

DCS

JUL 31 1991

Federal Emergency Management Agency, Region I
ATTN: Mr. Richard Strome, Director
J. W. McCormack Post Office and
Courthouse Building
Boston, Massachusetts 02109

Dear Mr. Strome:

The attached information is from the Pilgrim Citizens Radiological Monitoring Network. Also, included are area maps and a New Product Announcement letter. We will continue to periodically provide updates of these reports to you for your information.

Should you have any questions concerning the above, please contact me and I will be happy to address them.

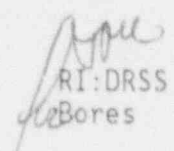
Sincerely,

Original Signed By:
James J. Kottan

for Robert Bores, Chief
Effluents Radiation Protection Section
Facilities Radiological Safety and
Safeguards Branch
Division of Radiation Safety and
Safeguards

Enclosures:

- 1. Pilgrim Report Dates
 - February 1991
 - March 1991
 - May 1991
 - June 1991
- 2. Area Maps
- 3. New Product Announcement letter

RI:DRSS	
Peluso/ss	RI:DRSS
<i>Peluso</i>	Bores
07/30/91	07/31/91

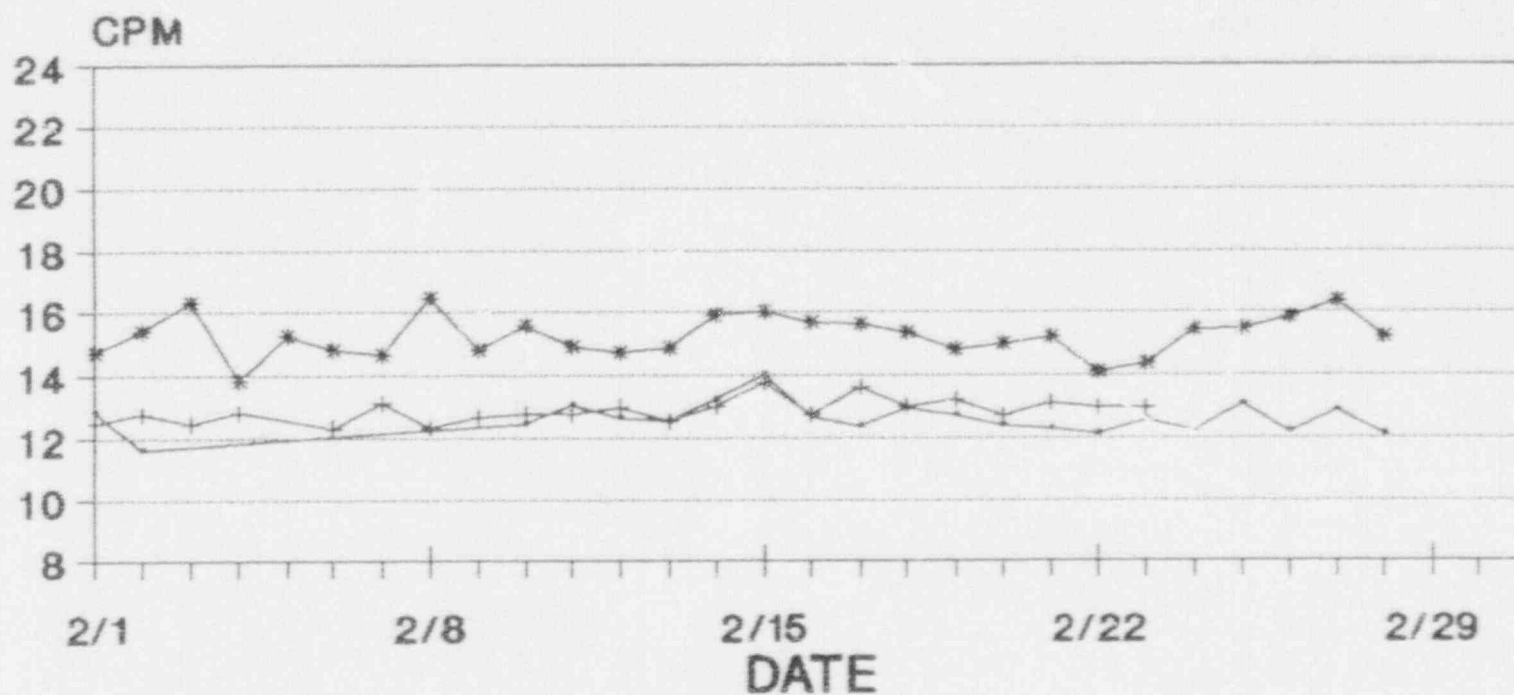
OFFICIAL RECORD COPY

HAMMONS FORM 1 - 0002.0.0
07/30/91

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PDR ADOCK 05000293
R PDR

JE25 1/1

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - FEBRUARY 1991



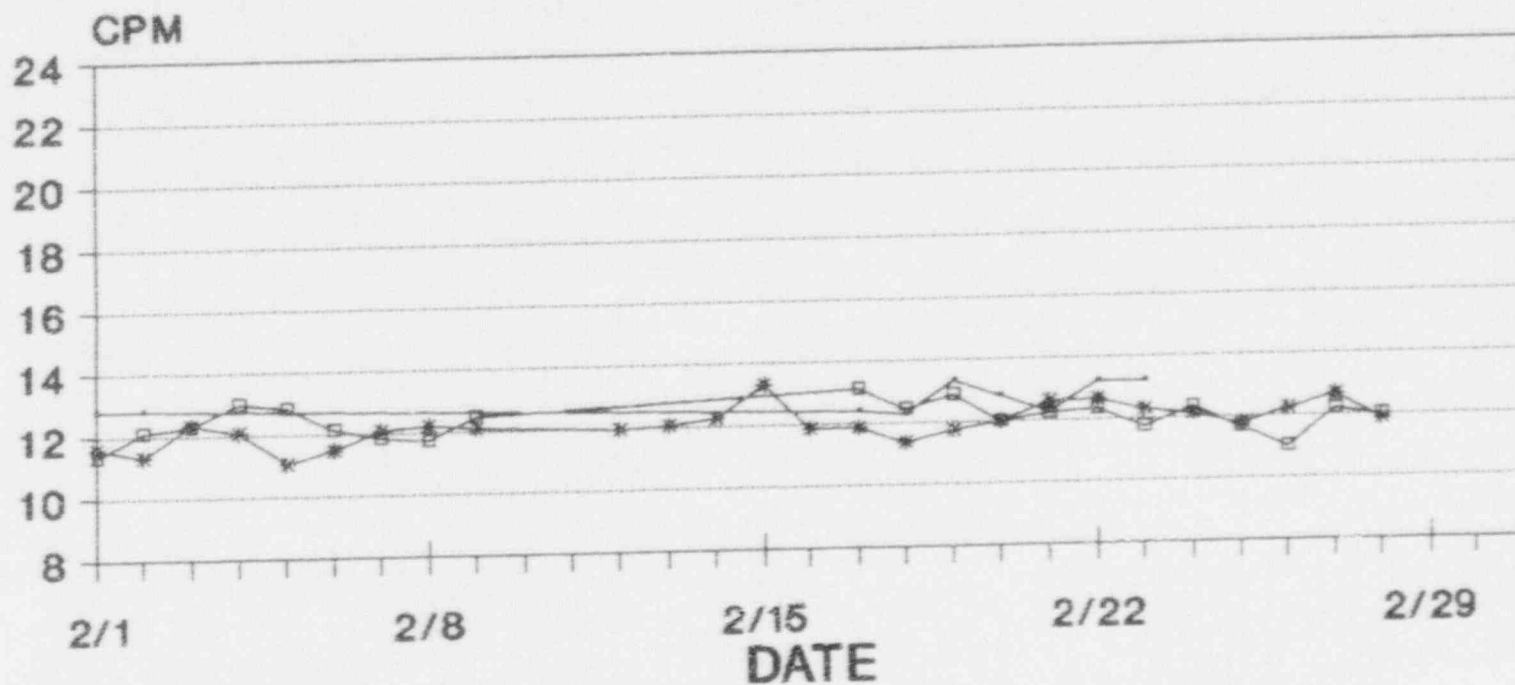
MONITORING STATIONS

