

12:30 PM
Field
Monitoring
Data

SITE: PLANT HATCH

TITLE: FIELD MONITOR GAMMA + BETA DOSE RATE

PERIOD: 0.25 HOUR PROJECTION SCALE: 1.0 MILES

MENU B

MODEL: PROJECTED-PLUME SEGMENT

CURRENT TIME: 08/20/03 12:19

RUN TIME: 08/20/03 12:16

MET: FROM SCENARIO 10

CUR MET: WS= 6MPH, WD= 91, ST=D

END DATE OF 15 MINUTE RATE

COMPUTATION: 08/20/03 12:23

START RELEASE: 08/20/03 07:23

END RELEASE: 08/20/03 12:23

RELEASE: MONITOR VALUES FROM

SCENARIO 10 - ACCIDENT TYPE 03

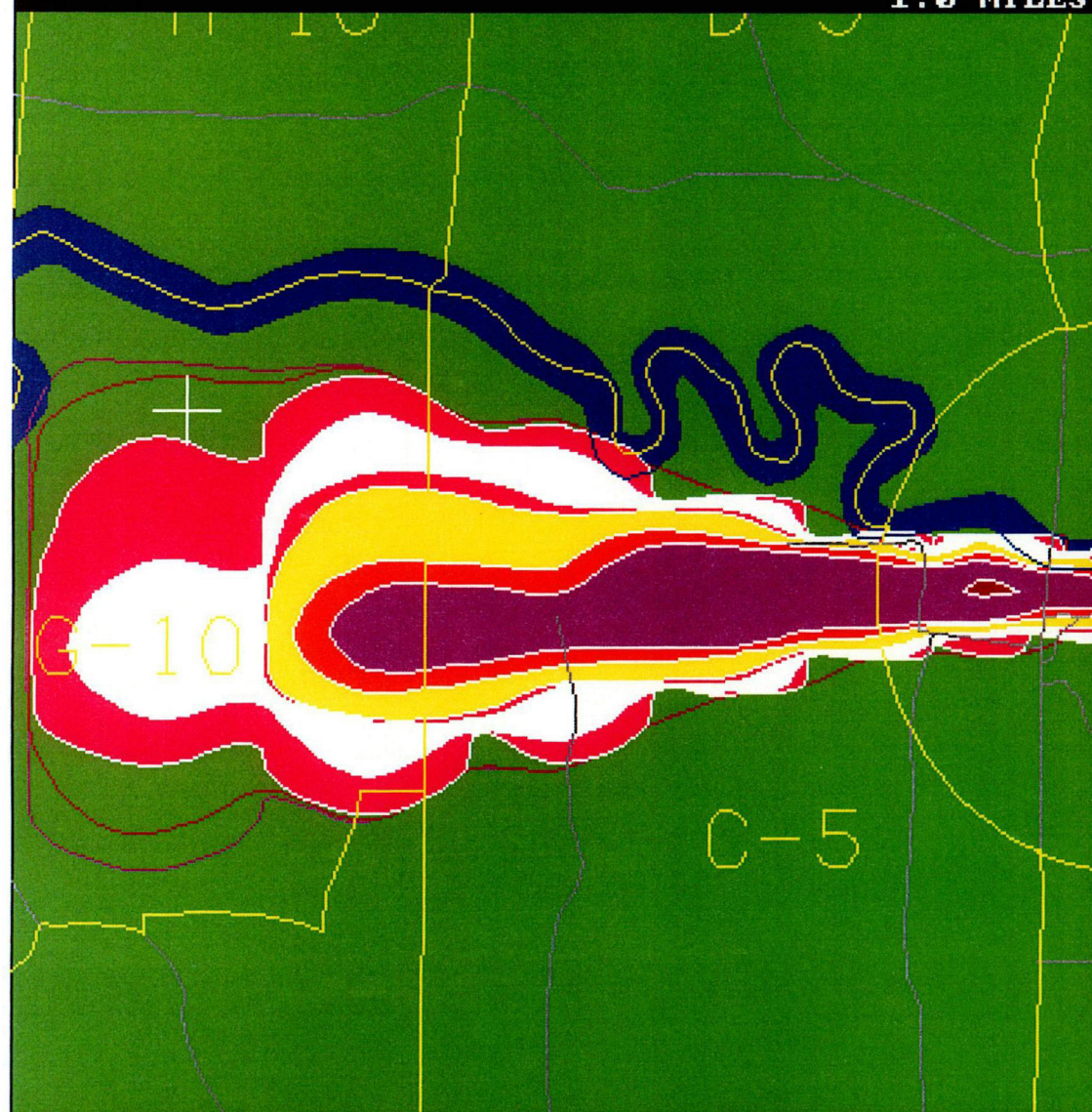
CUR REL RATE(CI/SEC): 2.6E+02

TOTAL CI: NG:1.2E+06, I:4.0E+03

P:6.6E+02

PEAK GAM&B (MREM/HR) : 9.0E+02

DIR(TO): W DIST(MILES): 1.4



CONTOUR LEGEND
GAM+BETA OPEN WIN FRISKER
(MR/HR) (MR/HR) (CPM)

1	5.0E+02	5.0E+02	1.8E+06
2	1.0E+02	1.0E+02	3.6E+05
3	5.0E+01	5.0E+01	1.8E+05
4	1.0E+01	1.0E+01	3.6E+04
5	5.0E+00	5.0E+00	1.8E+04
6	1.0E+00	1.0E+00	3.6E+03
7	1.0E-01	1.0E-01	3.6E+02
8	1.0E-02	1.0E-02	3.6E+01
9	1.0E-03	1.0E-03	3.6E+00

