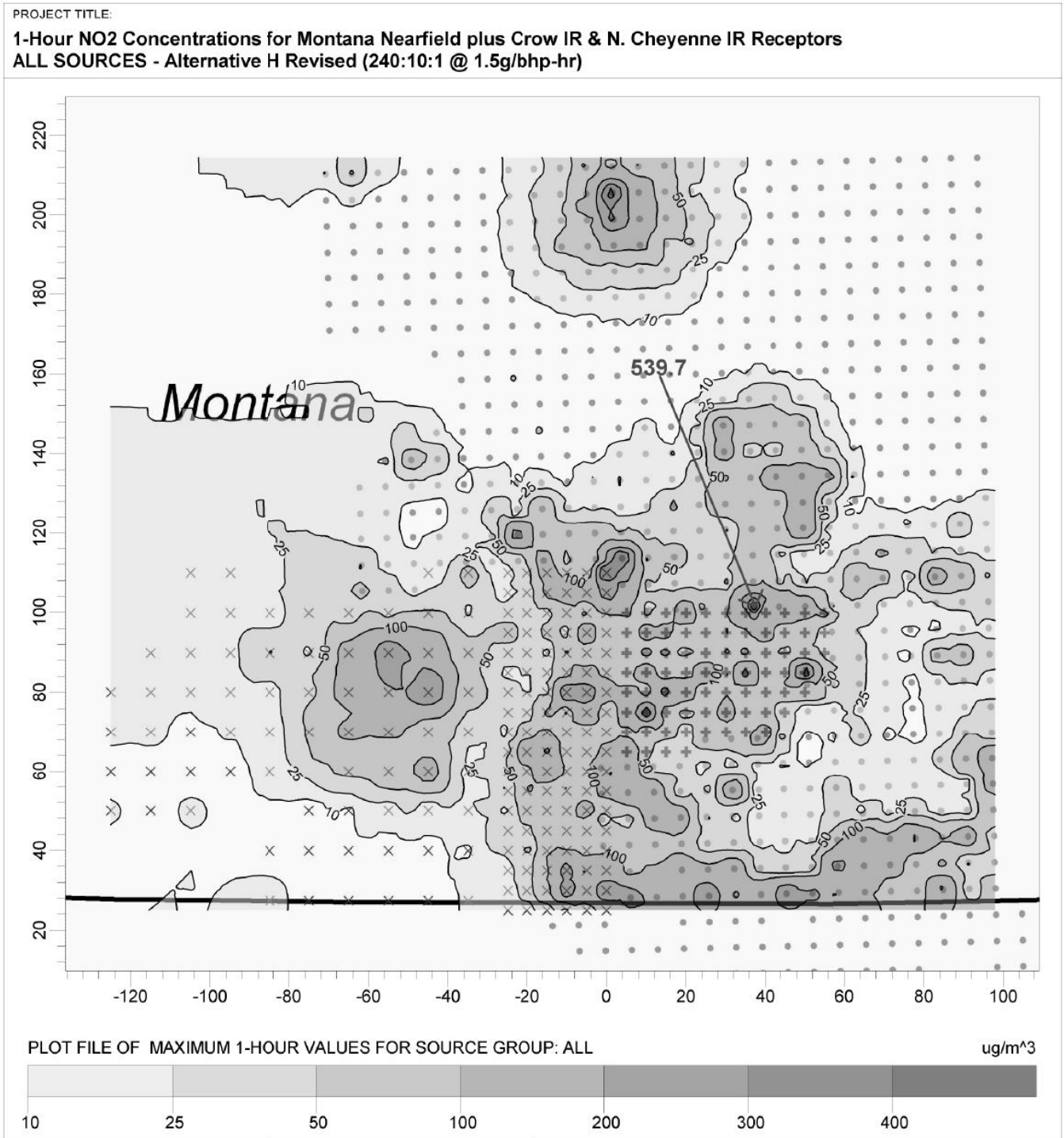
MILES CITY FIELD OFFICE

Supplemental Air Quality Analysis

APPENDIX D
MAPS

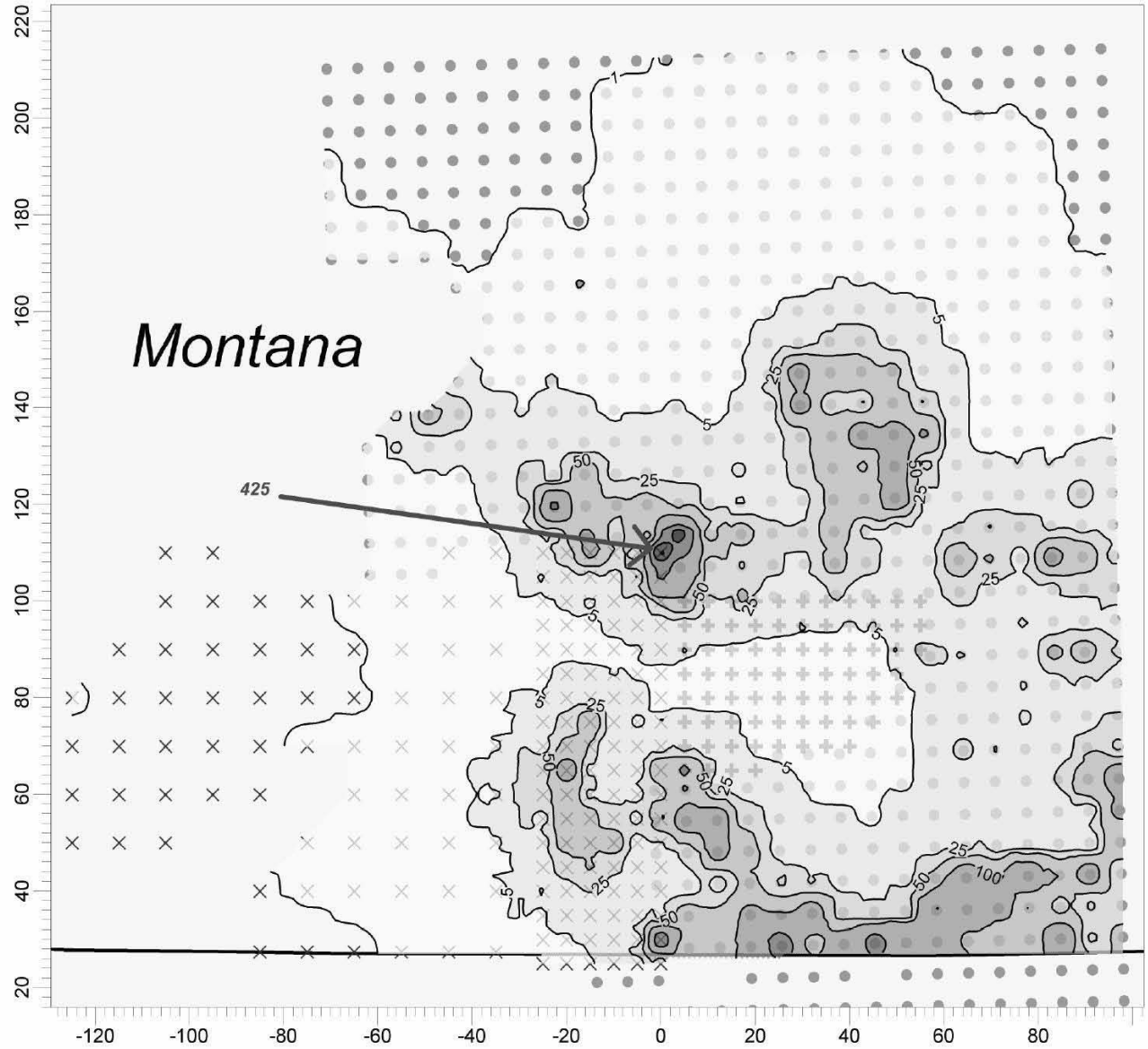
APPENDIX D

List of Figures


PROJECT TITLE:
1-Hour NO2 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
ALL SOURCES - Alternative H Revised (240:10:1 @ 1.5g/bhp-hr)
539.7
Montana
PLOT FILE OF MAXIMUM 1-HOUR VALUES FOR SOURCE GROUP: ALL
ug/m^3
10
25
50
100
200
300
400
COMMENTS:
Assumes 75% NOx to NO2 conversion.
MODELING OPTIONS:
CONC
OUTPUT TYPE:
Concentration
RECEPTORS:
783
MAX:
539.73
UNITS:
ug/m^3
Figure D-1
MODELER:
SCALE:
1:1,500
0
40 km
DATE:
2/12/2008
PROJECT NO.:
POST View - Lakes Environmental Software
J:\AQES\Projects\BLM Montana\Class I Modeling\Alternatives Modeling\CALPOST\Plots\All Alt H Revised\NO2 1 hour\no2_1hr.plt

PROJECT TITLE:

1-Hour NO2 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
MT CBNG RFD Operation - Alternative H Revised (240:10:1 @ 1.5g/bhp-hr)

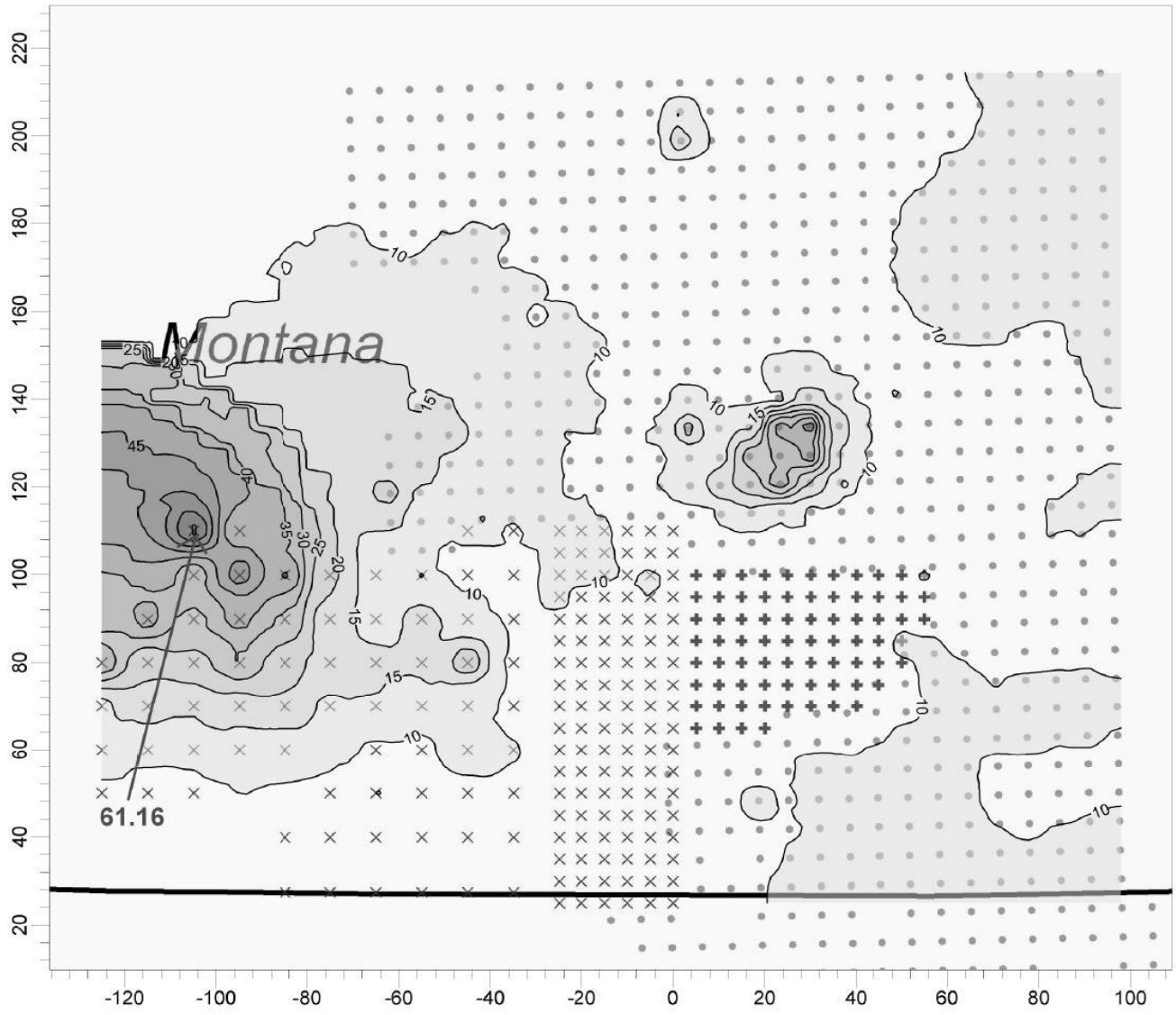


PLOT FILE OF MAXIMUM 1-HOUR VALUES FOR SOURCE GROUP: MTCBNG RFD OPER ug/m^3

COMMENTS: * Assumes 75% NOx to NO2 conversion.	MODELING OPTIONS: **CONC**	Figure D-2 MODELER:	
	OUTPUT TYPE: **Concentration**	RECEPTORS: **785**	SCALE: 0 1:1,415 40 km
	MAX: **425.46**	UNITS: **ug/m^3**	DATE: **10/29/2007**
			PROJECT NO.:

PROJECT TITLE:

3-Hour SO2 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
ALL SOURCES - Alternative H Revised (240:10:1 @ 1.5g/bhp-hr)



PLOT FILE OF 2ND HIGHEST 3-HOUR VALUES FOR SOURCE GROUP: ALL ug/m^3

10 15 20 25 30 35 40 45 50 55 60

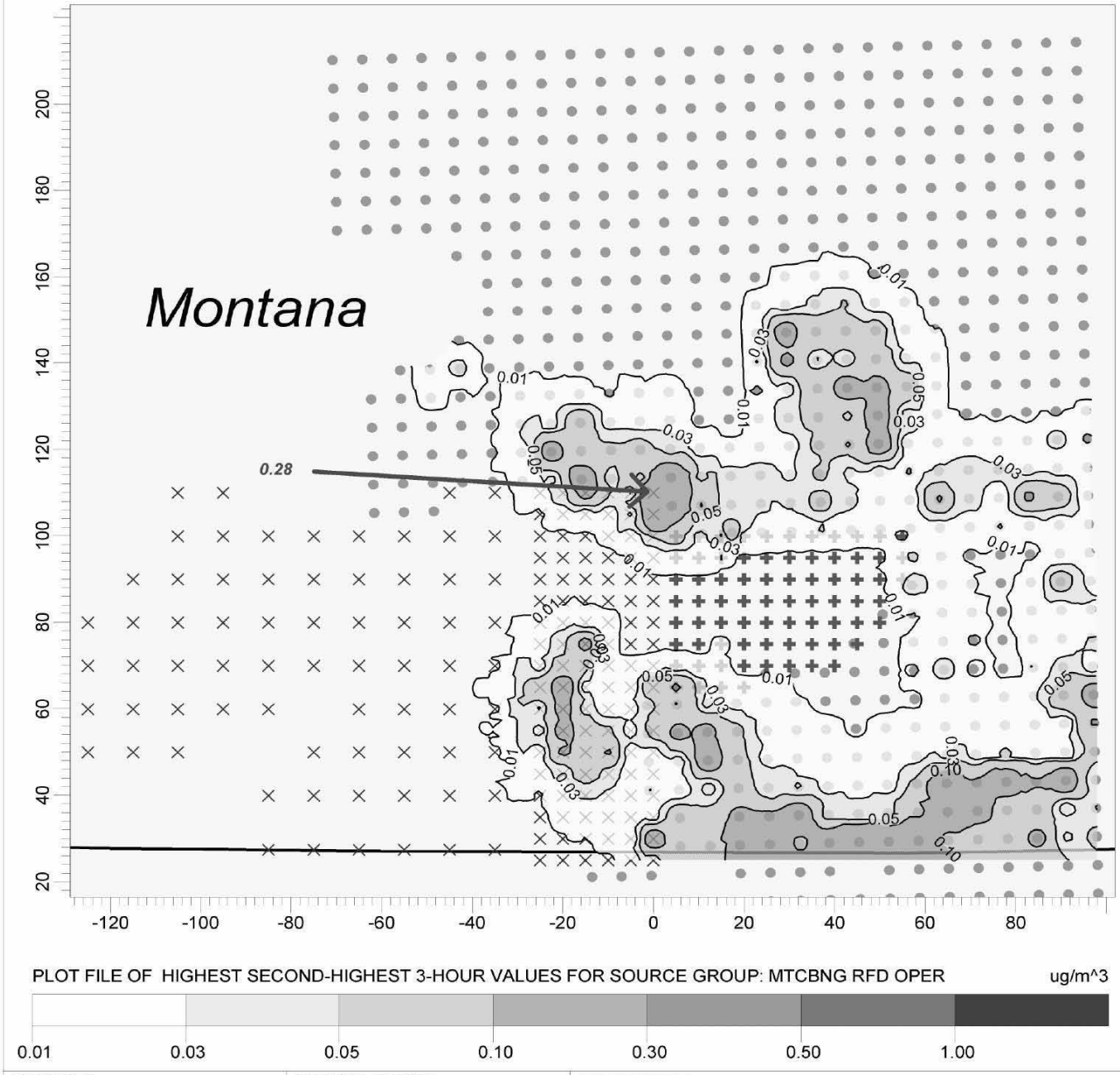
COMMENTS:	MODELING OPTIONS: CONC		
		MODELER:	
OUTPUT TYPE: Concentration	RECEPTORS: 783	SCALE: 1:1,500 (0 — 40 km)	
MAX: 61.155	UNITS: ug/m^3	DATE: 2/12/2008	PROJECT NO.:

