3 ,

*** NETWORK ID: POL1 ; NETWORK TYPE: GRIDPOLR ***

** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

DIRECTION (DEGREES)	DISTANCE (METERS)									
	550.00		600.00		650.00		700.00		750.00	
45.0	0.00019	(93100912)	0.00018	(93100912)	0.00012	(93010314)	0.00021	(94042116)	0.00020	(94042116)
90.0	0.00021	(94070315)	0.00025	(94070315)	0.00023	(94070315)	0.00023	(94070315)	0.00022	(94070315)
135.0	0.00017	(96060814)	0.00016	(93070111)	0.00023	(93011216)	0.00021	(93011216)	0.00020	(96122713)
180.0	0.00020	(95051612)	0.00019	(95051612)	0.00017	(95051612)	0.00016	(95051612)	0.00025	(93100910)
225.0	0.00017	(93072515)	0.00015	(93072515)	0.00016	(93090716)	0.00015	(93090716)	0.00015	(93090716)
270.0	0.00017	(95062411)	0.00014	(95062411)	0.00016	(93081017)	0.00015	(93081017)	0.00014	(93081017)
315.0	0.00032	(93100913)	0.00029	(93100913)	0.00027	(93100913)	0.00025	(93100913)	0.00023	(93100913)
360.0	0.00023	(94080711)	0.00022	(94080711)	0.00020	(94080711)	0.00019	(94080711)	0.00020	(97091412)

*** ISCS3 - VERSION 02035 *** MOTORES CATERPILLAR MODELO 3516B *** 03/02/08
 *** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 *** 03:42:01
 PAGE 39

**MODELOPTS:
 CONC

RURAL ELEV FLGPOL DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): MOTOR1 , MOTOR2 , MOTOR3 ,

*** NETWORK ID: POL1 ; NETWORK TYPE: GRIDPOLR ***

** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

DIRECTION | DISTANCE (METERS)
 MODELO DE CALIDAD DE AIRE

(DEGREES)	800.00	850.00	GENERADORES CATERPILLAR		950.00	1000.00
			900.00			
45.0	0.00018 (93091910)	0.00014 (94042116)	0.00012 (94070316)	0.00012 (94070316)	0.00011 (94070316)	
90.0	0.00021 (94070315)	0.00018 (94070315)	0.00019 (94070315)	0.00018 (94070315)	0.00017 (94070315)	
135.0	0.00017 (96122713)	0.00013 (96122713)	0.00011 (94092015)	0.00010 (96122713)	0.00010 (96122713)	
180.0	0.00019 (94080709)	0.00019 (94080709)	0.00018 (94080709)	0.00018 (94080709)	0.00019 (94080709)	
225.0	0.00014 (93090716)	0.00013 (93041211)	0.00012 (93041211)	0.00011 (93041211)	0.00011 (96112711)	
270.0	0.00013 (93081017)	0.00013 (96042115)	0.00012 (96042115)	0.00011 (96042115)	0.00011 (96042115)	
315.0	0.00022 (93100913)	0.00021 (93100913)	0.00019 (93100913)	0.00018 (93100913)	0.00017 (93100913)	
360.0	0.00016 (94080711)	0.00015 (94080711)	0.00014 (94080711)	0.00014 (94080711)	0.00013 (94080711)	

*** ISCST3 - VERSION 02035 ***
 *** MOTORES CATERPILLAR MODELO 3516B ***
03/02/08
 *** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 ***
 03:42:01
 **MODELOPTS:
 PAGE 40
 CONC

RURAL ELEV FLGPOL DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): MOTOR1 , MOTOR2 , MOTOR3 ,

*** NETWORK ID: RECEPTOR ; NETWORK TYPE: GRIDCART ***

** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

Y-COORD (METERS)	2968.00	5390.00	X-COORD (METERS)	7656.00	10234.00
------------------	---------	---------	------------------	---------	----------

1250.0	0.00005 (95051409)	0.00003 (97110908)	0.00002 (97110908)	0.00002 (97110908)	
468.0	0.00006 (97110908)	0.00003 (97110908)	0.00002 (97110908)	0.00002 (97110908)	
0.0	0.00006 (97110908)	0.00003 (97110908)	0.00002 (97110908)	0.00002 (97110908)	
-1328.0	0.00005 (94070317)	0.00002 (97042007)	0.00002 (97042007)	0.00002 (94070315)	