POINT
OF
INTEREST

MAP
FEATURES

SELECT
AREA

RESTORE

CONTINUE

SITE: PLANT HATCH

TITLE: FIELD MONITOR GAMMA DOSE RATE

PERIOD: 0.25 HOUR PROJECTION

SCALE: 1.0 MILES

MENU B

MODEL: PROJECTED-PLUME SEGMENT

CURRENT TIME: 08/20/03 12:20

RUN TIME: 08/20/03 12:16

MET: FROM SCENARIO 10

CUR MET: WS= 6MPH, WD= 91, ST=D

END DATE OF 15 MINUTE RATE

COMPUTATION: 08/20/03 12:23

START RELEASE: 08/20/03 07:23

END RELEASE: 08/20/03 12:23

RELEASE: MONITOR VALUES FROM

SCENARIO 10 - ACCIDENT TYPE 03

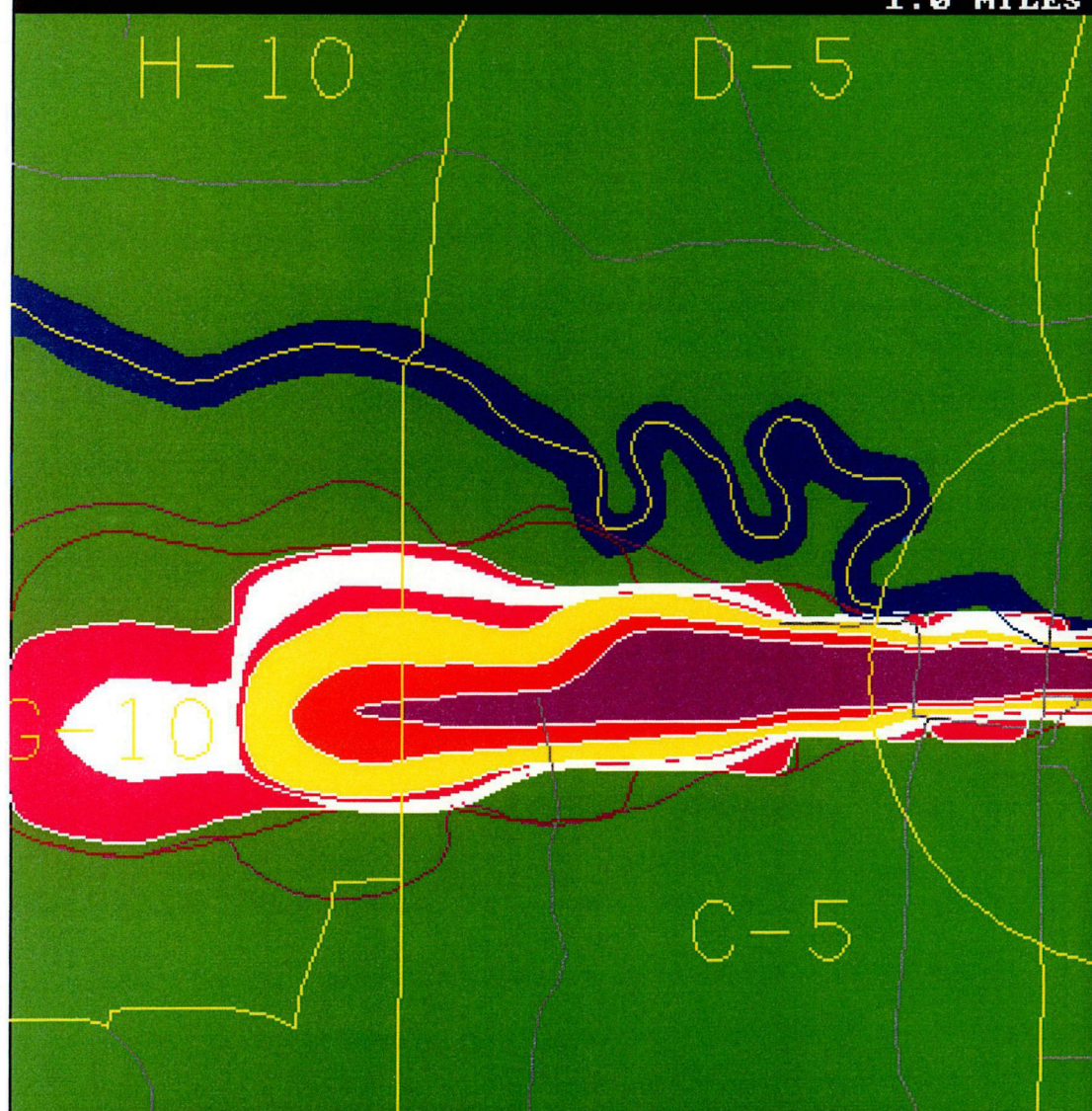
CUR REL RATE(CI/SEC): 2.6E+02

TOTAL CI: NG:1.2E+06, I:4.0E+03









P:6.6E+02

PEAK GAMMA (MREM/HR) : 7.1E+02

DIR(°): W DIST(MILES): 1.4



CONTOUR LEGEND
GAM RATE CLSD WIN FRISKER
(MR/HR) (MR/HR) (CPM)

1		1.0E+02	1.0E+02	3.6E+05
2		5.0E+01	5.0E+01	1.8E+05
3		1.0E+01	1.0E+01	3.6E+04
4		5.0E+00	5.0E+00	1.8E+04
5		1.0E+00	1.0E+00	3.6E+03
6		1.0E-01	1.0E-01	3.6E+02
7		1.0E-02	1.0E-02	3.6E+01
8		1.0E-03	1.0E-03	3.6E+00