Figure D-3

POST View - Lakes Environmental Software \\ACESPROJECTS\BLM MONTANA\CLASS I MODELING\ALTERNATIVES MODELING\CALPOST\PLOTS\ALL ALT H REVISED\SO2 3 HOUR\SO2_3HR.PLT

PROJECT TITLE:

3-Hour SO2 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
MT CBNG RFD Operation - Alternative H Revised (240:10:1 @ 1.5g/bhp-hr)



PLOT FILE OF HIGHEST SECOND-HIGHEST 3-HOUR VALUES FOR SOURCE GROUP: MTCBNG RFD OPER ug/m^3

0.01 0.03 0.05 0.10 0.30 0.50 1.00

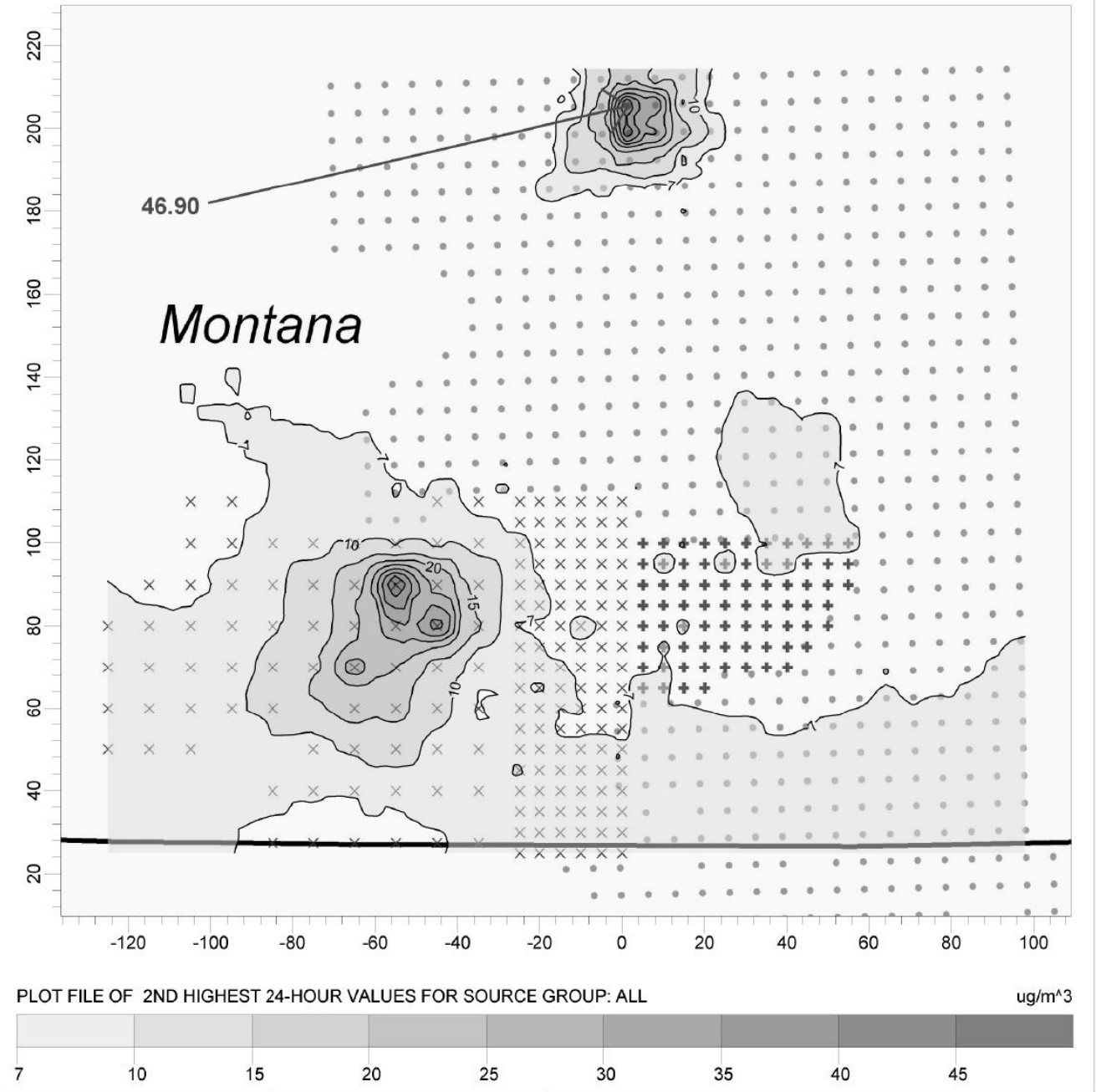
COMMENTS:	MODELING OPTIONS: **CONC**	Figure D-4	
		MODELER:	
	OUTPUT TYPE: **Concentration** / RECEPTORS: **785**	SCALE: 1:1,408 (0 — 40 km)	
	MAX: **0.2843** / UNITS: **ug/m^3**	DATE: **10/29/2007**	PROJECT NO.:

POST View - Lakes Environmental Software

Y:\BLM-MT\calpost recs within 1km excluded\Alt H revisions\MT CBNG RFD OPER\Plots\SO2 3 hr\SO2_3hr.plt

PROJECT TITLE:

24-Hour PM10 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
ALL SOURCES - Alternative H Revised (240:10:1 @ 1.5g/bhp-hr)



PLOT FILE OF 2ND HIGHEST 24-HOUR VALUES FOR SOURCE GROUP: ALL ug/m^3

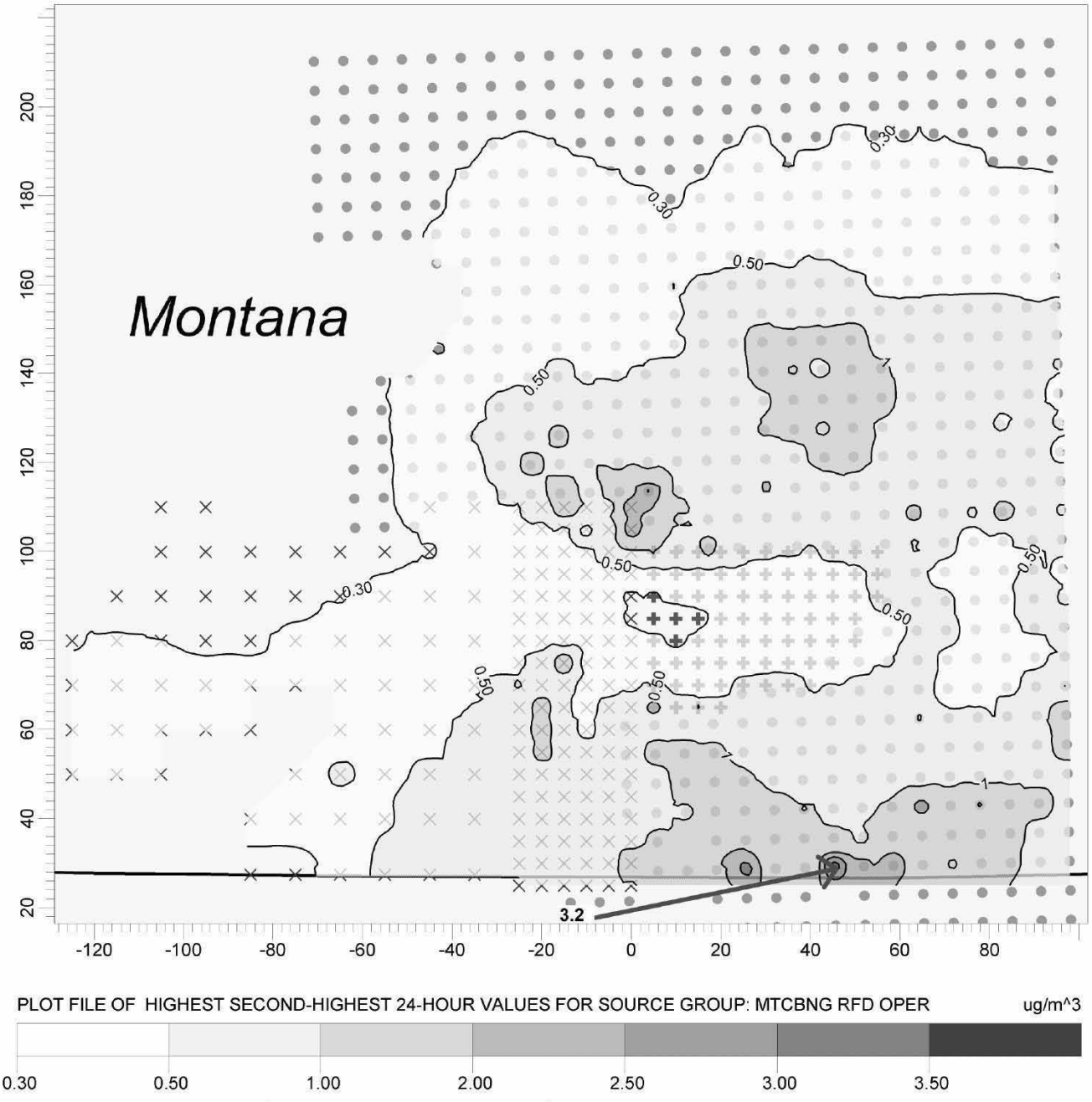
7 10 15 20 25 30 35 40 45

COMMENTS:	MODELING OPTIONS: CONC	**Figure D-5**	
		MODELER:	
OUTPUT TYPE: **Concentration**	RECEPTORS: **783**	SCALE: 1:1,500 (0 — 40 km)	
MAX: **46.895**	UNITS: **ug/m^3**	DATE: **2/12/2008**	PROJECT NO.:

POST View - Lakes Environmental Software J:\AQES\Projects\BLM Montana\Class I Modeling\Alternatives Modeling\CALPOST\Plots\All Alt H Revised\PM10 24 hour\pm10_24hr.plt

PROJECT TITLE:

24-Hour PM10 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
MT CBNG RFD Operation - Alternative H Revised (240:10:1 @ 1.5g/bhp-hr)



PLOT FILE OF HIGHEST SECOND-HIGHEST 24-HOUR VALUES FOR SOURCE GROUP: MTCBNG RFD OPER ug/m^3

0.30 0.50 1.00 2.00 2.50 3.00 3.50

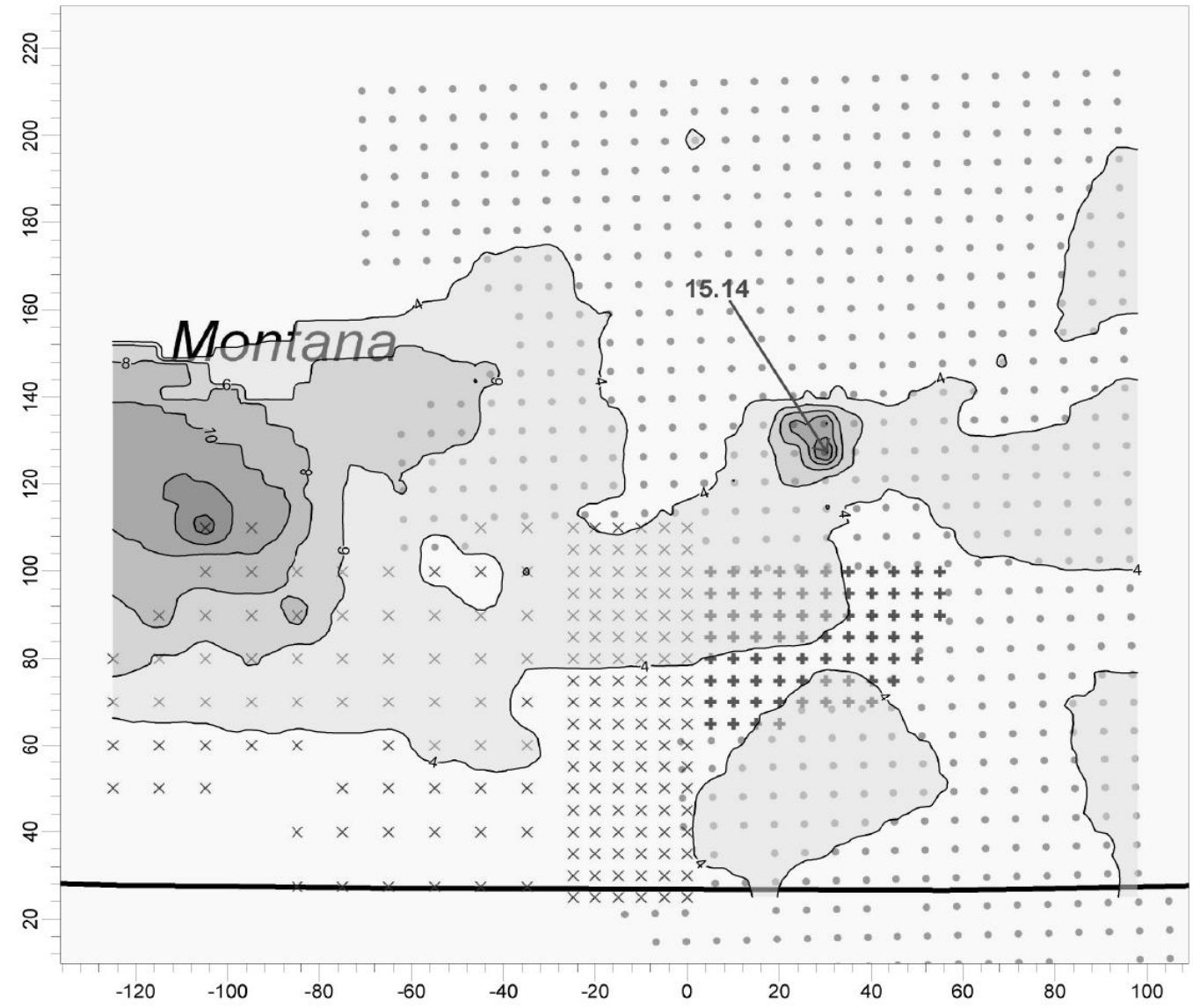
COMMENTS:	MODELING OPTIONS: **CONC**	Figure D-6	
		MODELER:	
	OUTPUT TYPE: **Concentration** / RECEPTORS: **785**	SCALE: 1:1,408 (0 — 40 km)	
	MAX: **3.2006** / UNITS: **ug/m^3**	DATE: **10/29/2007**	PROJECT NO.:

POST View - Lakes Environmental Software

Y:\BLM-MT\calpost recs within 1km excluded\Alt H revisions\MT CBNG RFD OPER\Plots\PM10 24 hr\PM10_24hr.plt

PROJECT TITLE:

24-Hour SO2 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
ALL SOURCES - Alternative H Revised (240:10:1 @ 1.5g/bhp-hr)