*** ISCST3 - VERSION 02035 ***
 *** MOTORES CATERPILLAR MODELO 3516B ***
03/02/08
 *** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 ***
 03:42:01
 **MODELOPTS:
 PAGE 41
 CONC

RURAL ELEV FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.00000 AT (0.00, 750.00, 65.00, 65.00)	GP	POL1
	2ND HIGHEST VALUE IS	0.00000 AT (0.00, -750.00, 65.00, 65.00)	GP	POL1
	3RD HIGHEST VALUE IS	0.00000 AT (0.00, 300.00, 65.00, 65.00)	GP	POL1
	4TH HIGHEST VALUE IS	0.00000 AT (0.00, -1000.00, 70.00, 70.00)	GP	POL1
	5TH HIGHEST VALUE IS	0.00000 AT (0.00, 350.00, 70.00, 70.00)	GP	POL1
	6TH HIGHEST VALUE IS	0.00000 AT (0.00, -850.00, 70.00, 70.00)	GP	POL1
	7TH HIGHEST VALUE IS	0.00000 AT (0.00, 650.00, 80.00, 80.00)	GP	POL1
	8TH HIGHEST VALUE IS	0.00000 AT (0.00, -800.00, 70.00, 70.00)	GP	POL1
	9TH HIGHEST VALUE IS	0.00000 AT (0.00, 700.00, 80.00, 80.00)	GP	POL1
	10TH HIGHEST VALUE IS	0.00000 AT (459.62, -459.62, 65.00, 65.00)	GP	POL1

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

*** ISCST3 - VERSION 02035 ***
 *** MOTORES CATERPILLAR MODELO 3516B ***
03/02/08
 *** Numero de serie 7RN01007, con taza de 1825kwe, 2281 kva, 110 Hz, 18 ***
 03:42:01
 **MODELOPTS:
 PAGE 42
 CONC

RURAL ELEV FLGPOL DFAULT

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

MODELO DE CALIDAD DE AIRE

GENERADORES CATERPILLAR

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR	(XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS HIGH 7TH HIGH VALUE IS	0.00005c ON 95061924: AT (0.00003 ON 96062424: AT (	0.00, 0.00,	300.00, 300.00,	65.00, 65.00,	65.00) 65.00) GP GP POL1 POL1

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

□ *** ISCST3 - VERSION 02035 *** *** MOTORES CATERPILLAR MODELO 3516B *** 03/02/08
*** Numero de serie 7RN01007, con taza de 1825kwe, 2281 Kva, 110 Hz, 18 *** 03:42:01
**MODELOPTS: PAGE 43

CONC RURAL ELEV FLGPOL DFAULT

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR	(XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.00013 ON 93121616: AT (	494.97,	494.97,	65.00,	65.00) GP POL1

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

□ *** ISCST3 - VERSION 02035 *** *** MOTORES CATERPILLAR MODELO 3516B *** 03/02/08
*** Numero de serie 7RN01007, con taza de 1825kwe, 2281 Kva, 110 Hz, 18 *** 03:42:01
**MODELOPTS: PAGE 44

CONC RURAL ELEV FLGPOL DFAULT

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF PM IN (MICROGRAMS/CUBIC-METER) **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR	(XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.00046 ON 94080711: AT (	0.00,	300.00,	65.00,	65.00) GP POL1

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

□ *** ISCST3 - VERSION 02035 *** *** MOTORES CATERPILLAR MODELO 3516B *** 03/02/08
*** Numero de serie 7RN01007, con taza de 1825kwe, 2281 Kva, 110 Hz, 18 *** 03:42:01
**MODELOPTS: PAGE 45

CONC RURAL ELEV FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 334 Informational Message(s)

A Total of 274 Calm Hours Identified
A Total of 60 Cases Identified with HE > ZI

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

***** WARNING MESSAGES *****
*** NONE ***

*** ISCST3 Finishes Successfully ***