POINT
OF
INTEREST

MAP
FEATURES

SELECT
AREA

RESTORE

CONTINUE

SITE: PLANT HATCH

TITLE: FIELD MONITOR THYROID DOSE RATE
PERIOD: 0.25 HOUR PROJECTION

SCALE: 1.0 MILES

MENU B

MODEL: PROJECTED-PLUME SEGMENT

CURRENT TIME: 08/20/03 12:20

RUN TIME: 08/20/03 12:16

MET: FROM SCENARIO 10

CUR MET: WS= 6MPH, WD= 91, ST=D

END DATE OF 15 MINUTE RATE

COMPUTATION: 08/20/03 12:23

START RELEASE: 08/20/03 07:23

END RELEASE: 08/20/03 12:23

RELEASE: MONITOR VALUES FROM

SCENARIO 10 - ACCIDENT TYPE 03

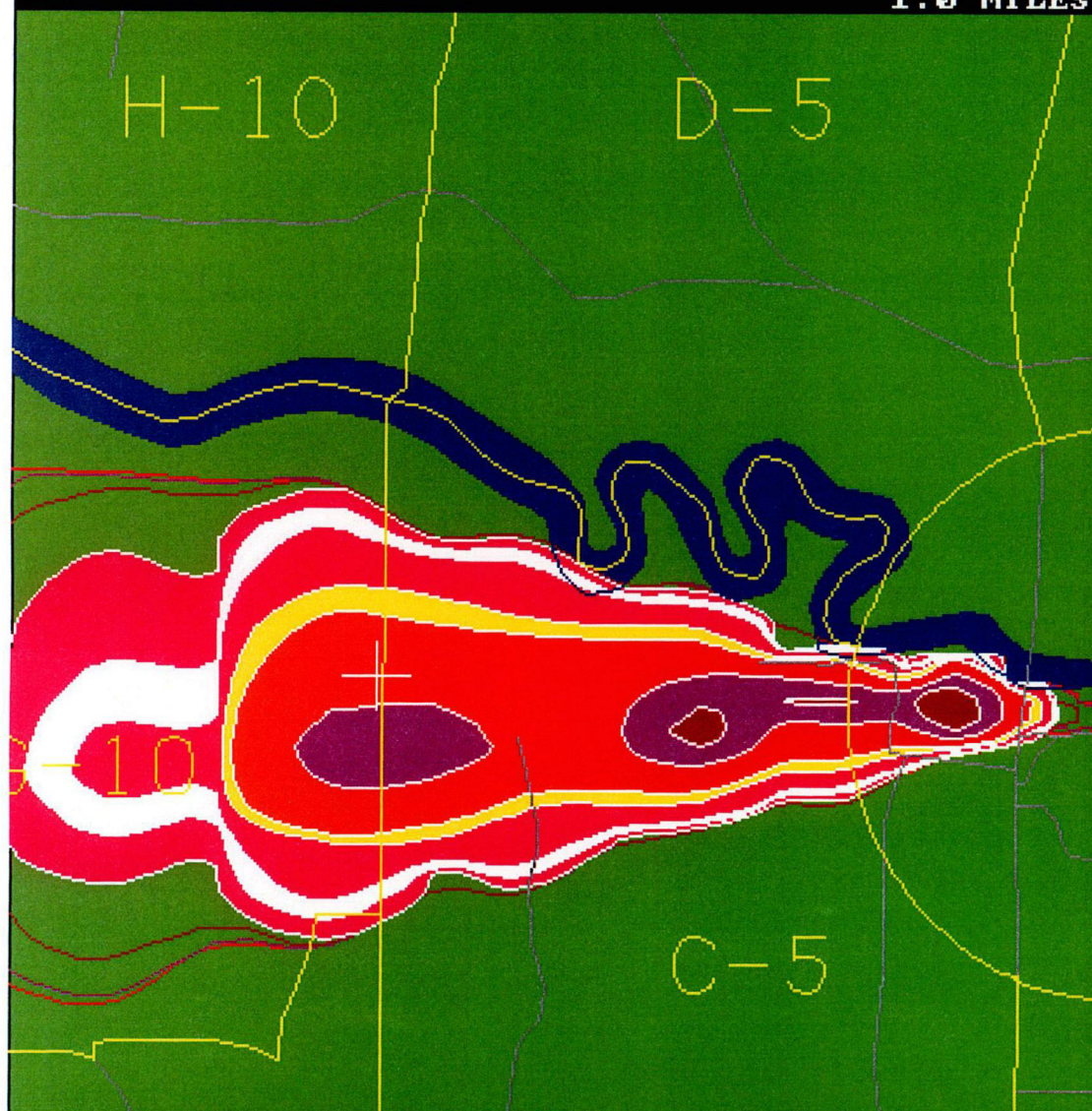
CUR REL RATE(CI/SEC): 2.6E+02

TOTAL CI: NG:1.2E+06, I:4.0E+03

P:6.6E+02

PEAK FM TH (MREM/HR) : 2.2E+03

DIR(TO): W DIST(MILES): 1.4



CONTOUR LEGEND
THY RATE (MR/HR) CARTRIDGE (CPM) FILTER (CPM)

1	1.0E+03	2.4E+03	8.5E+01
2	5.0E+02	1.2E+03	4.3E+01
3	1.0E+02	2.4E+02	8.5E+00
4	5.0E+01	1.2E+02	4.3E+00
5	1.0E+01	2.4E+01	8.5E-01
6	5.0E+00	1.2E+01	4.3E-01
7	1.0E+00	2.4E+00	8.5E-02
8	1.0E-01	2.4E-01	8.5E-03
9	1.0E-02	2.4E-02	8.5E-04
10	1.0E-03	2.4E-03	8.5E-05