PLOT FILE OF 2ND HIGHEST 24-HOUR VALUES FOR SOURCE GROUP: ALL ug/m^3

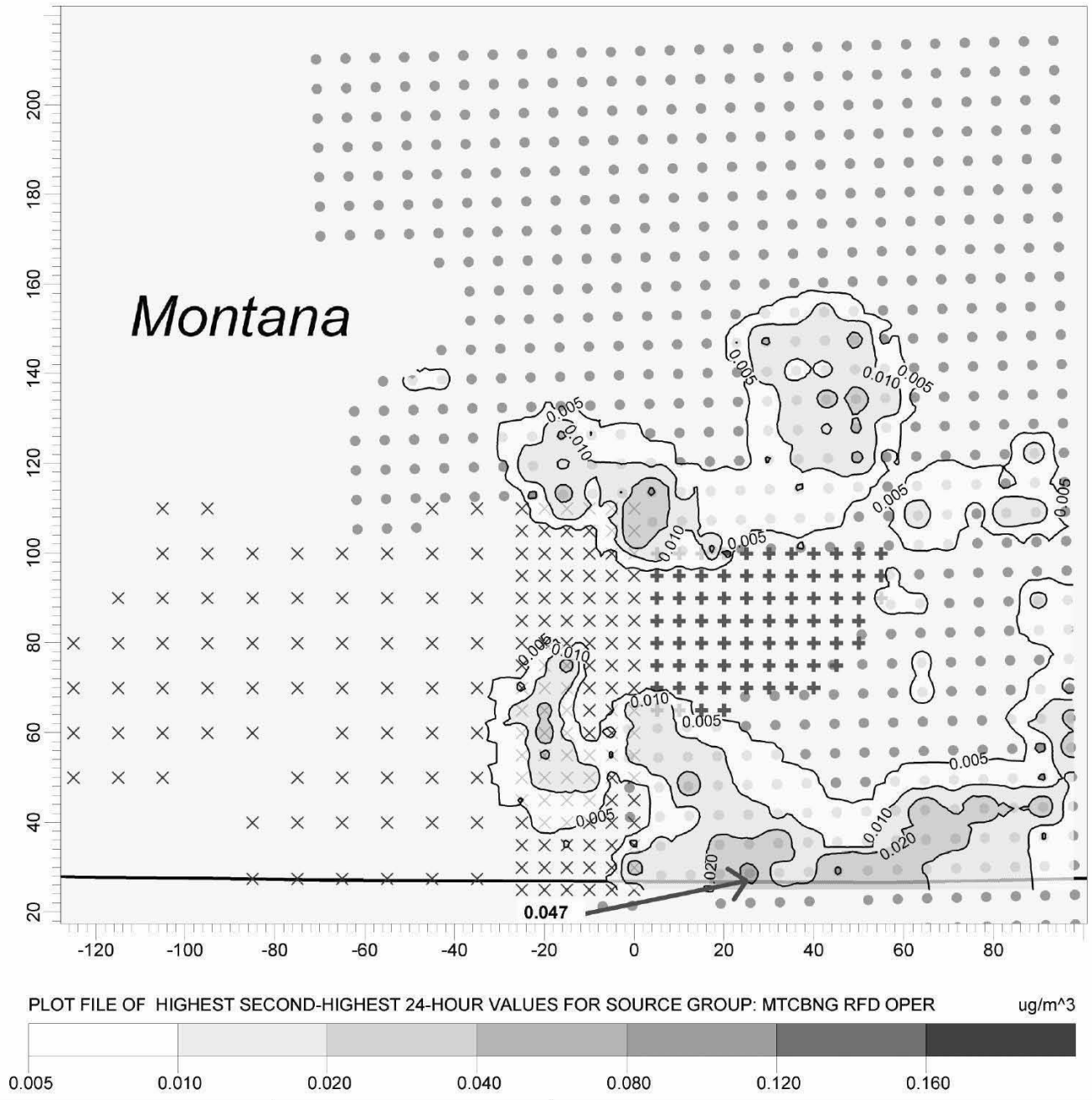
4 6 8 10 12 14

COMMENTS:	MODELING OPTIONS: CONC	**Figure D-7**	
		MODELER:	
	OUTPUT TYPE: Concentration	RECEPTORS: 783	SCALE: 1:1,500 (0 — 40 km)
	MAX: 15.141	UNITS: ug/m^3	DATE: 2/12/2008
			PROJECT NO.:

POST View - Lakes Environmental Software [redacted]\BLM MONTANA\CLASS I MODELING\ALTERNATIVES MODELING\CALPOST\PLOTS\ALL ALT H REVISED\SO2 24 HOUR\SO2_24HR.PLT

PROJECT TITLE:

24-Hour SO2 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
MT CBNG RFD Operation - Alternative H Revised (240:10:1 @ 1.5g/bhp-hr)



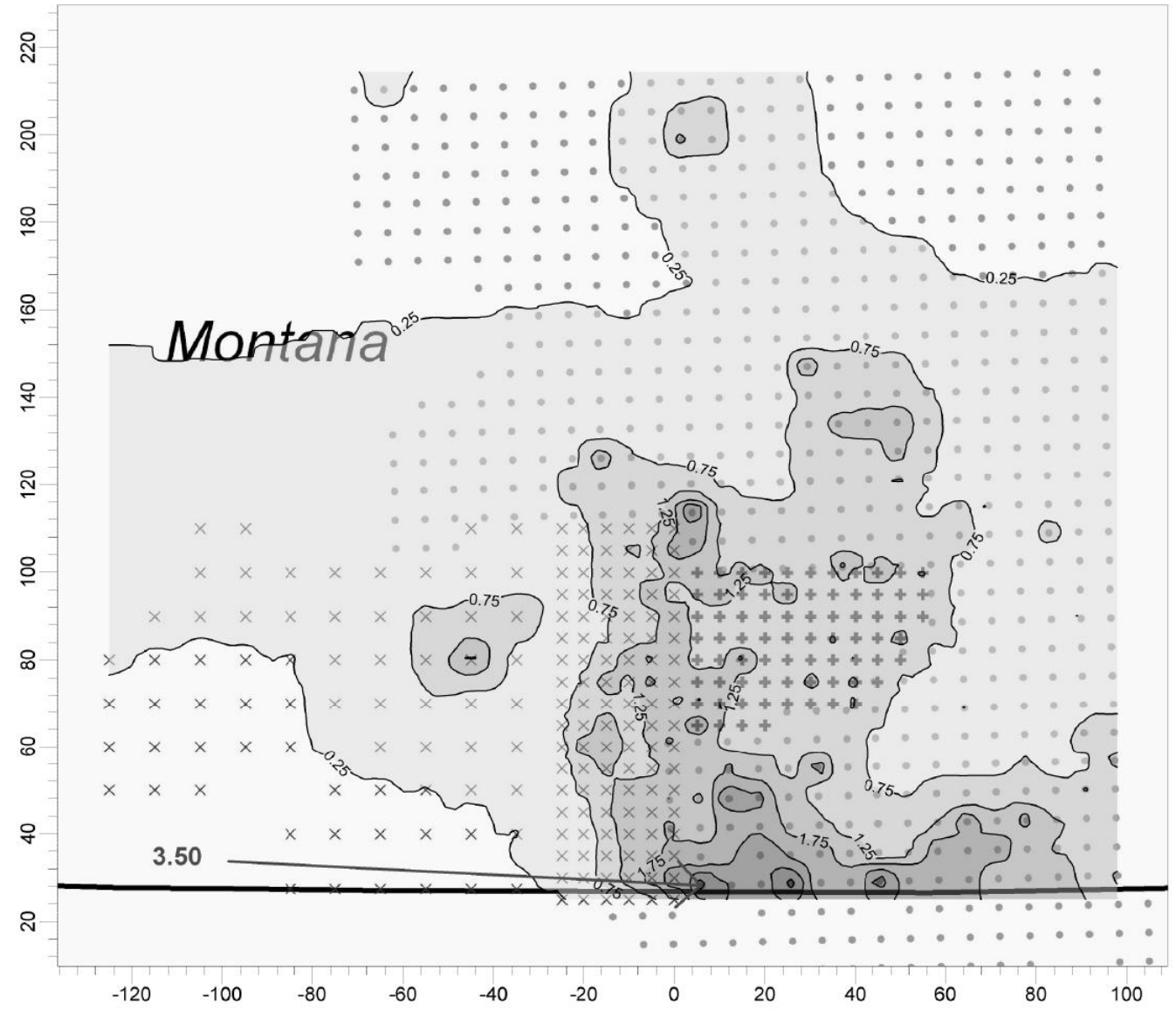
COMMENTS:	MODELING OPTIONS: **CONC**	Figure D-8	
		MODELER:	
	OUTPUT TYPE: **Concentration** / RECEPTORS: **785**	SCALE: 1:1,395 (0 — 40 km)	
	MAX: **0.04673** / UNITS: **ug/m^3**	DATE: **10/29/2007**	PROJECT NO.:

POST View - Lakes Environmental Software

Y:\BLM-MT\calpost recs within 1km excluded\Alt H revisions\MT CBNG RFD OPER\Plots\SO2 24 hr\SO2_24hr.plt

PROJECT TITLE:

Annual NO2 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
ALL SOURCES - Alternative H Revised (240:10:1 @ 1.5g/bhp-hr)



PLOT FILE OF MAXIMUM ANNUAL VALUES FOR SOURCE GROUP: ALL ug/m^3

0 1 1 2 2 3 3

COMMENTS:

Assumes 75% NOx to NO2 conversion.

MODELING OPTIONS:

CONC

Figure D-9

MODELER:

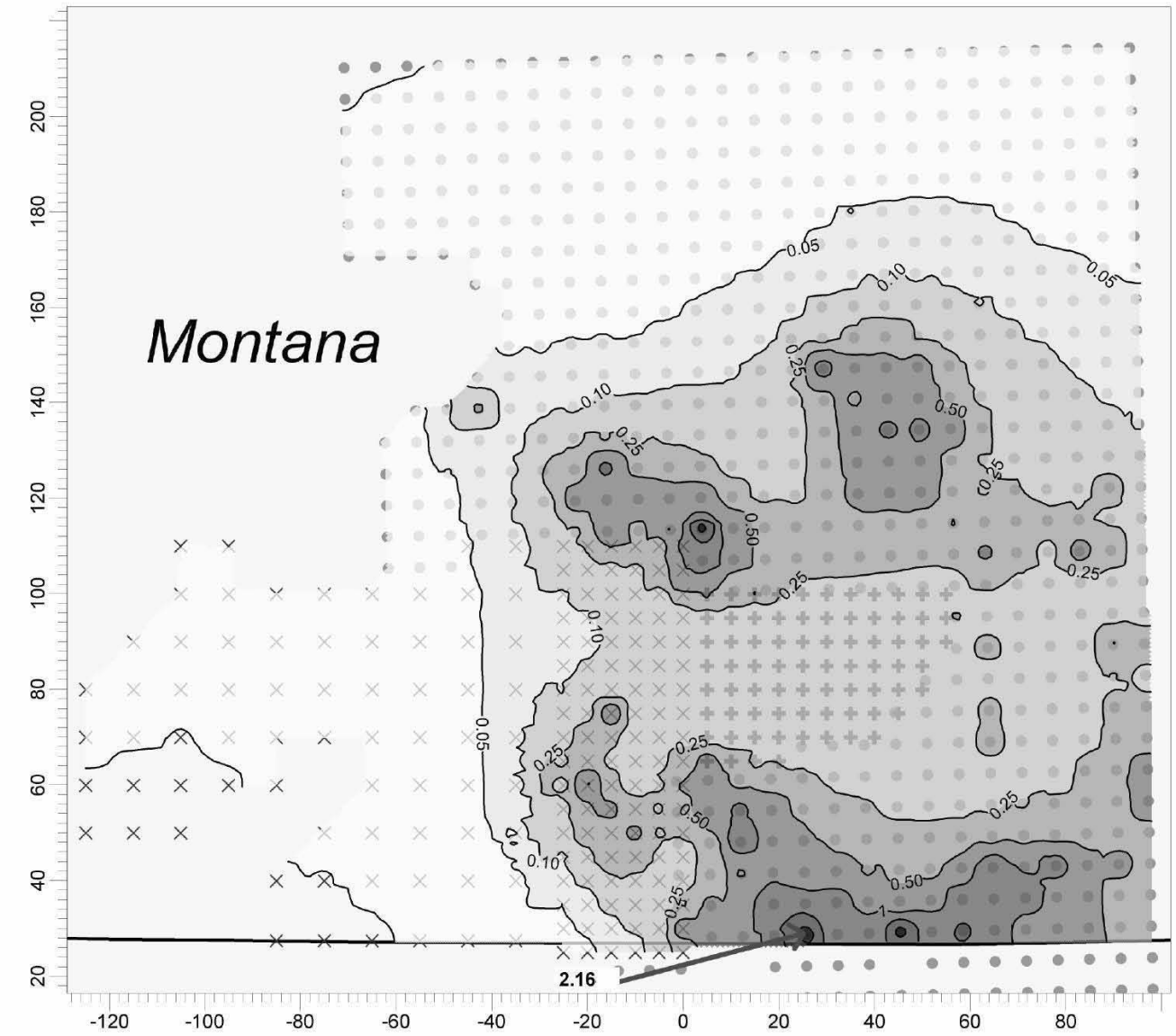
OUTPUT TYPE:	RECEPTORS:	SCALE:	
Concentration	**783**	0	1:1,500 / 40 km

MAX:	UNITS:	DATE:	PROJECT NO.:
3.498	**ug/m^3**	**2/12/2008**	

POST View - Lakes Environmental Software J:\AQES\Projects\BLM Montana\Class I Modeling\Alternatives Modeling\CALPOST\Plots\All Alt H Revised\NO2 Annual\no2_ann.plt

PROJECT TITLE:

Annual NO2 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
MT CBNG RFD Operation - Alternative H Revised (240:10:1 @ 1.5g/bhp-hr)



PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: MTCBNG RFD OPER ug/m^3

0.01 0.05 0.10 0.25 0.50 1.00 1.50 2.00

COMMENTS:

* Assumes 75% NOx to NO2 conversion.