—▲— #1 —+— #3 —*— #5

NOTE: VALUES ARE DAILY MAXIMUM READING

03-14-91 SHT 1

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - FEBRUARY 1991



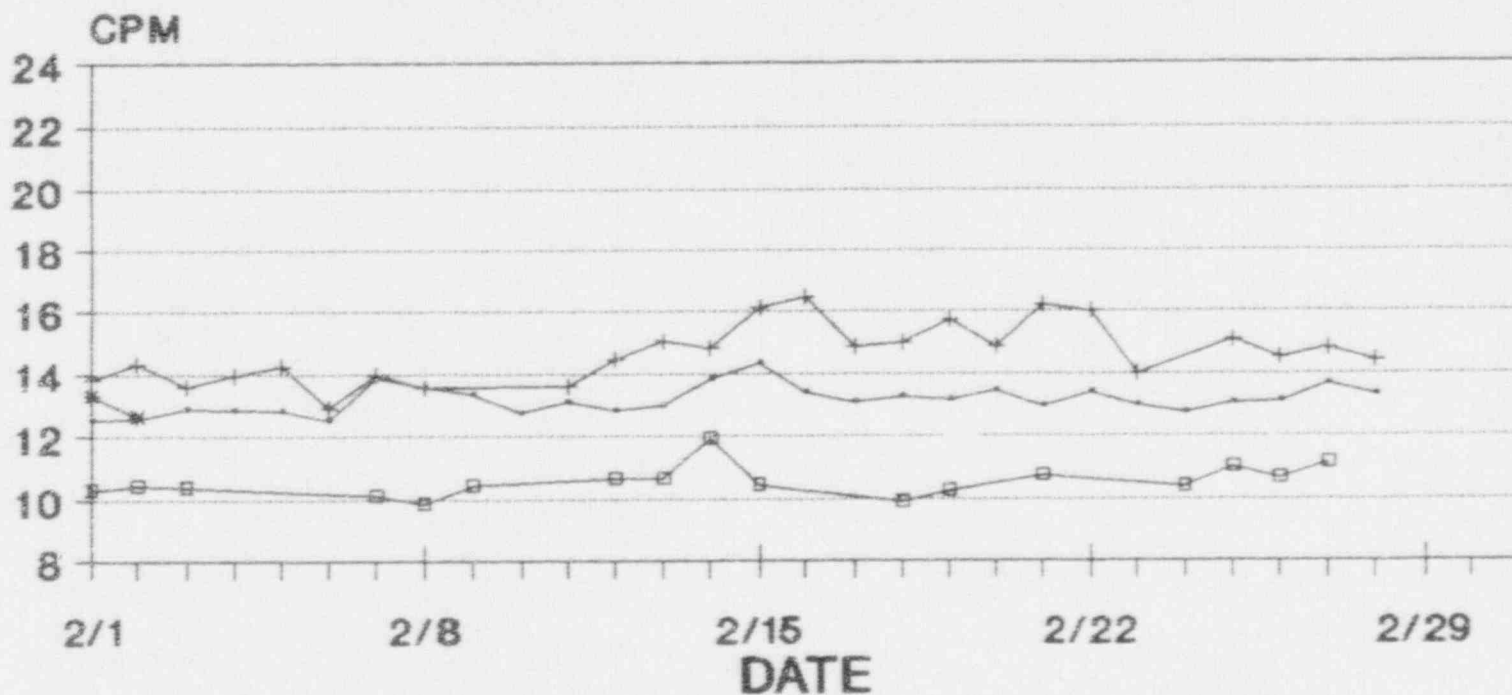
MONITORING STATIONS

—●— #10 —*— #12 —□— #13

NOTE: VALUES ARE DAILY MAXIMUM READING

03-14-91 SHT 2

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - FEBRUARY 1991



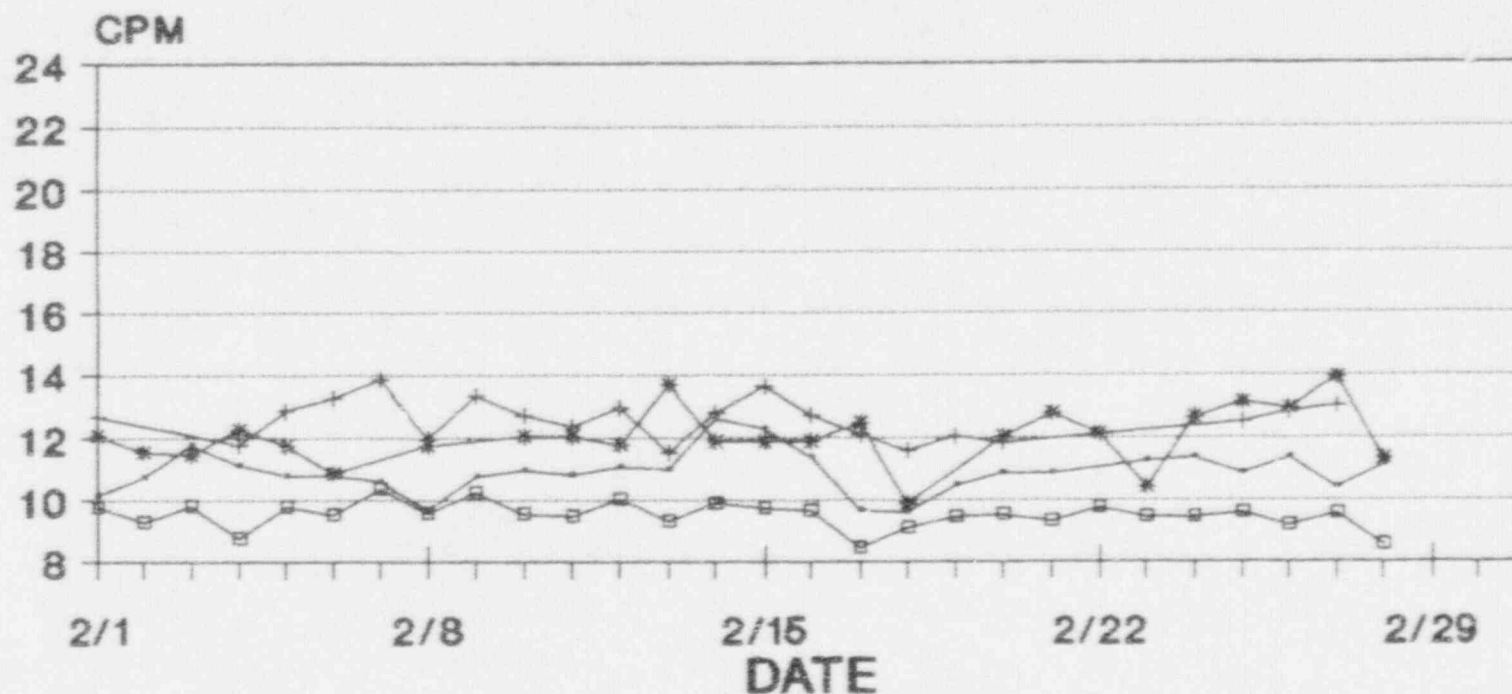
MONITORING STATIONS

—×— #14
—+— #16
—*— #19A