POINT
OF
INTEREST

MAP
FEATURES

SELECT
AREA

RESTORE

CONTINUE

SITE: PLANT HATCH

TITLE: GROUND CONTAMINATION

PERIOD: 0.25 HOUR PROJECTION

SCALE: 1.0 MILES

MENU B ISOTOPE: I-131
 MODEL: PROJECTED-PLUME SEGMENT
 CURRENT TIME: 08/20/03 12:21
 RUN TIME: 08/20/03 12:16
 MET: FROM SCENARIO 10
 CUR MET: WS= 6MPH, WD= 91, ST=D
 START OF INTEG: 08/20/03 12:08
 END OF INTEG: 08/20/03 12:23
 START RELEASE: 08/20/03 07:23
 END RELEASE: 08/20/03 12:23
 RELEASE: MONITOR VALUES FROM
 SCENARIO 10 - ACCIDENT TYPE 03
 CUR REL RATE(CI/SEC): 2.6E+02
 TOTAL CI: NG:1.2E+06, I:4.0E+03
 P:6.6E+02

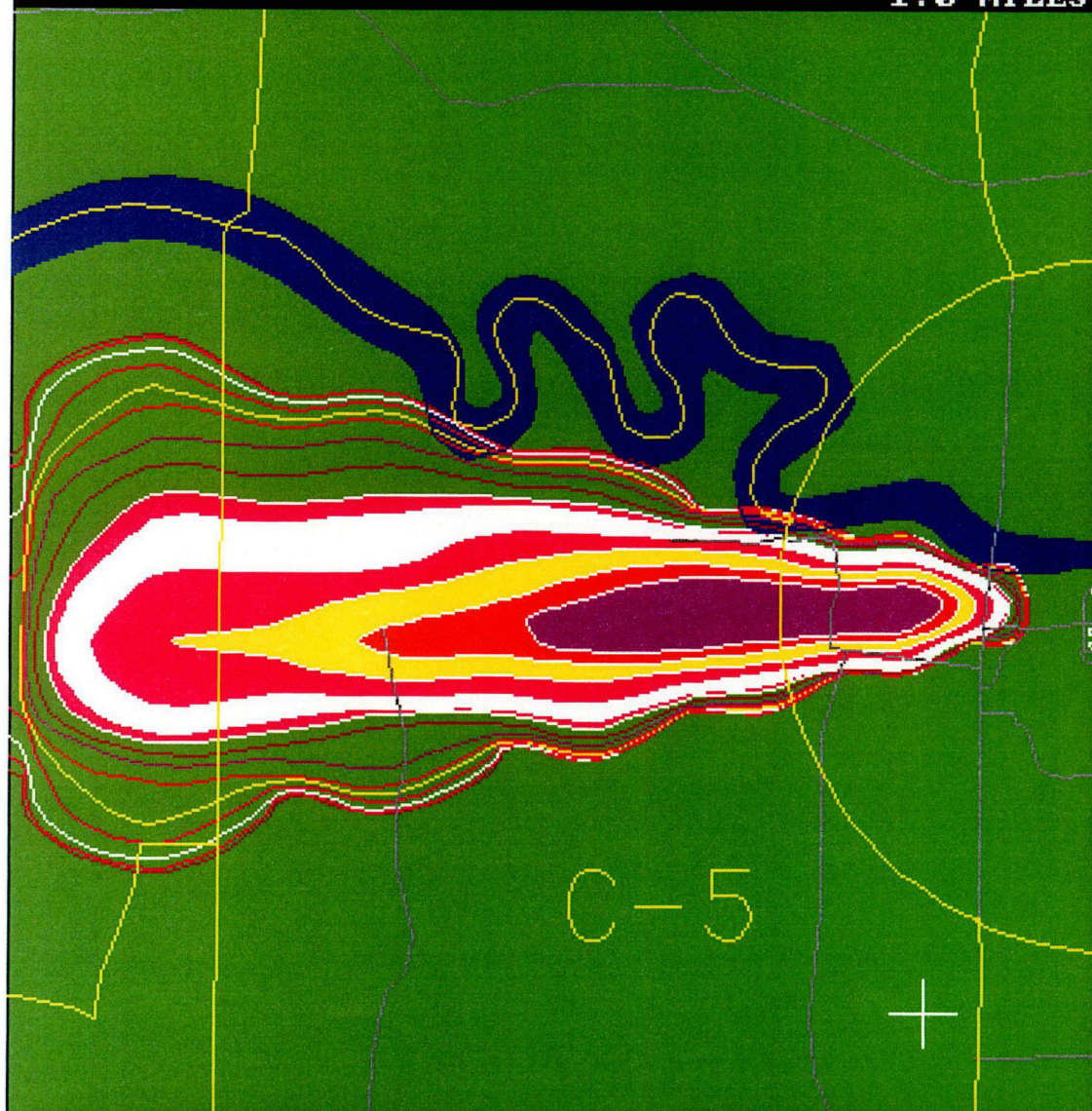
PEAK CONC. (UCI/M**2): 1.9E+01
 DIR(TO): W DIST(MILES): 1.4

CONTOUR CONCENTRATION
 LEGEND (UCI/M2)

1		1.0E+01+
2		7.0E+00-1.0E+01
3		4.0E+00-7.0E+00
4		2.0E+00-4.0E+00
5		1.0E+00-2.0E+00
6		7.0E-01-1.0E+00
7		4.0E-01-7.0E-01
8		2.0E-01-4.0E-01
9		1.0E-01-2.0E-01
10		7.0E-02-1.0E-01
11		4.0E-02-7.0E-02
12		2.0E-02-4.0E-02
13		1.0E-02-2.0E-02
14		7.0E-03-1.0E-02