MODELING OPTIONS:

CONC

Figure D-10

MODELER:

OUTPUT TYPE:	RECEPTORS:	SCALE: 1:1,408
Concentration	**785**	0 40 km

MAX:	UNITS:	DATE:	PROJECT NO.:
2.16488	**ug/m^3**	**10/29/2007**	

POST View - Lakes Environmental Software

Y:\BLM-MT\calpost recs within 1km excluded\Alt H revisions\MT CBNG RFD OPER\Plots\NO2 Ann\NO2_ann.plt

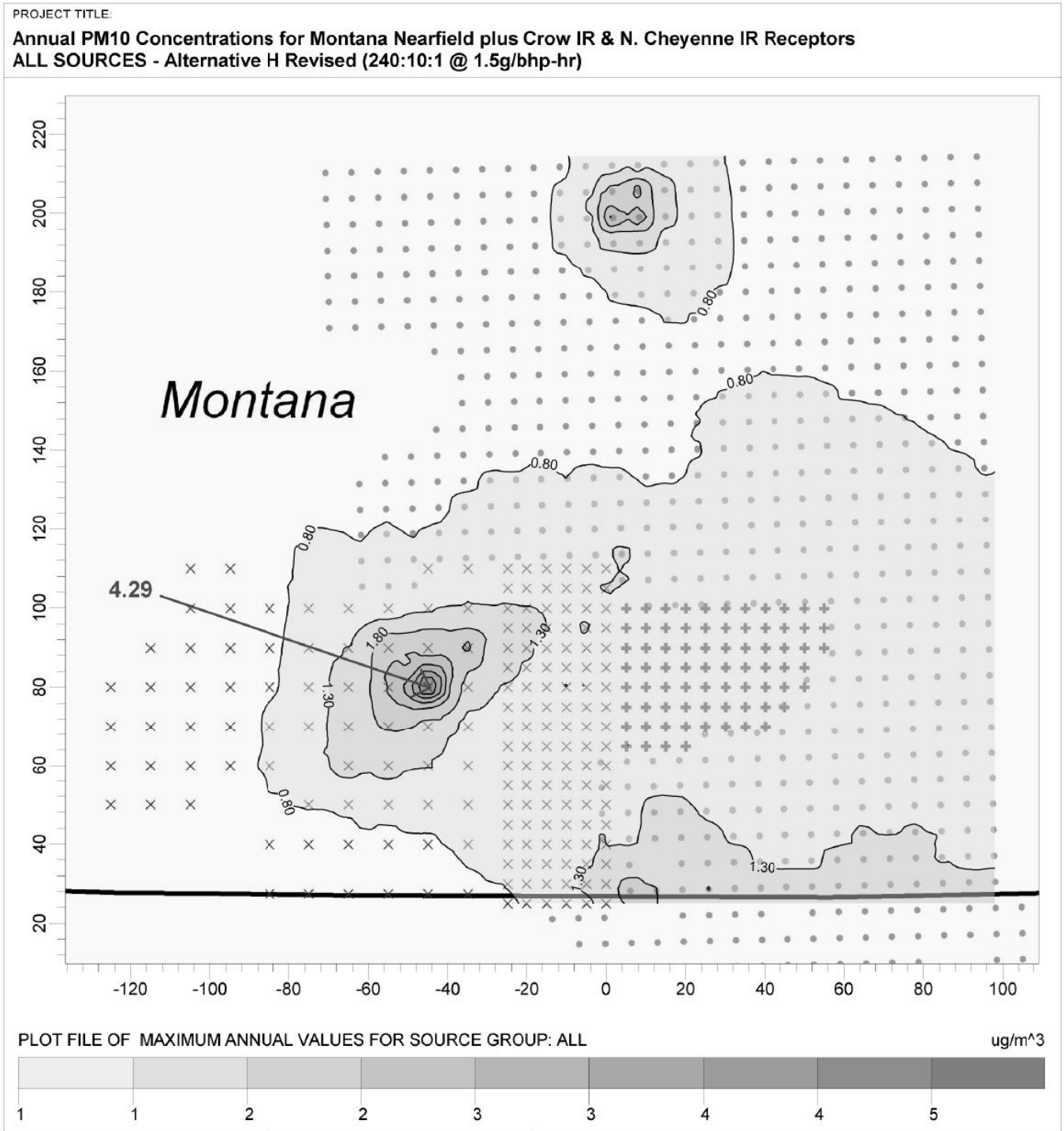
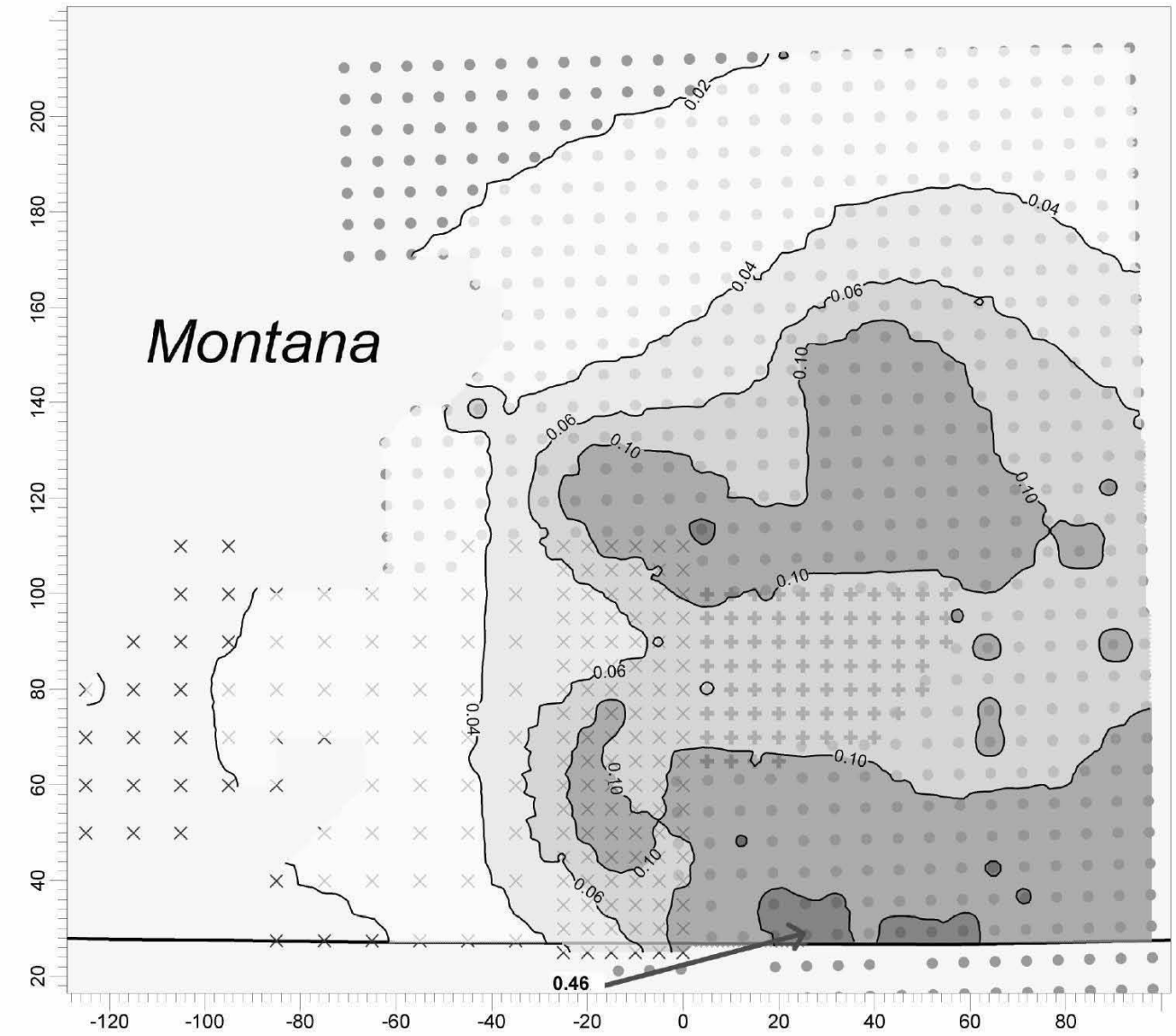

PROJECT TITLE:
Annual PM10 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
ALL SOURCES - Alternative H Revised (240:10:1 @ 1.5g/bhp-hr)
Montana
4.29
0.80
1.30
1.80
PLOT FILE OF MAXIMUM ANNUAL VALUES FOR SOURCE GROUP: ALL
ug/m^3
1
1
2
2
3
3
4
4
5
COMMENTS:
MODELING OPTIONS:
CONC
OUTPUT TYPE:
Concentration
RECEPTORS:
783
MAX:
4.291
UNITS:
ug/m^3
MODELER:
SCALE:
1:1,500
0
40 km
DATE:
2/12/2008
PROJECT NO.:
POST View - Lakes Environmental Software\BLM MONTANA\CLASS I MODELING\ALTERNATIVES MODELING\CALPOST\PLOTS\ALL ALT H REVISED\PM10 ANNUAL\PM10_ANN.PLT

Figure D-11

PROJECT TITLE:

Annual PM10 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
MT CBNG RFD Operation - Alternative H Revised (240:10:1 @ 1.5g/bhp-hr)



PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: MTCBNG RFD OPER ug/m^3

0.02 0.04 0.06 0.10 0.30 0.50

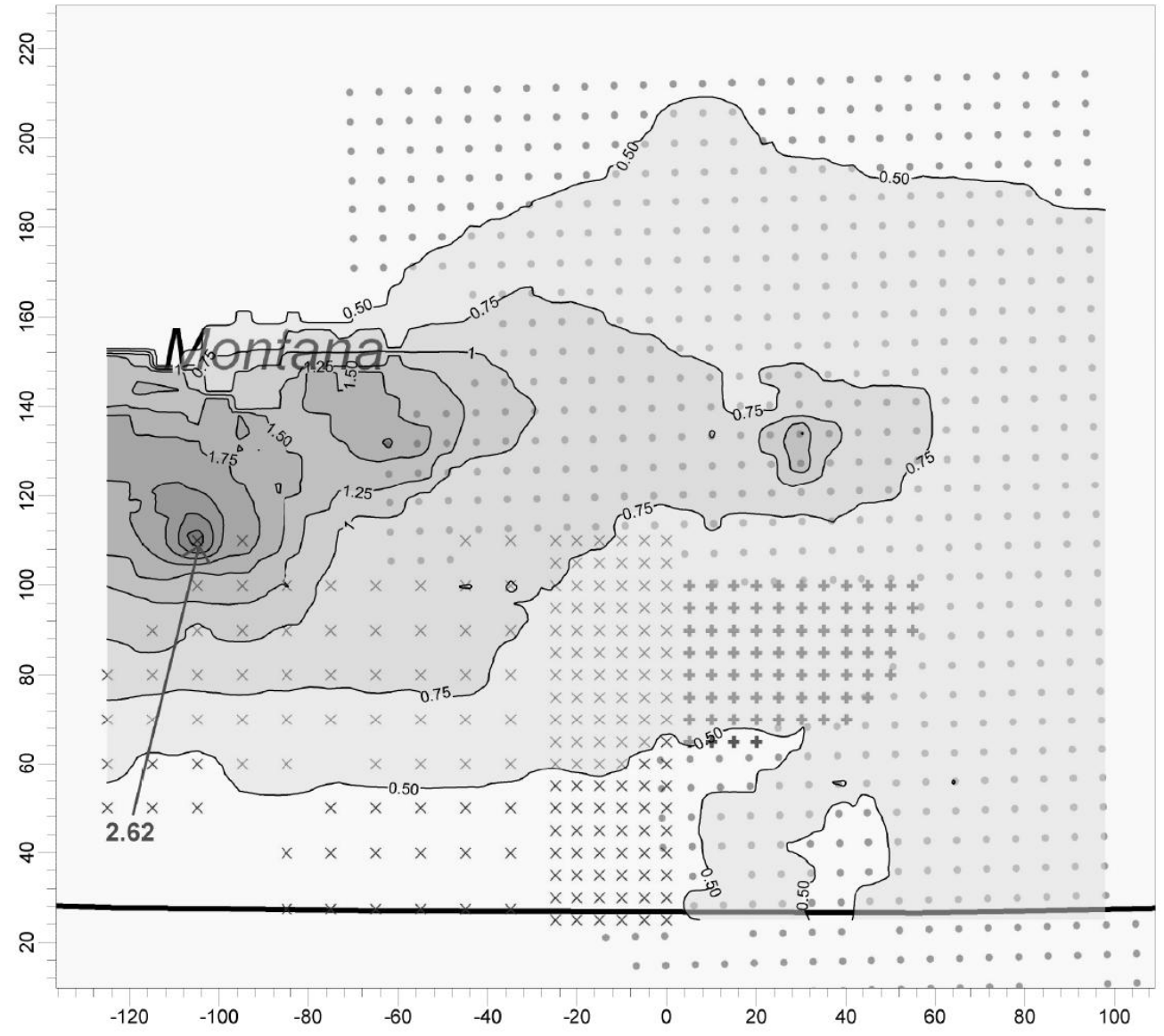
COMMENTS:	MODELING OPTIONS: **CONC**	Figure D-12	
		MODELER:	
OUTPUT TYPE: **Concentration**	RECEPTORS: **785**	SCALE: 1:1,408 (0 — 40 km)	
MAX: **0.46264**	UNITS: **ug/m^3**	DATE: **10/29/2007**	PROJECT NO.:

POST View - Lakes Environmental Software

Y:\BLM-MT\calpost recs within 1km excluded\Alt H revisions\MT CBNG RFD OPER\Plots\PM10 Ann\PM10_ann.plt

PROJECT TITLE:

Annual SO2 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
ALL SOURCES - Alternative H Revised (240:10:1 @ 1.5g/bhp-hr)



PLOT FILE OF MAXIMUM ANNUAL VALUES FOR SOURCE GROUP: ALL ug/m^3

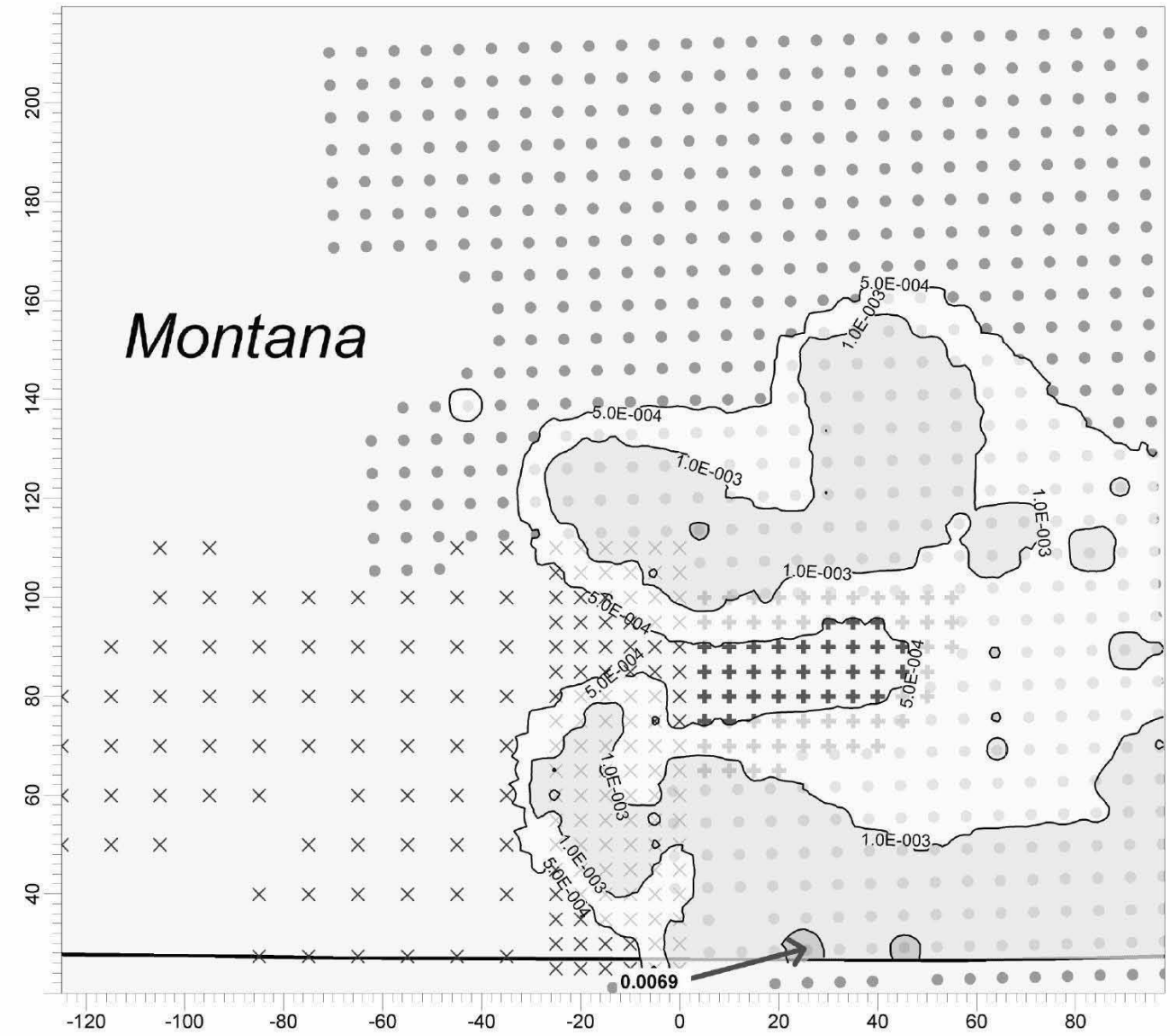
1 1 1 1 2 2 2 2 3

COMMENTS:	MODELING OPTIONS: CONC		**Figure D-13**
			MODELER:
	OUTPUT TYPE: Concentration	RECEPTORS: 783	SCALE: 1:1,500 (0 — 40 km)
	MAX: 2.622	UNITS: ug/m^3	DATE: 2/12/2008
			PROJECT NO.:

POST View - Lakes Environmental Software [C:\PROJECTS\BLM MONTANA\CLASS I MODELING\ALTERNATIVES MODELING\CALPOST\PLOTS\ALL ALT H REVISED\SO2 ANNUAL\SO2_ANN.PLT

PROJECT TITLE:

Annual SO2 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
MT CBNG RFD Operation - Alternative H Revised (240:10:1 @ 1.5g/bhp-hr)



PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: MTCBNG RFD OPER ug/m^3

5.0E-004 1.0E-003 5.0E-003 1.0E-002 1.5E-002 2.0E-002 2.5E-002

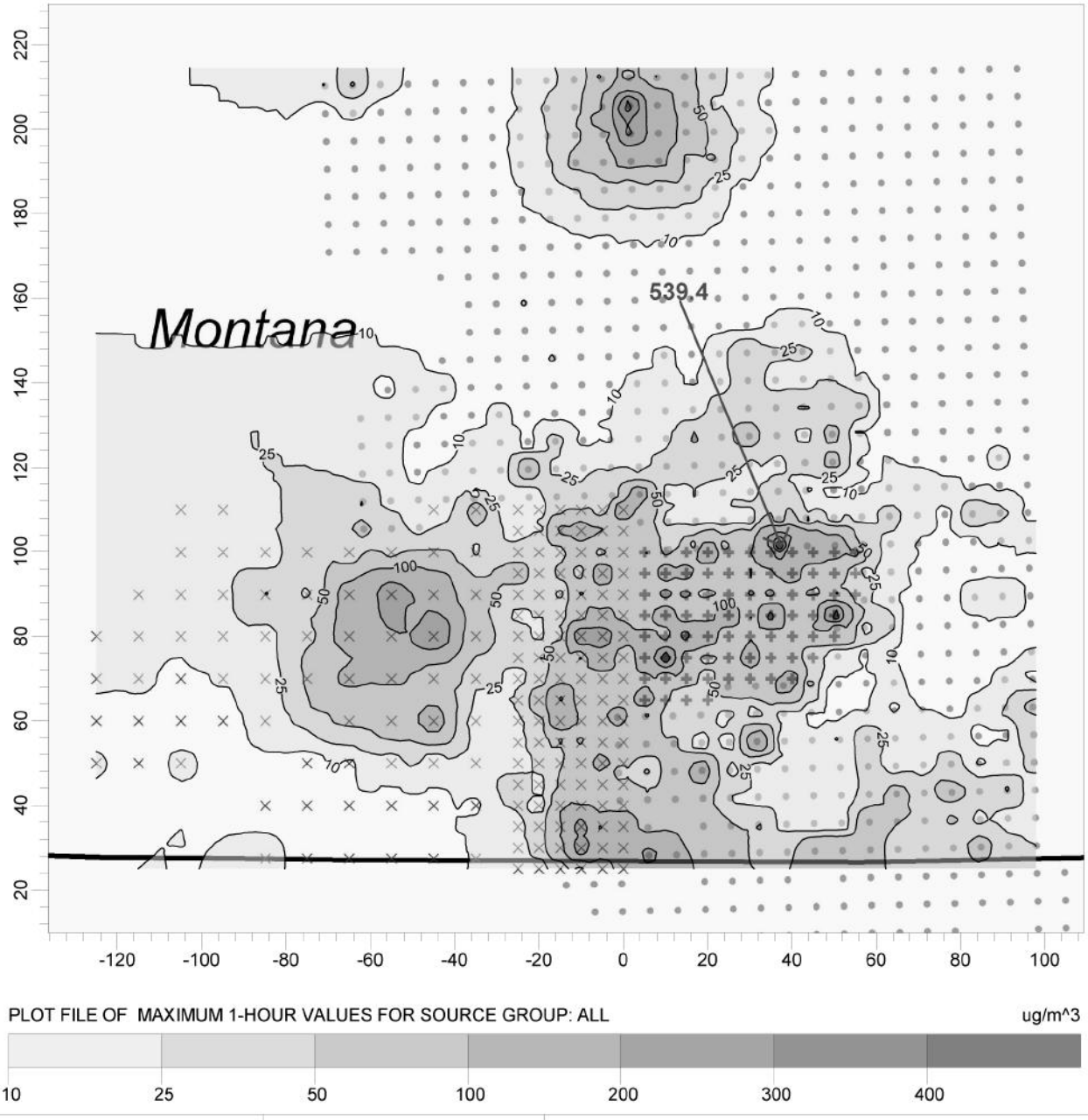
COMMENTS:	MODELING OPTIONS: **CONC**	Figure D-14	
		MODELER:	
	OUTPUT TYPE: **Concentration** / RECEPTORS: **785**	SCALE: 1:1,361 (0 — 40 km)	
	MAX: **0.0069** / UNITS: **ug/m^3**	DATE: **10/29/2007**	PROJECT NO.:

POST View - Lakes Environmental Software

Y:\BLM-MT\calpost recs within 1km excluded\Alt H revisions\MT CBNG RFD OPER\Plots\SO2 Ann\SO2_ann.plt

PROJECT TITLE:

1-Hour NO2 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
ALL SOURCES - Scenario 2A (50% Reduction of Scenario 2 Compressor Operations and Maintenance Emissions)



PLOT FILE OF MAXIMUM 1-HOUR VALUES FOR SOURCE GROUP: ALL ug/m^3

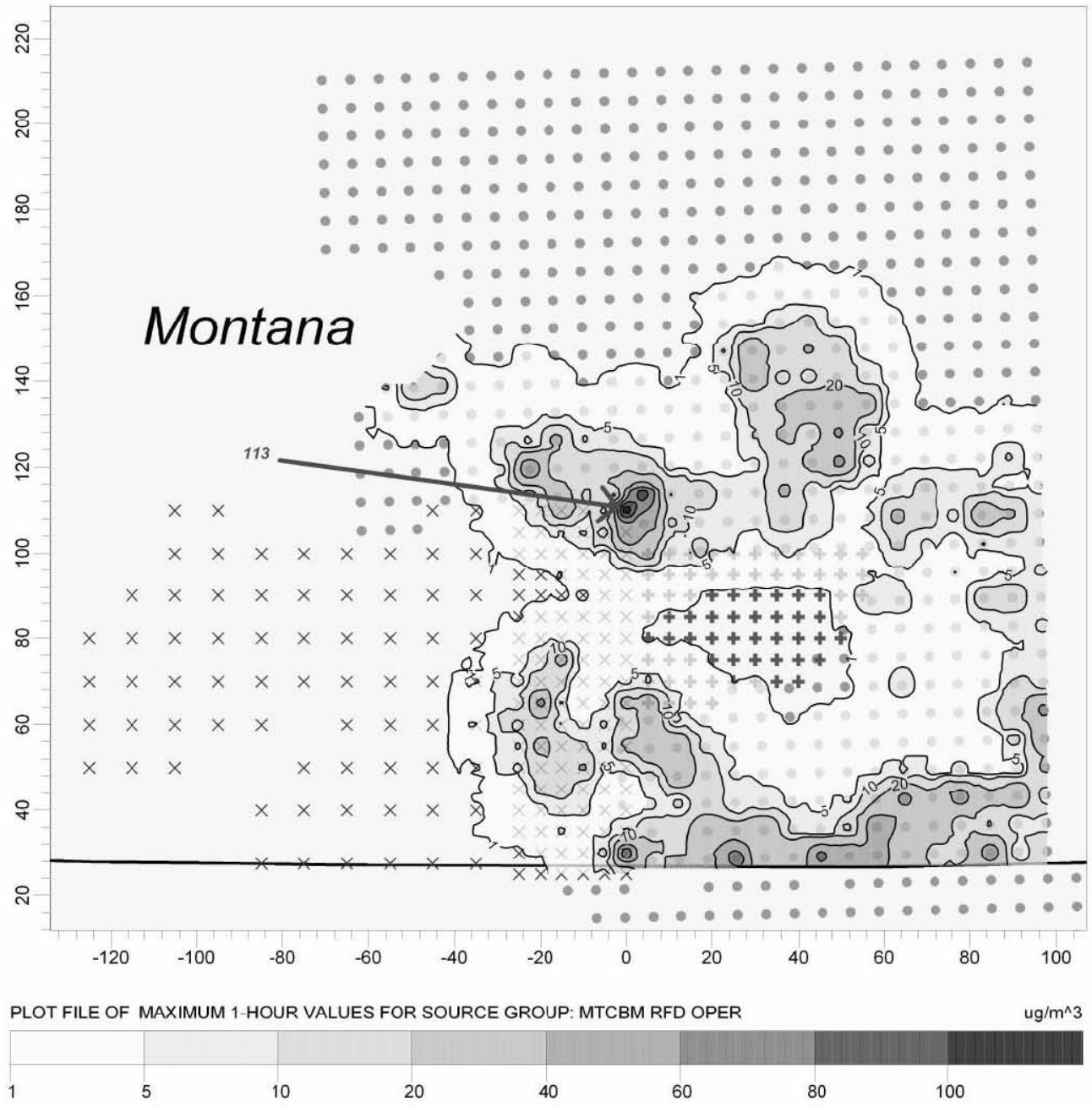
10 25 50 100 200 300 400

COMMENTS: Assumes 75% NOx to NO2 conversion.	MODELING OPTIONS: CONC		Figure D-15
			MODELER:
	OUTPUT TYPE: Concentration	RECEPTORS: 783	SCALE: 1:1,500 (0 — 40 km)
	MAX: 539.385	UNITS: ug/m^3	DATE: 2/12/2008
			PROJECT NO.:

POST View - Lakes Environmental Software J:\AQES\Projects\BLM Montana\Class I Modeling\Alternatives Modeling\CALPOST\Plots\ALL 1.0g NOX 50% Red\NO2 1 hour\NO2_1hr.plt

PROJECT TITLE:

1-Hour NO2 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
MT CBNG RFD Operation Sources-Scenario 2A



COMMENTS:

* Assumes 50% of the 1 g NOx modeling case.

* Assumes 75% NOx to NO2 conversion.

MODELING OPTIONS:

CONC

Figure D-16

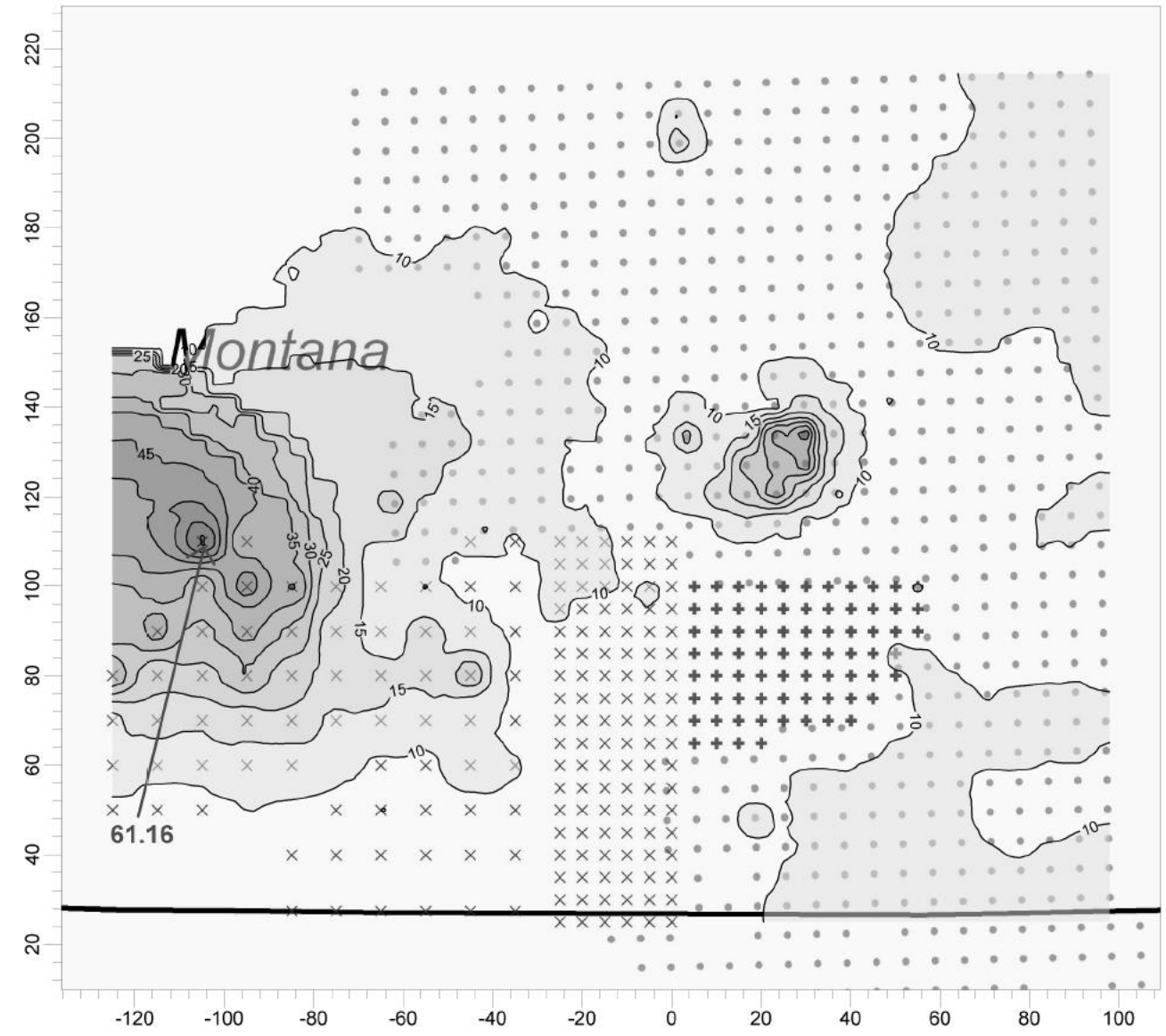
OUTPUT TYPE:	RECEPTORS:	SCALE:	
Concentration	**785**	0	1:1,471 40 km

MAX:	UNITS:	DATE:	PROJECT NO.:
112.665	**ug/m^3**	**10/25/2007**	

POST View - Lakes Environmental Software

PROJECT TITLE:

3-Hour SO2 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
ALL SOURCES - Scenario 2A (50% Reduction of Scenario 2 Compressor Operations and Maintenance Emissions)



PLOT FILE OF HIGHEST SECOND-HIGHEST 3-HOUR VALUES FOR SOURCE GROUP: ALL ug/m^3

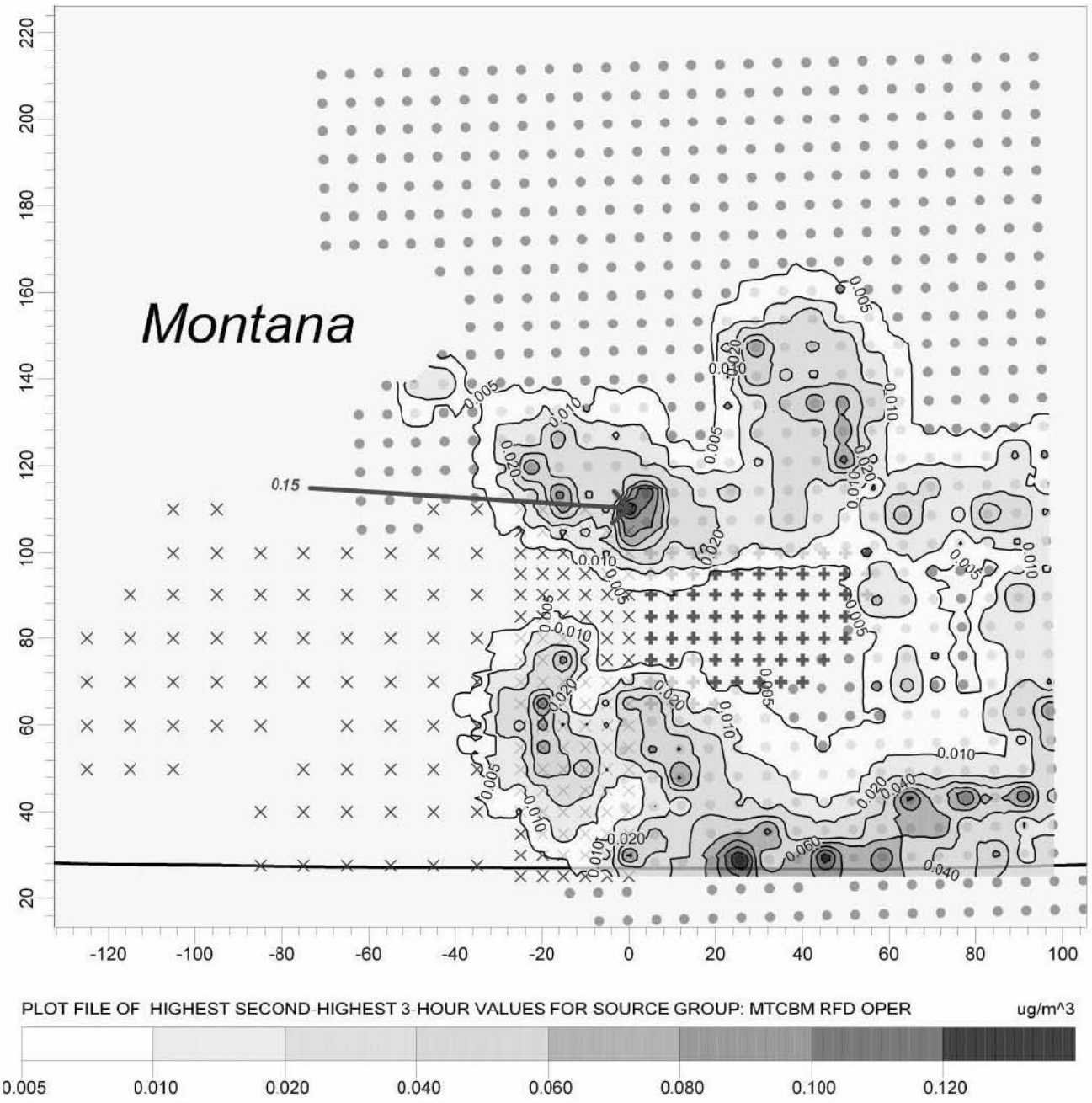
10 15 20 25 30 35 40 45 50 55 60

COMMENTS:	MODELING OPTIONS: CONC	**Figure D-17**	
		MODELER:	
	OUTPUT TYPE: Concentration	RECEPTORS: 783	SCALE: 1:1,500 (0 — 40 km)
	MAX: 61.155	UNITS: ug/m^3	DATE: 2/12/2008
			PROJECT NO.:

POST View - Lakes Environmental Software J:\AQES\Projects\BLM Montana\Class I Modeling\Alternatives Modeling\CALPOST\Plots\ALL 1.0g NOX 50% Red\SO2 3 hour\SO2_3HR.plt

PROJECT TITLE:

3-Hour SO2 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
MT CBNG RFD Operation Sources - Alt H Revised-Scenario 2A



COMMENTS: * Assumes 50% of the 1 g NOx modeling case.	MODELING OPTIONS: CONC	Figure D-18	
	OUTPUT TYPE: Concentration	RECEPTORS: 785	SCALE: 1:1,452 0 40 km
	MAX: 0.14773	UNITS: ug/m^3	DATE: 10/15/2007
			PROJECT NO.:

POST View - Lakes Environmental Software

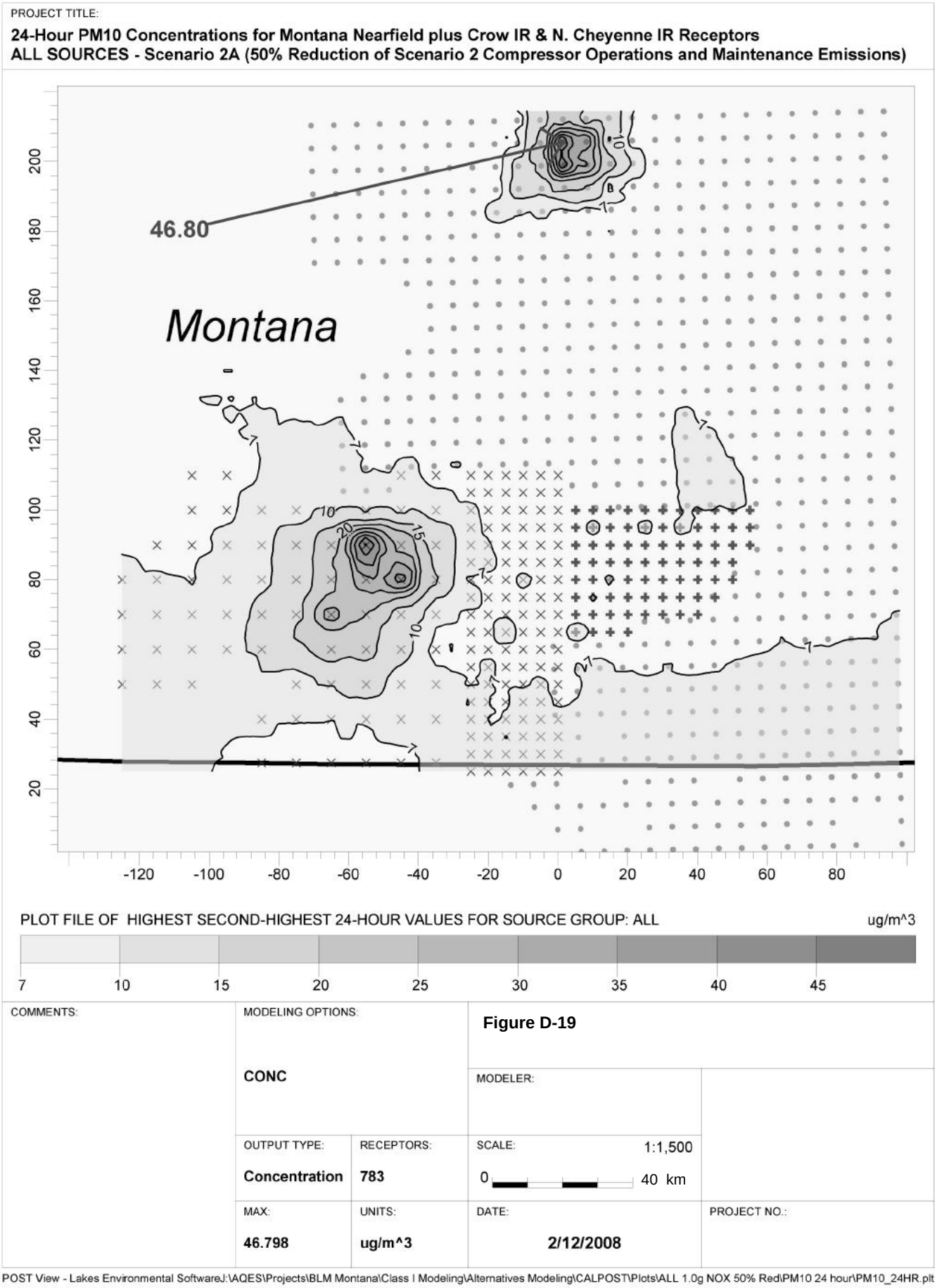
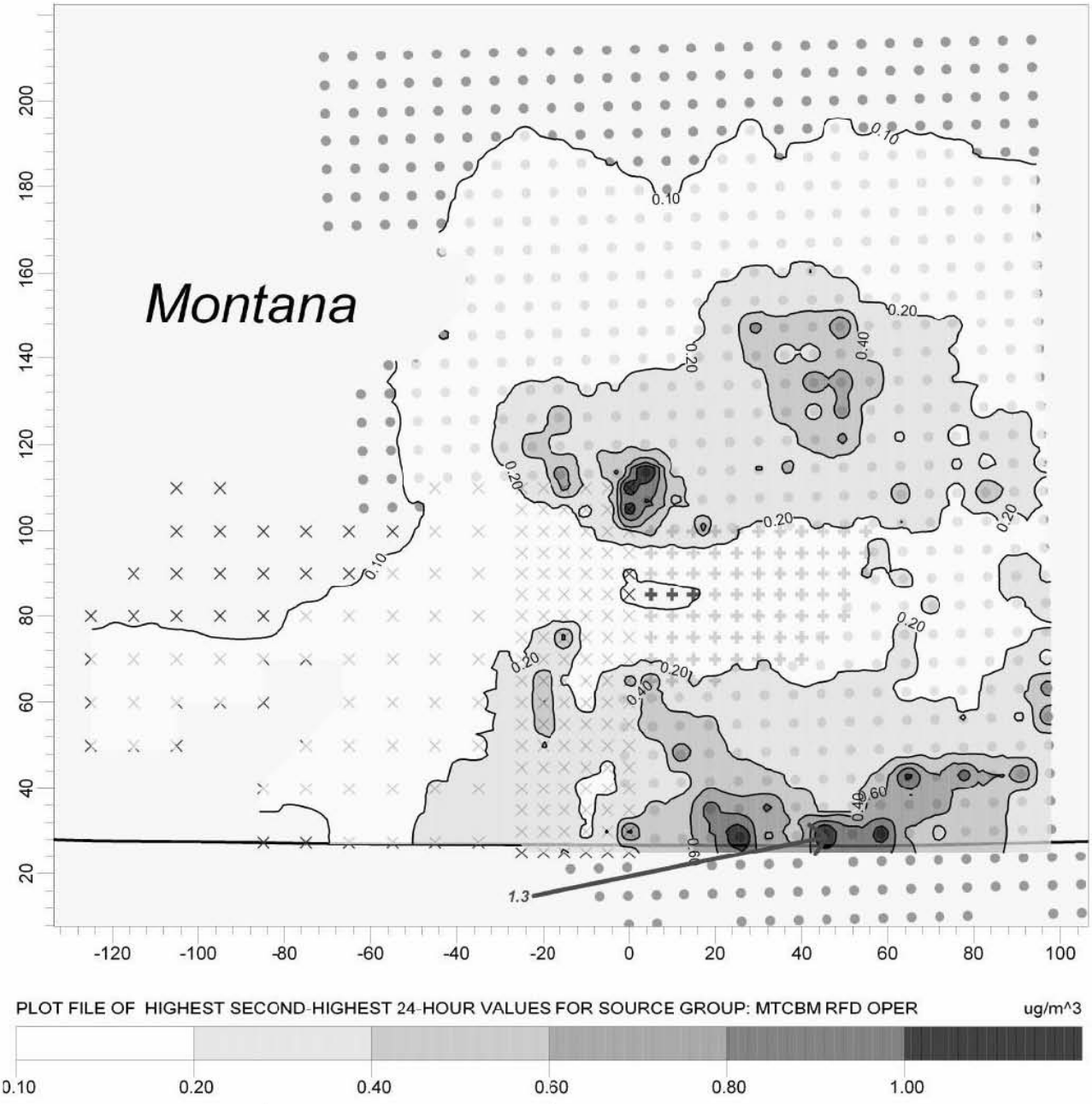

PROJECT TITLE:
24-Hour PM10 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
ALL SOURCES - Scenario 2A (50% Reduction of Scenario 2 Compressor Operations and Maintenance Emissions)
46.80
Montana
PLOT FILE OF HIGHEST SECOND-HIGHEST 24-HOUR VALUES FOR SOURCE GROUP: ALL
ug/m^3
7 10 15 20 25 30 35 40 45
COMMENTS:
MODELING OPTIONS:
CONC
OUTPUT TYPE:
Concentration
RECEPTORS:
783
MAX:
46.798
UNITS:
ug/m^3
MODELER:
SCALE:
1:1,500
0 40 km
DATE:
2/12/2008
PROJECT NO.:
POST View - Lakes Environmental SoftwareJ:\AQES\Projects\BLM Montana\Class I Modeling\Alternatives Modeling\CALPOST\Plots\ALL 1.0g NOX 50% Red\PM10 24 hour\PM10_24HR.plt

Figure D-19

PROJECT TITLE:

24-Hour PM10 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
MT CBNG RFD Operation Sources - Alt H Revised-Scenario 2A



PLOT FILE OF HIGHEST SECOND-HIGHEST 24-HOUR VALUES FOR SOURCE GROUP: MTCBM RFD OPER ug/m^3

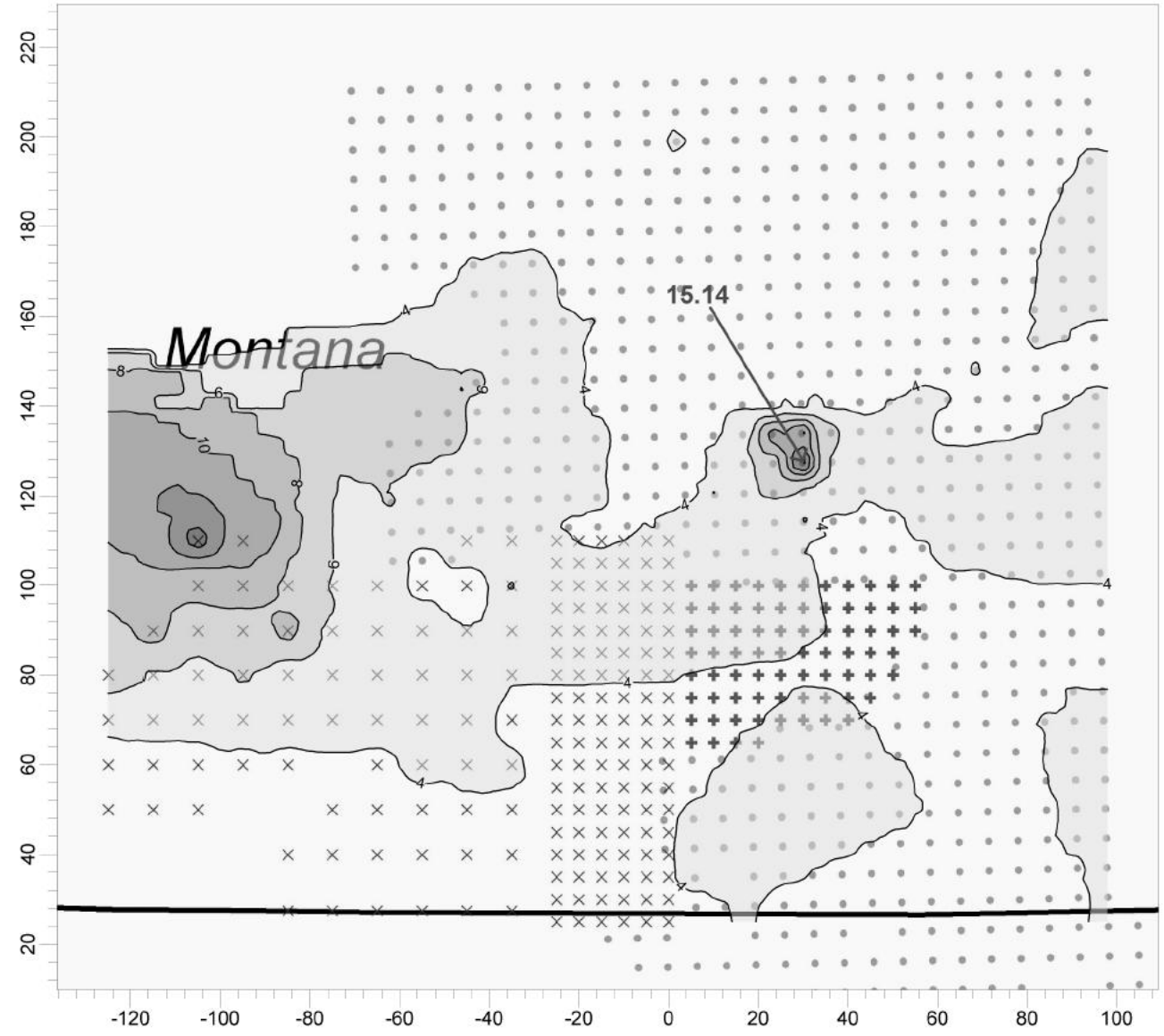
0.10 0.20 0.40 0.60 0.80 1.00

COMMENTS: * Assumes 50% of the 1 g NOx modeling case.	MODELING OPTIONS: CONC	Figure D-20	
	OUTPUT TYPE: Concentration	RECEPTORS: 785	SCALE: 1:1,465 (0 — 40 km)
	MAX: 1.3124	UNITS: ug/m^3	DATE: 10/12/2007
			PROJECT NO.:

POST View - Lakes Environmental Software

PROJECT TITLE:

24-Hour SO2 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
ALL SOURCES - Scenario 2A (50% Reduction of Scenario 2 Compressor Operations and Maintenance Emissions)