EXCEEDS
 1.3E+00
 UCI/M2

NOT
 EXCEEDED



POINT
 OF
 INTEREST

MAP
 FEATURES

SELECT
 AREA

RESTORE

CONTINUE

12:45 PM
Field
Monitoring
Data

SITE: PLANT HATCH

TITLE: FIELD MONITOR GAMMA + BETA DOSE RATE

PERIOD: 0.25 HOUR PROJECTION

SCALE: 1.0 MILES

MENU B

MODEL: PROJECTED-PLUME SEGMENT

CURRENT TIME: 08/20/03 12:33

RUN TIME: 08/20/03 12:30

MET: FROM SCENARIO 10

CUR MET: WS= 6MPH, WD= 92, ST=D

END DATE OF 15 MINUTE RATE

COMPUTATION: 08/20/03 12:38

START RELEASE: 08/20/03 07:23

END RELEASE: 08/20/03 12:38

RELEASE: MONITOR VALUES FROM

SCENARIO 10 - ACCIDENT TYPE 03

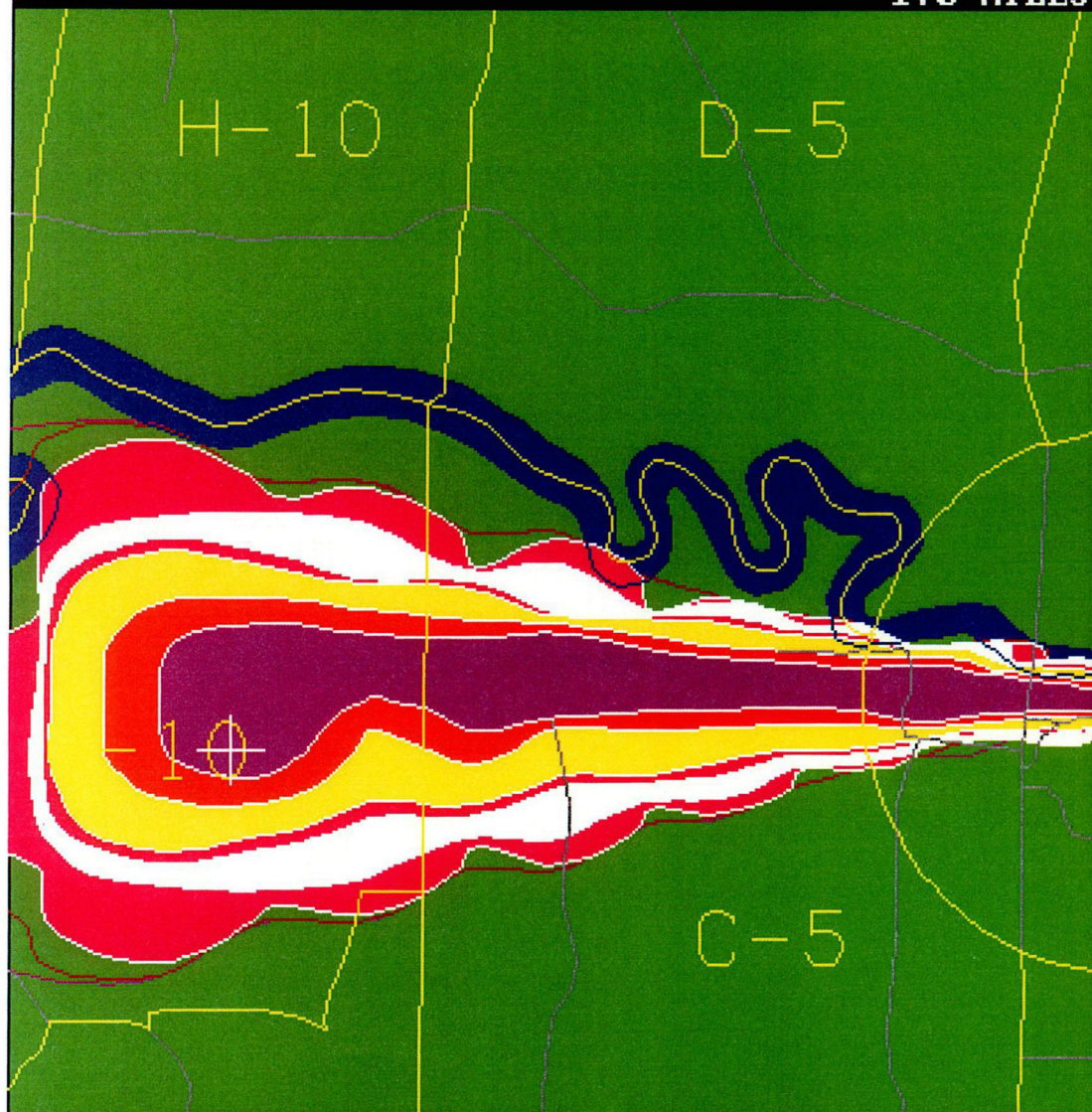
CUR REL RATE(CI/SEC): 1.9E+02

TOTAL CI: NG:1.4E+06, I:4.6E+03

P:7.5E+02

PEAK GAM&B (MREM/HR) : 4.7E+02

DIR(TO): W DIST(MILES): 1.6



CONTOUR LEGEND
GAM+BETA OPEN WIN FRISKER
(MR/HR) (MR/HR) (CPM)

1		1.0E+02	1.0E+02	3.6E+05
2		5.0E+01	5.0E+01	1.8E+05
3		1.0E+01	1.0E+01	3.6E+04
4		5.0E+00	5.0E+00	1.8E+04
5		1.0E+00	1.0E+00	3.6E+03
6		1.0E-01	1.0E-01	3.6E+02
7		1.0E-02	1.0E-02	3.6E+01
8		1.0E-03	1.0E-03	3.6E+00

POINT
OF
INTEREST

MAP
FEATURES

SELECT
AREA

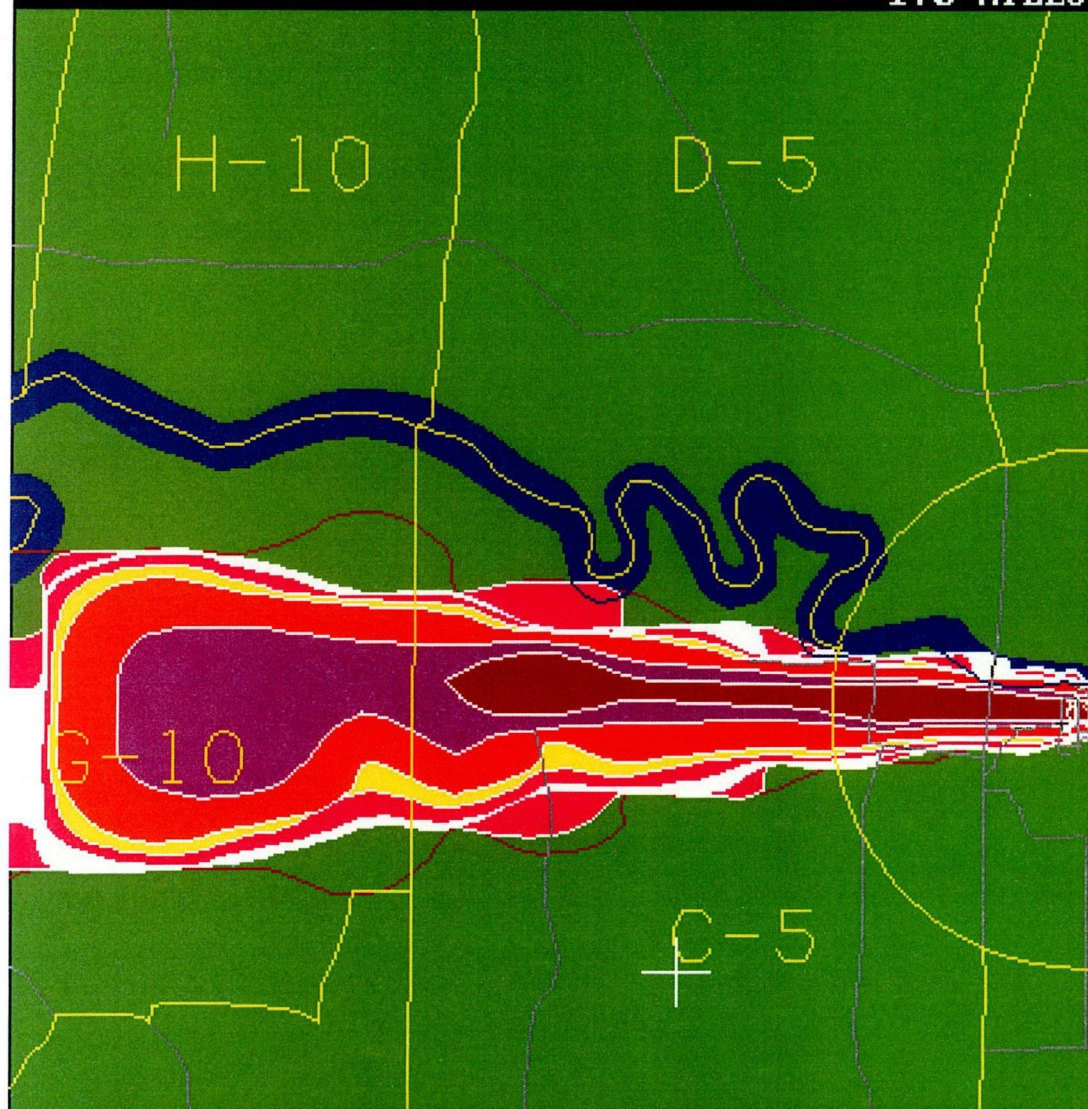
RESTORE

CONTINUE

SITE: PLANT HATCH

TITLE: FIELD MONITOR GAMMA DOSE RATE
PERIOD: 0.25 HOUR PROJECTION

SCALE: 1.0 MILES



MENU B

MODEL: PROJECTED-PLUME SEGMENT

CURRENT TIME: 08/20/03 12:38

RUN TIME: 08/20/03 12:30

MET: FROM SCENARIO 10

CUR MET: WS= 6MPH, WD= 92, ST=D

END DATE OF 15 MINUTE RATE

COMPUTATION: 08/20/03 12:38

START RELEASE: 08/20/03 07:23

END RELEASE: 08/20/03 12:38

RELEASE: MONITOR VALUES FROM

SCENARIO 10 - ACCIDENT TYPE 03

CUR REL RATE(CI/SEC): 1.9E+02

TOTAL CI: NG:1.4E+06, I:4.6E+03

P:7.5E+02

PEAK GAMMA (MREM/HR) : 3.5E+02

DIR(TO): W DIST(MILES): 1.6

CONTOUR LEGEND

GAM RATE (MR/HR)	CLSD WIN (MR/HR)	FRISKER (CPM)
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1	1.0E+02	1.0E+02	3.6E+05
2	5.0E+01	5.0E+01	1.8E+05
3	1.0E+01	1.0E+01	3.6E+04
4	5.0E+00	5.0E+00	1.8E+04
5	1.0E+00	1.0E+00	3.6E+03
6	1.0E-01	1.0E-01	3.6E+02
7	1.0E-02	1.0E-02	3.6E+01
8	1.0E-03	1.0E-03	3.6E+00