PLOT FILE OF HIGHEST SECOND-HIGHEST 24-HOUR VALUES FOR SOURCE GROUP: ALL ug/m^3

4 6 8 10 12 14

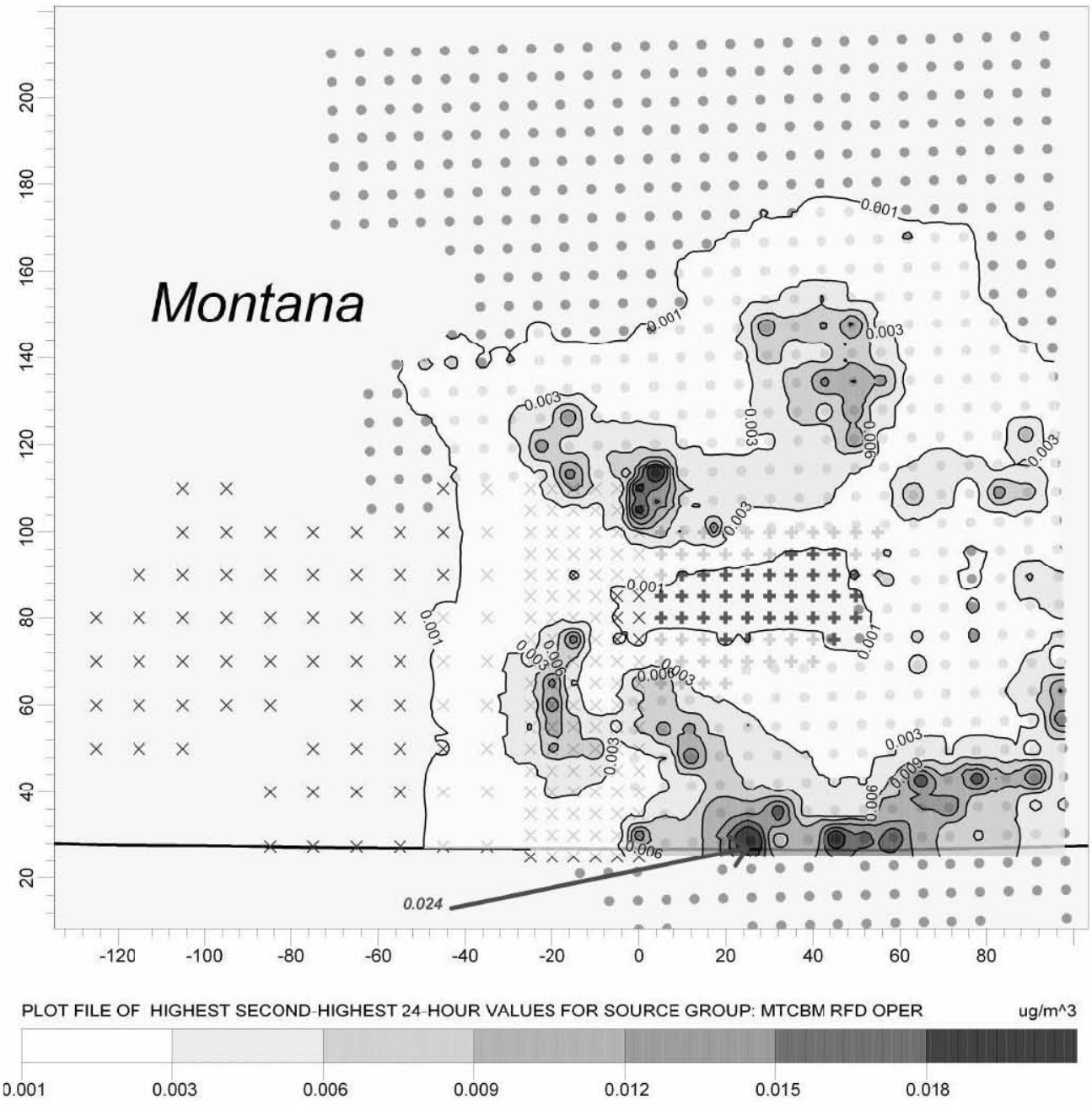
COMMENTS:	MODELING OPTIONS: CONC		
		MODELER:	
	OUTPUT TYPE: Concentration	RECEPTORS: 783	SCALE: 1:1,500 (0 — 40 km)
	MAX: 15.141	UNITS: ug/m^3	DATE: 2/12/2008
			PROJECT NO.:

Figure D-21

POST View - Lakes Environmental Software J:\AQES\Projects\BLM Montana\Class I Modeling\Alternatives Modeling\CALPOST\Plots\ALL 1.0g NOX 50% Red\SO2 24 hour\SO2_24HR.plt

PROJECT TITLE:

24-Hour SO2 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
MT CBNG RFD Operation Sources - Alt H Revised-Scenario 2A



PLOT FILE OF HIGHEST SECOND-HIGHEST 24-HOUR VALUES FOR SOURCE GROUP: MTCBM RFD OPER ug/m^3

0.001 0.003 0.006 0.009 0.012 0.015 0.018

COMMENTS:

* Assumes 50% of the 1 g NOx modeling case.

MODELING OPTIONS:

CONC

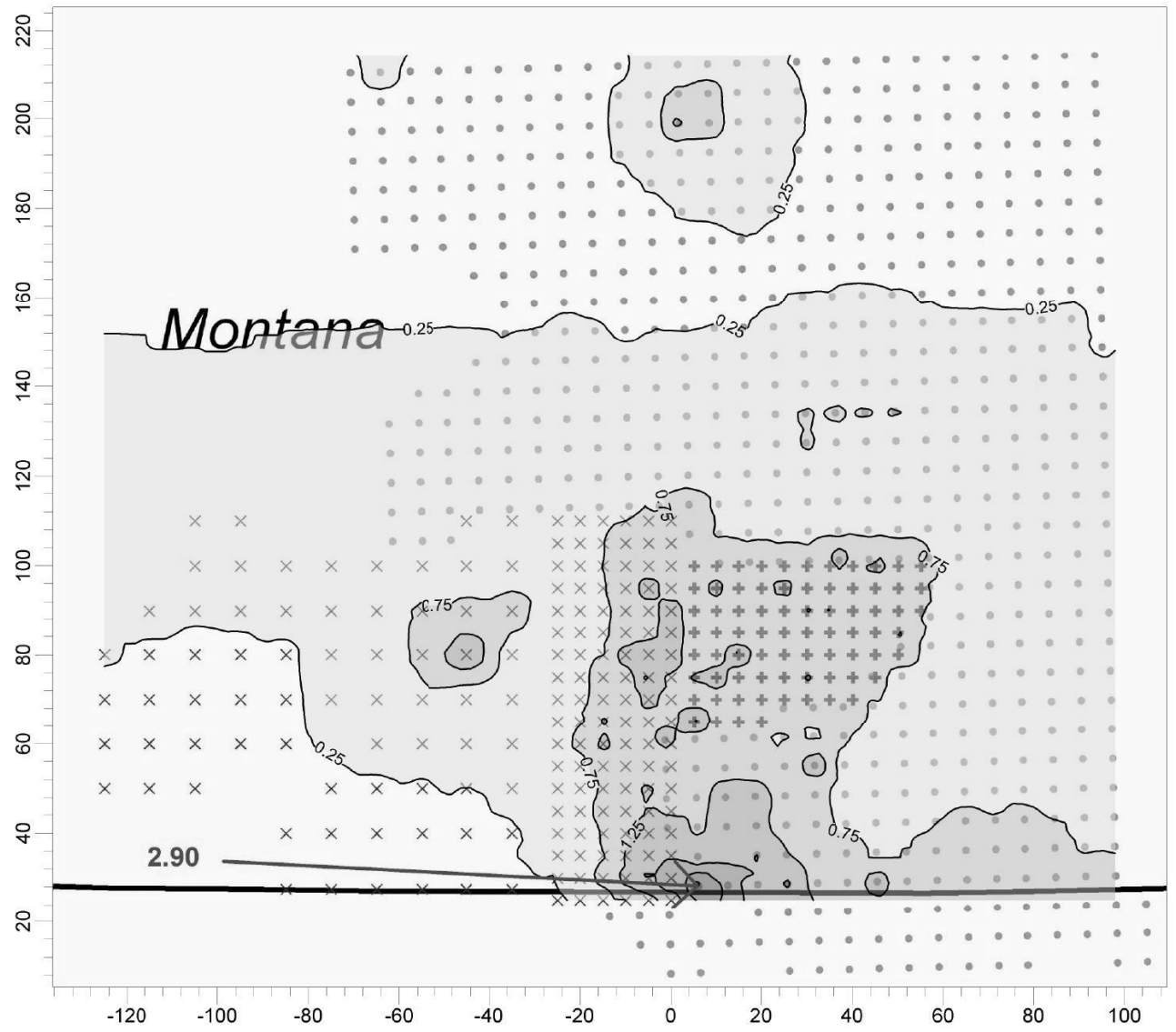
Figure D-22

OUTPUT TYPE:	RECEPTORS:	SCALE:	
Concentration	**785**	0	1:1,452 / 40 km
MAX:	UNITS:	DATE:	PROJECT NO.:
0.02428	**ug/m^3**	**10/15/2007**	

POST View - Lakes Environmental Software

PROJECT TITLE:

Annual NO2 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
ALL SOURCES - Scenario 2A (50% Reduction of Scenario 2 Compressor Operations and Maintenance Emissions)



PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL ug/m^3

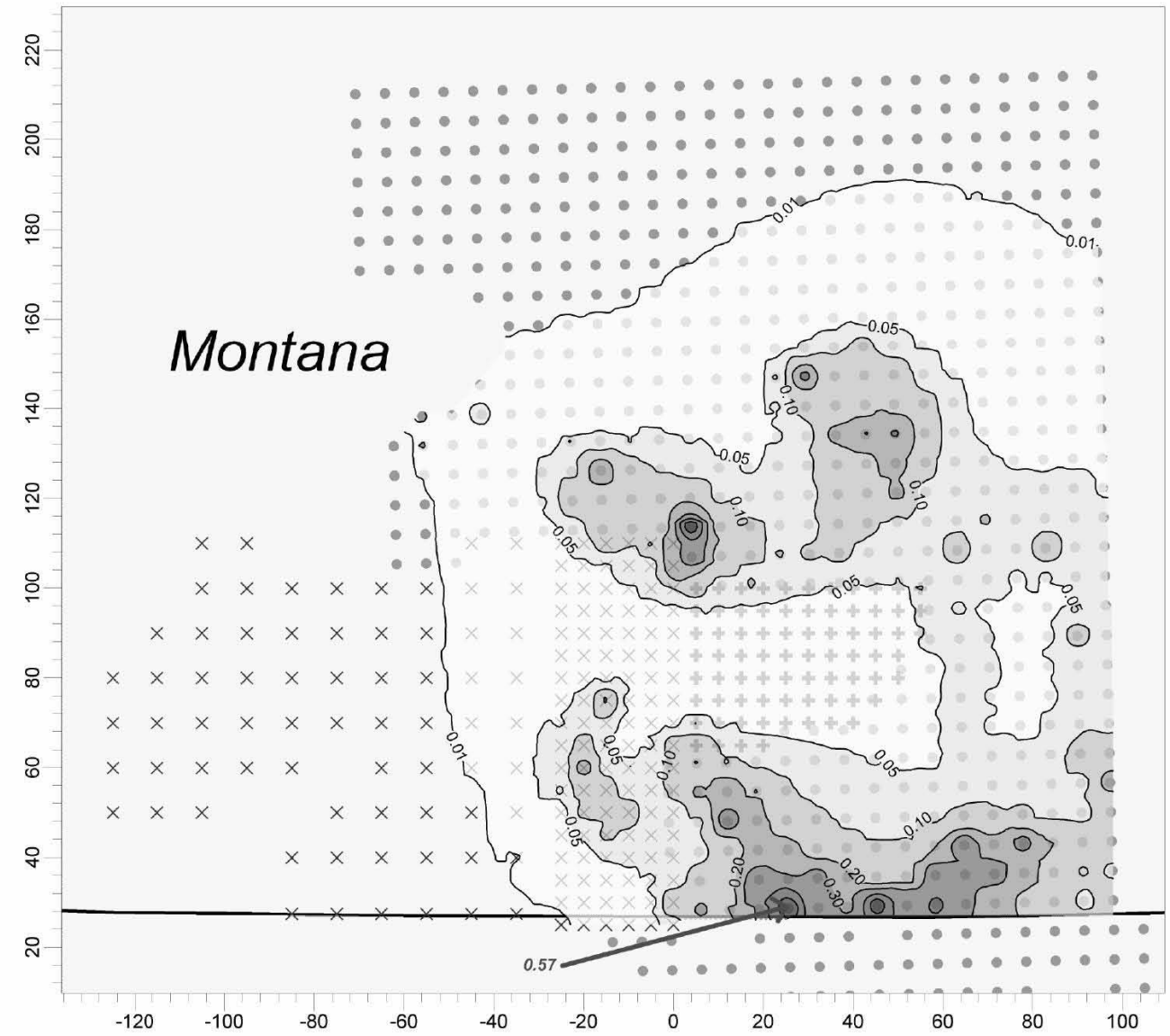
0 1 1 2 2 3 3

COMMENTS: Assumes 75% NOx to NO2 conversion.	MODELING OPTIONS: CONC	COMPANY NAME: Figure D-23	
		MODELER:	
	OUTPUT TYPE: Concentration / RECEPTORS: 783	SCALE: 1:1,500 (0 — 40 km)	
	MAX: 2.8994 / UNITS: ug/m^3	DATE: 9/2/2008	PROJECT NO.:

POST View - Lakes Environmental Software J:\AQES\Projects\BLM Montana\Class I Modeling\Alternatives Modeling\CALPOST\Plots\ALL 1.0g NOX 50% Red\NO2 Annual\NO2_ANN.plt

PROJECT TITLE:

Annual NO2 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
MT CBNG RFD Operation Sources - Scenario 2A (200:5:1 @ 1.0g/bhp-hr) 50% Reduction



PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: MTCBM RFD OPER ug/m^3

0.01 0.05 0.10 0.20 0.30 0.40 0.50 0.60

COMMENTS:

* Assumes 75% NOx to NO2 conversion.

MODELING OPTIONS:

CONC

Figure D-24

MODELER:

OUTPUT TYPE: **Concentration**

RECEPTORS: **785**

SCALE: 1:1,500

0 40 km

MAX: **0.5733**

UNITS: **ug/m^3**

DATE: **10/30/2007**

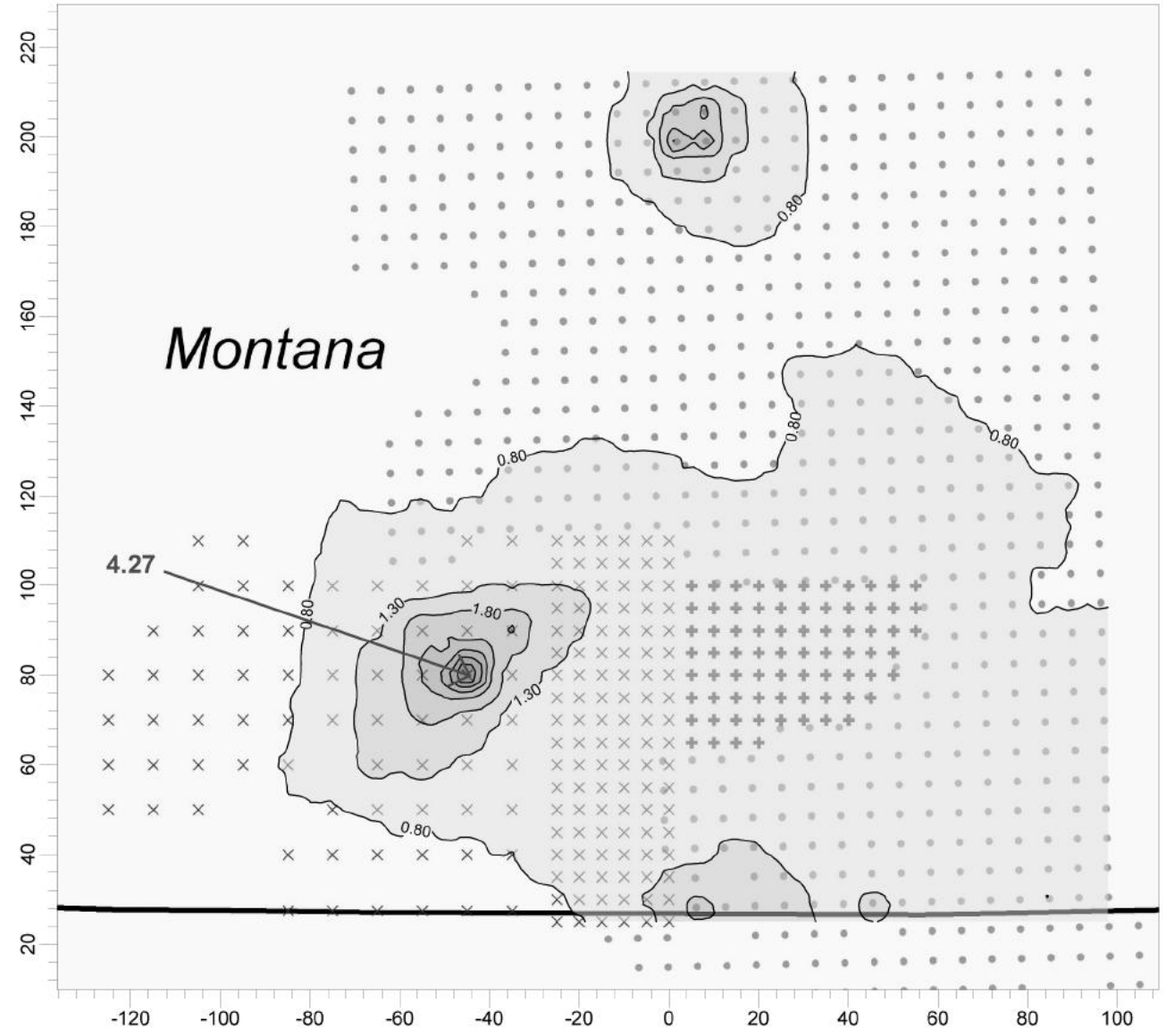
PROJECT NO.:

POST View - Lakes Environmental Software

Y:\BLM-MT\calpost recs within 1km excluded\Alt H revisions\MT CBNG RFD OPER 1.0g NOx 50% Red\Plots\Ann NO2\NO2_ann.plt

PROJECT TITLE:

Annual PM10 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
ALL SOURCES - Scenario 2A (50% Reduction of Scenario 2 Compressor Operations and Maintenance Emissions)



PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL ug/m^3

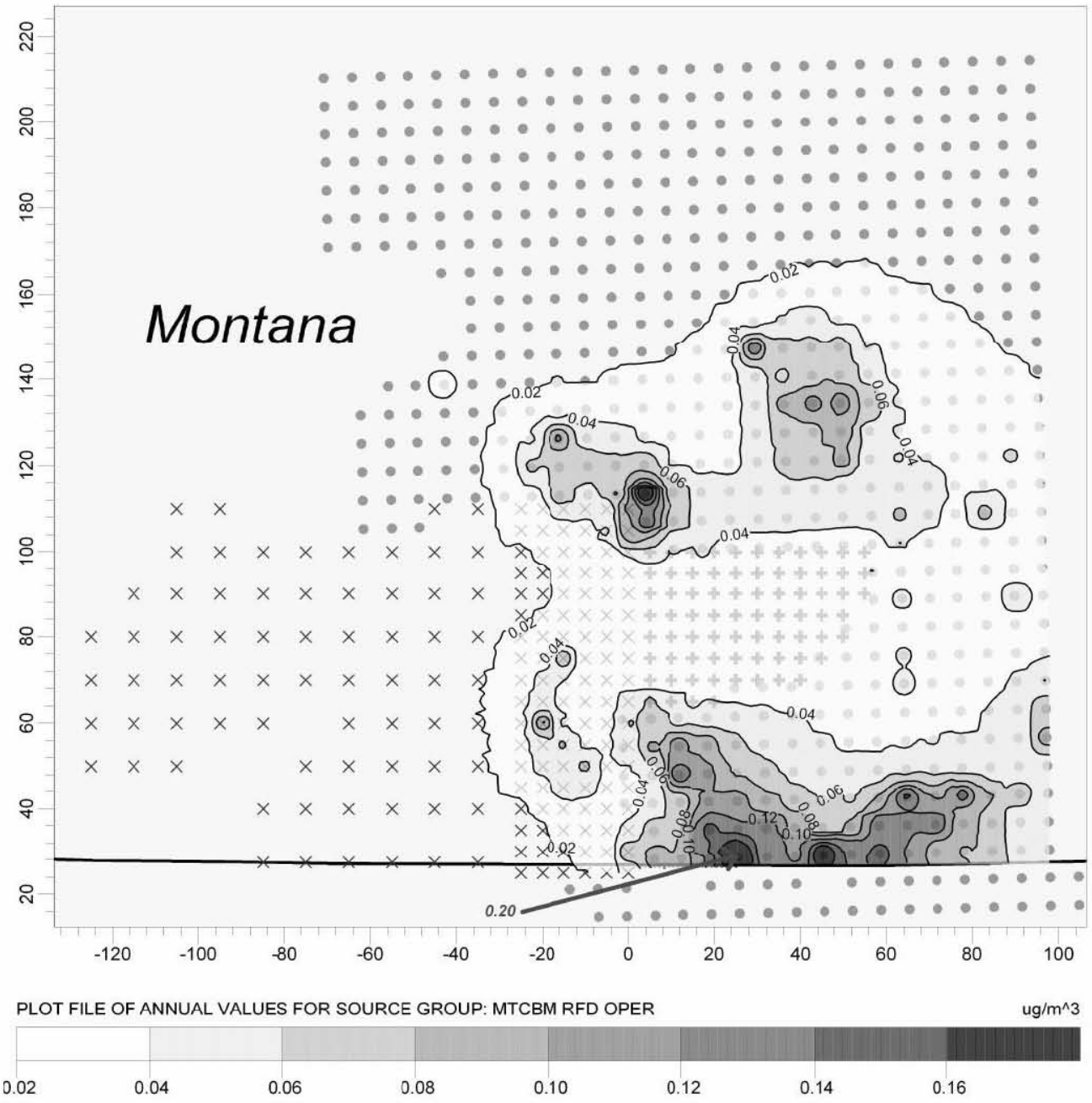
1 1 2 2 3 3 4 4 5

COMMENTS:	MODELING OPTIONS: **CONC**	**Figure D-25**	
		MODELER:	
	OUTPUT TYPE: **Concentration** / RECEPTORS: **783**	SCALE: 1:1,500 (0 — 40 km)	
	MAX: **4.265** / UNITS: **ug/m^3**	DATE: **2/12/2008**	PROJECT NO.:

POST View - Lakes Environmental Software J:\AQES\Projects\BLM Montana\Class I Modeling\Alternatives Modeling\CALPOST\Plots\ALL 1.0g NOX 50% Red\PM10 Annual\PM10_ANN.plt

PROJECT TITLE:

Annual PM10 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
MT CBNG RFD Operation Sources - Alt H Revised-Scenario 2A



COMMENTS: * Assumes 50% of the 1 g NOx modeling case.	MODELING OPTIONS: **CONC**	Figure D-26	
	OUTPUT TYPE: **Concentration**	RECEPTORS: **785**	SCALE: 1:1,465 0 40 km
	MAX: **0.20378**	UNITS: **ug/m^3**	DATE: **10/12/2007**
			PROJECT NO.:

POST View - Lakes Environmental Software

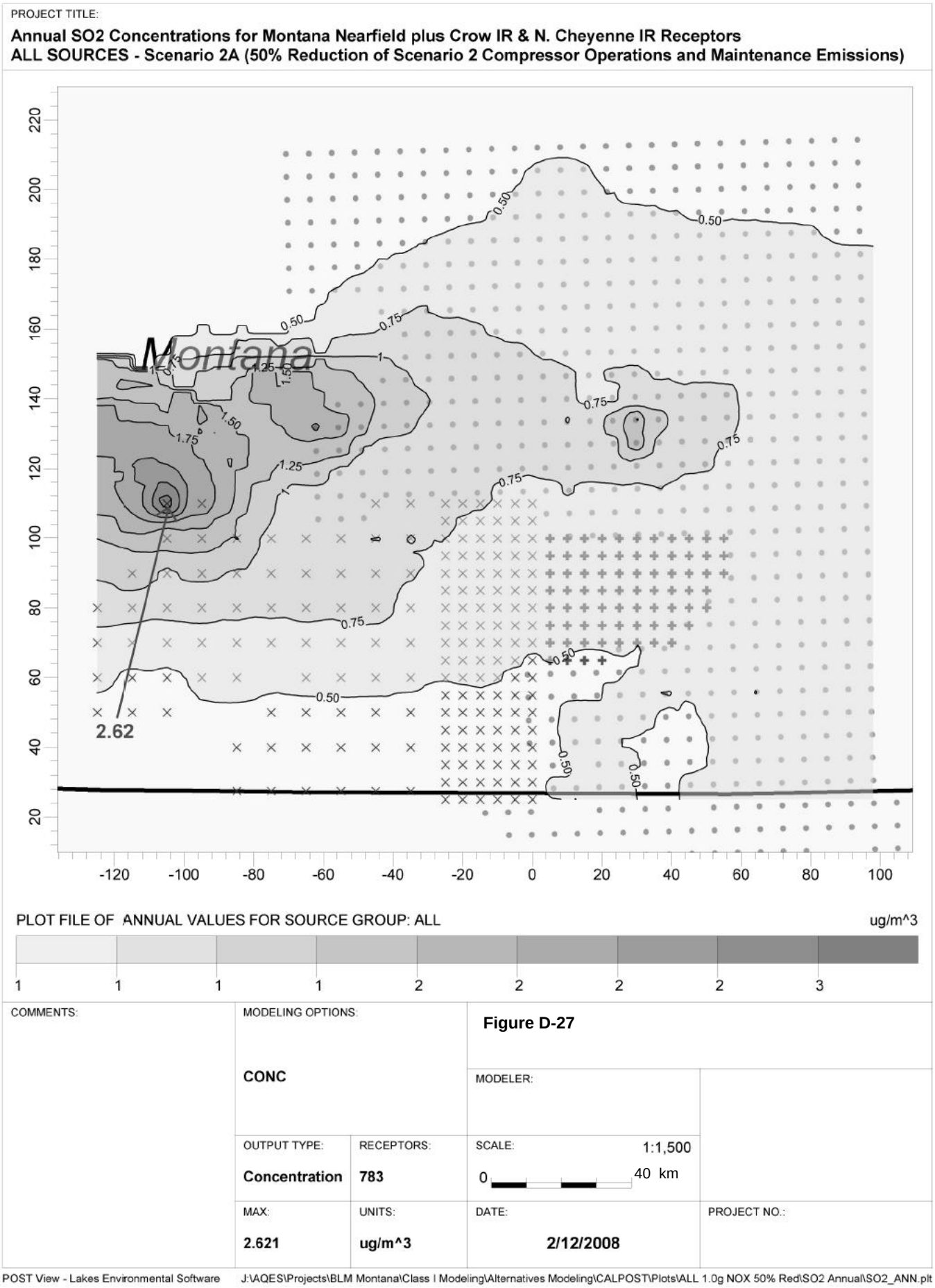
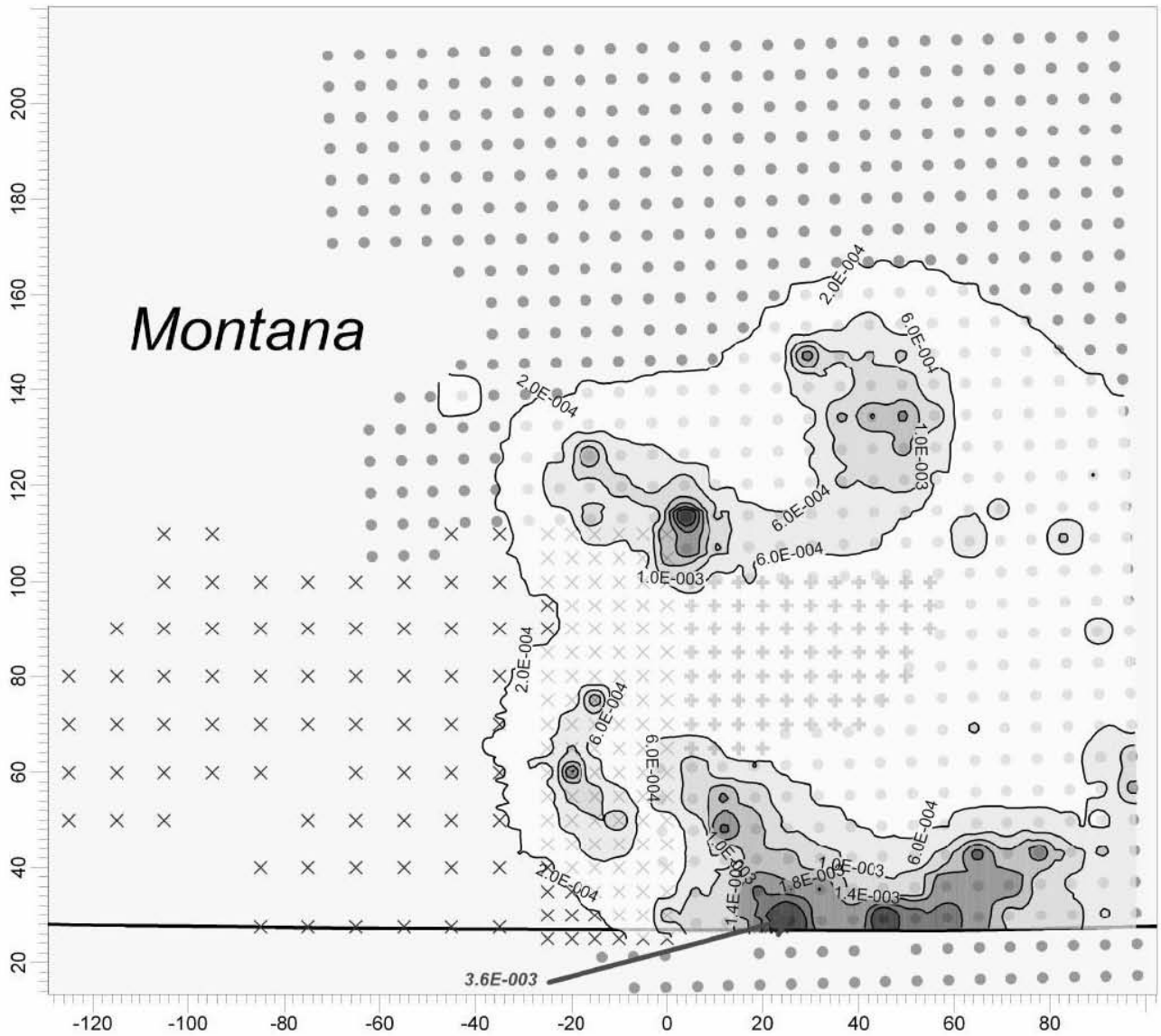

PROJECT TITLE:
Annual SO2 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
ALL SOURCES - Scenario 2A (50% Reduction of Scenario 2 Compressor Operations and Maintenance Emissions)
Montana
2.62
PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL
ug/m^3
COMMENTS:
MODELING OPTIONS:
CONC
OUTPUT TYPE:
Concentration
RECEPTORS:
783
MAX:
2.621
UNITS:
ug/m^3
MODELER:
SCALE:
1:1,500
0
40 km
DATE:
2/12/2008
PROJECT NO.:
POST View - Lakes Environmental Software
J:\AQES\Projects\BLM Montana\Class I Modeling\Alternatives Modeling\CALPOST\Plots\ALL 1.0g NOX 50% Red\SO2 Annual\SO2_ANN.plt

Figure D-27

PROJECT TITLE:

Annual SO2 Concentrations for Montana Nearfield plus Crow IR & N. Cheyenne IR Receptors
MT CBNG RFD Operation Sources - Alt H Revised -Scenario 2A



PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: MTCBM RFD OPER ug/m^3

2.0E-004 6.0E-004 1.0E-003 1.4E-003 1.8E-003 2.2E-003 2.6E-003

COMMENTS: * Assumes 50% of the 1 g NOx modeling case.	MODELING OPTIONS: **CONC**	Figure D-28	
	OUTPUT TYPE: **Concentration**	RECEPTORS: **785**	SCALE: 1:1,413 0 40 km
	MAX: **0.00358**	UNITS: **ug/m^3**	DATE: **10/12/2007**
			PROJECT NO.:

POST View - Lakes Environmental Software