POINT
OF
INTEREST

MAP
FEATURES

SELECT
AREA

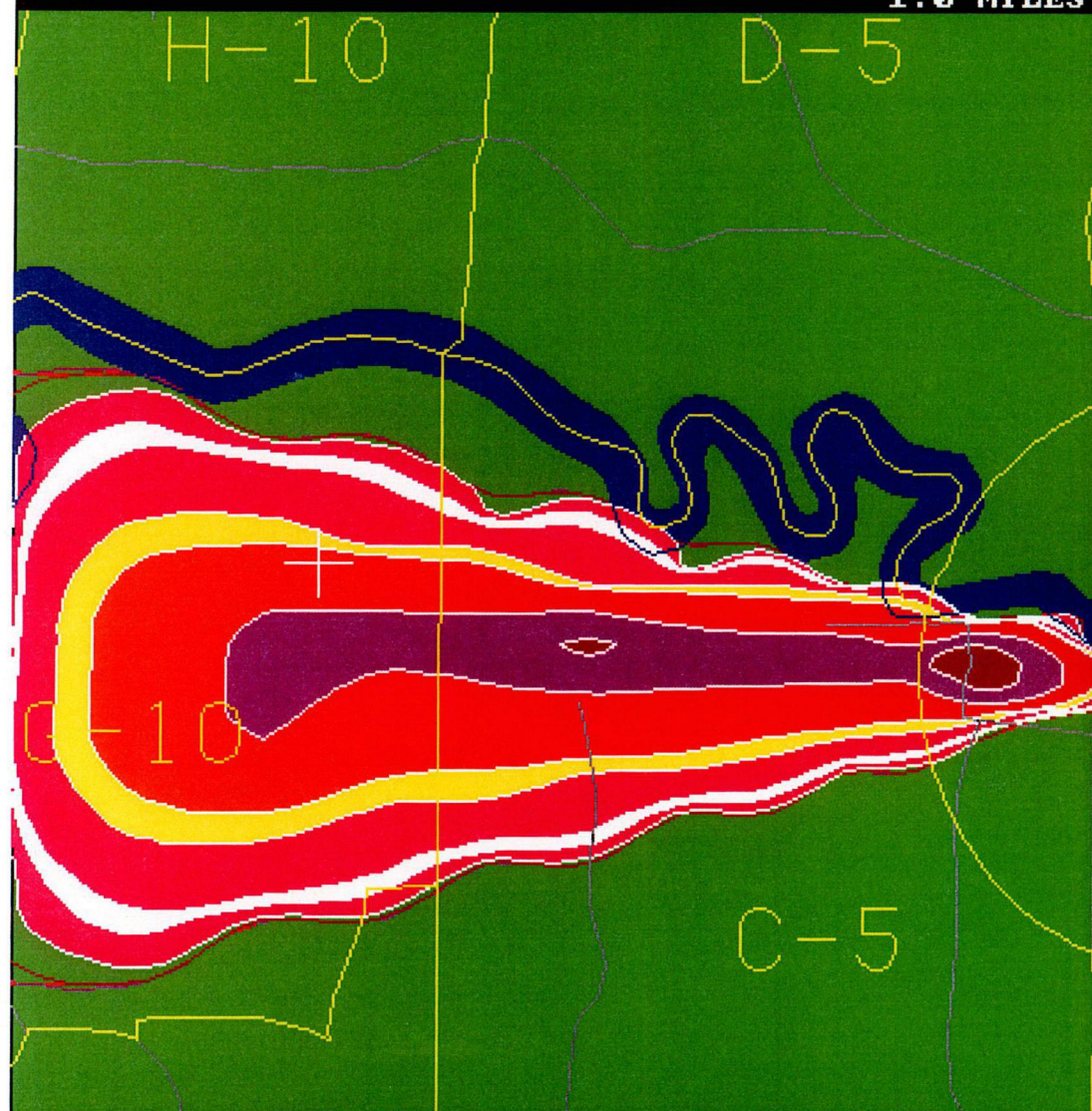
RESTORE

CONTINUE

SITE: PLANT HATCH

TITLE: FIELD MONITOR THYROID DOSE RATE
PERIOD: 0.25 HOUR PROJECTION

SCALE: 1.0 MILES



MENU B

MODEL: PROJECTED-PLUME SEGMENT

CURRENT TIME: 08/20/03 12:34

RUN TIME: 08/20/03 12:30

MET: FROM SCENARIO 10

CUR MET: WS= 6MPH, WD= 92, ST=D

END DATE OF 15 MINUTE RATE

COMPUTATION: 08/20/03 12:38

START RELEASE: 08/20/03 07:23

END RELEASE: 08/20/03 12:38

RELEASE: MONITOR VALUES FROM

SCENARIO 10 - ACCIDENT TYPE 03

CUR REL RATE(CI/SEC): 1.9E+02

TOTAL CI: NG:1.4E+06, I:4.6E+03

P:7.5E+02

PEAK FM TH (MREM/HR) : 1.5E+03

DIR(TO): W DIST(MILES): 1.6

CONTOUR LEGEND

	THY RATE (MR/HR)	CARTIDGE (CPM)	FILTER (CPM)
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1	1.0E+03	2.4E+03	8.5E+01
2	5.0E+02	1.2E+03	4.3E+01
3	1.0E+02	2.4E+02	8.5E+00
4	5.0E+01	1.2E+02	4.3E+00
5	1.0E+01	2.4E+01	8.5E-01
6	5.0E+00	1.2E+01	4.3E-01
7	1.0E+00	2.4E+00	8.5E-02
8	1.0E-01	2.4E-01	8.5E-03
9	1.0E-02	2.4E-02	8.5E-04
10	1.0E-03	2.4E-03	8.5E-05

POINT
OF
INTEREST

MAP
FEATURES

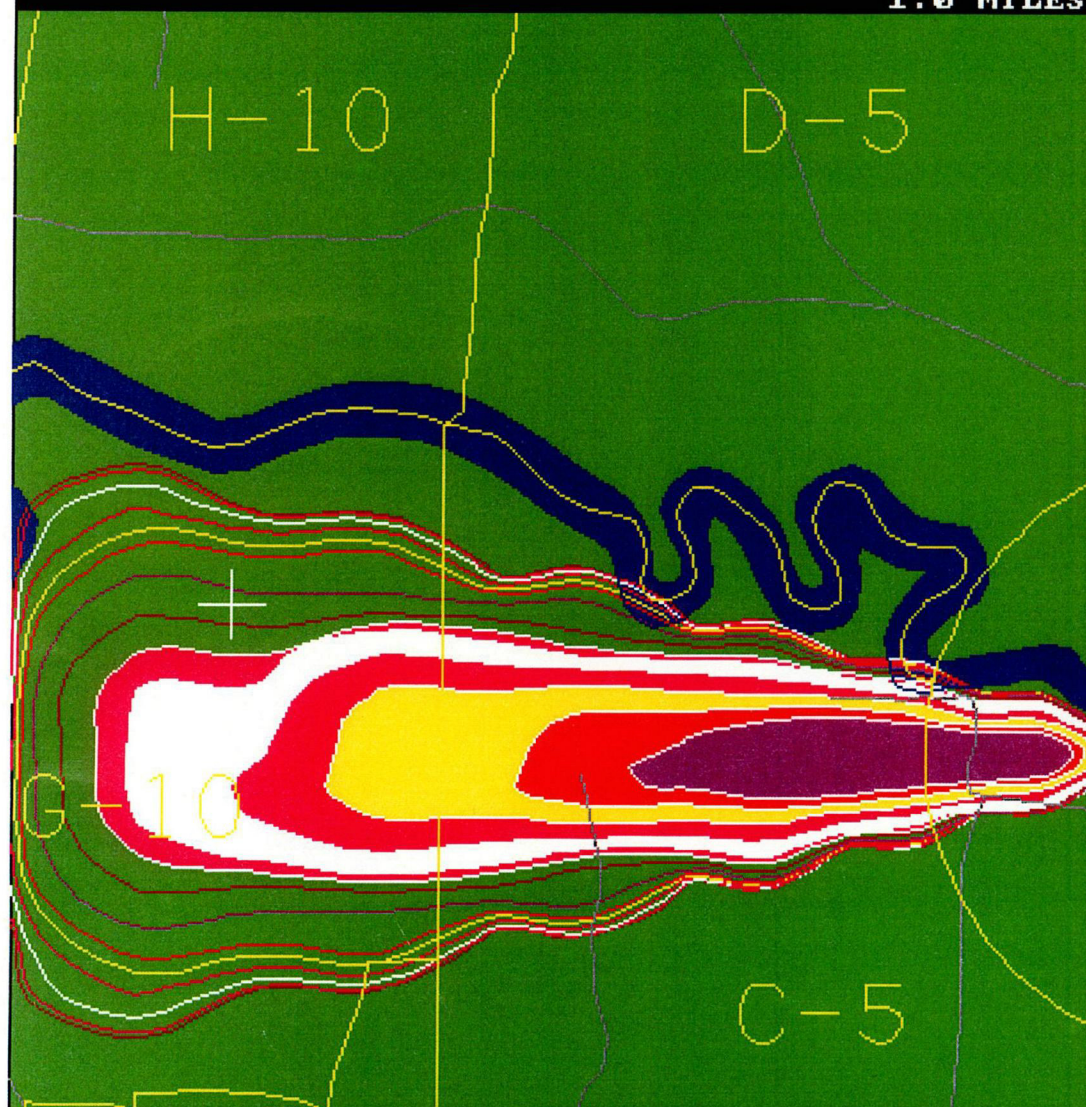
SELECT
AREA

RESTORE

CONTINUE

SITE: PLANT HATCH
 TITLE: GROUND CONTAMINATION
 PERIOD: 0.25 HOUR PROJECTION

SCALE: 1.0 MILES



MENU B ISOTOPE: I-131
 MODEL: PROJECTED-PLUME SEGMENT
 CURRENT TIME: 08/20/03 12:38
 RUN TIME: 08/20/03 12:30
 MET: FROM SCENARIO 10
 CUR MET: WS= 6MPH, WD= 92, ST=D
 START OF INTEG: 08/20/03 12:23
 END OF INTEG: 08/20/03 12:38
 START RELEASE: 08/20/03 07:23
 END RELEASE: 08/20/03 12:38
 RELEASE: MONITOR VALUES FROM
 SCENARIO 10 - ACCIDENT TYPE 03
 CUR REL RATE(CI/SEC): 1.9E+02
 TOTAL CI: NG:1.4E+06, I:4.6E+03
 P:7.5E+02

PEAK CONC. (UCI/M**2): 2.1E+01
 DIR(TO): W DIST(MILES): 1.4

CONTOUR LEGEND		CONCENTRATION (UCI/M2)	EXCEEDS 1.3E+00 UCI/M2
1		1.0E+01+	
2		7.0E+00-1.0E+01	
3		4.0E+00-7.0E+00	
4		2.0E+00-4.0E+00	
5		1.0E+00-2.0E+00	
6		7.0E-01-1.0E+00	NOT EXCEEDED
7		4.0E-01-7.0E-01	
8		2.0E-01-4.0E-01	↓
9		1.0E-01-2.0E-01	
10		7.0E-02-1.0E-01	
11		4.0E-02-7.0E-02	
12		2.0E-02-4.0E-02	
13		1.0E-02-2.0E-02	
14		7.0E-03-1.0E-02	

POINT
OF
INTEREST

MAP
FEATURES

SELECT
AREA

RESTORE

CONTINUE