—□— #20

NOTE: VALUES ARE DAILY MAXIMUM READING

03-14-91 SHT 3

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - FEBRUARY 1991



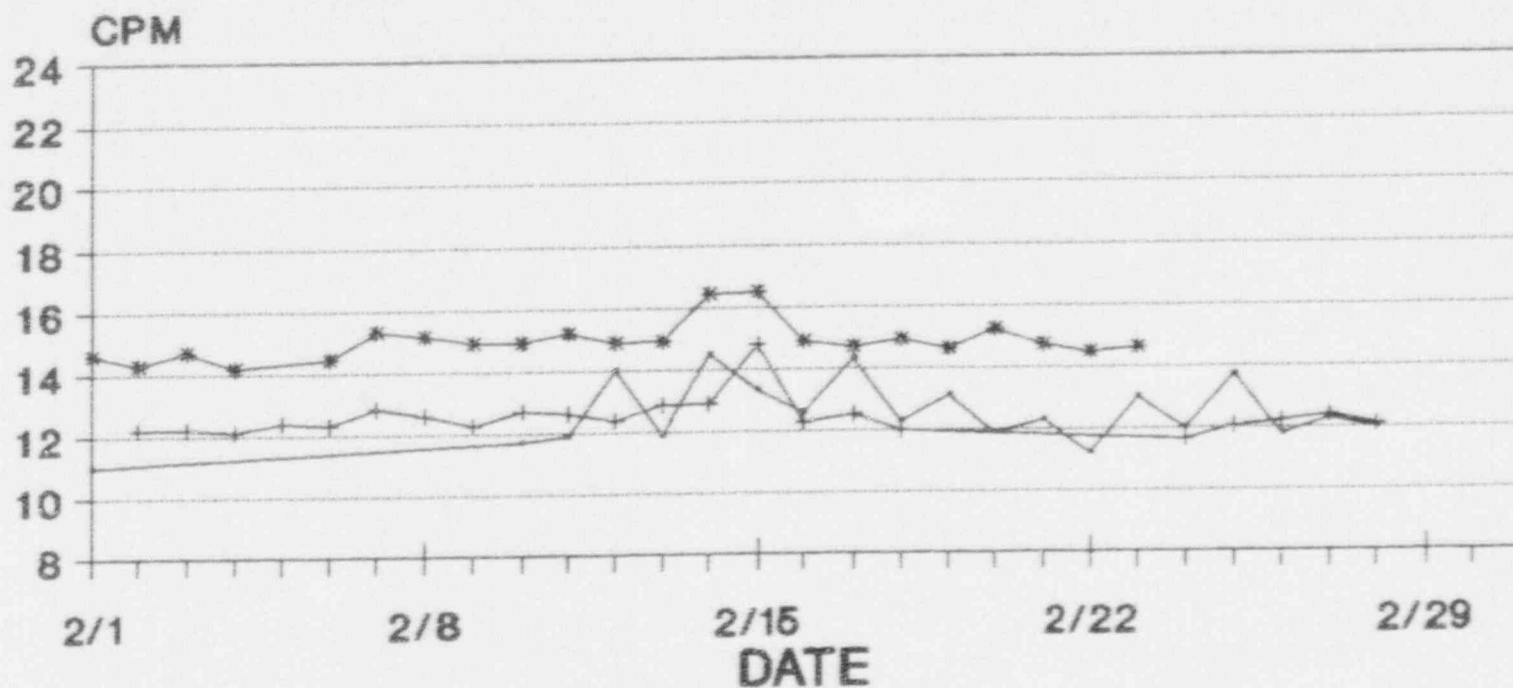
MONITORING STATIONS

— #21 —+— #22 —*— #26 —□— #27

NOTE: VALUES ARE DAILY MAXIMUM READING

03-14-91 SHT 4

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - FEBRUARY 1991



MONITORING STATIONS

—+— #28 —+— #31 —*— #34

NOTE: VALUES ARE DAILY MAXIMUM READING

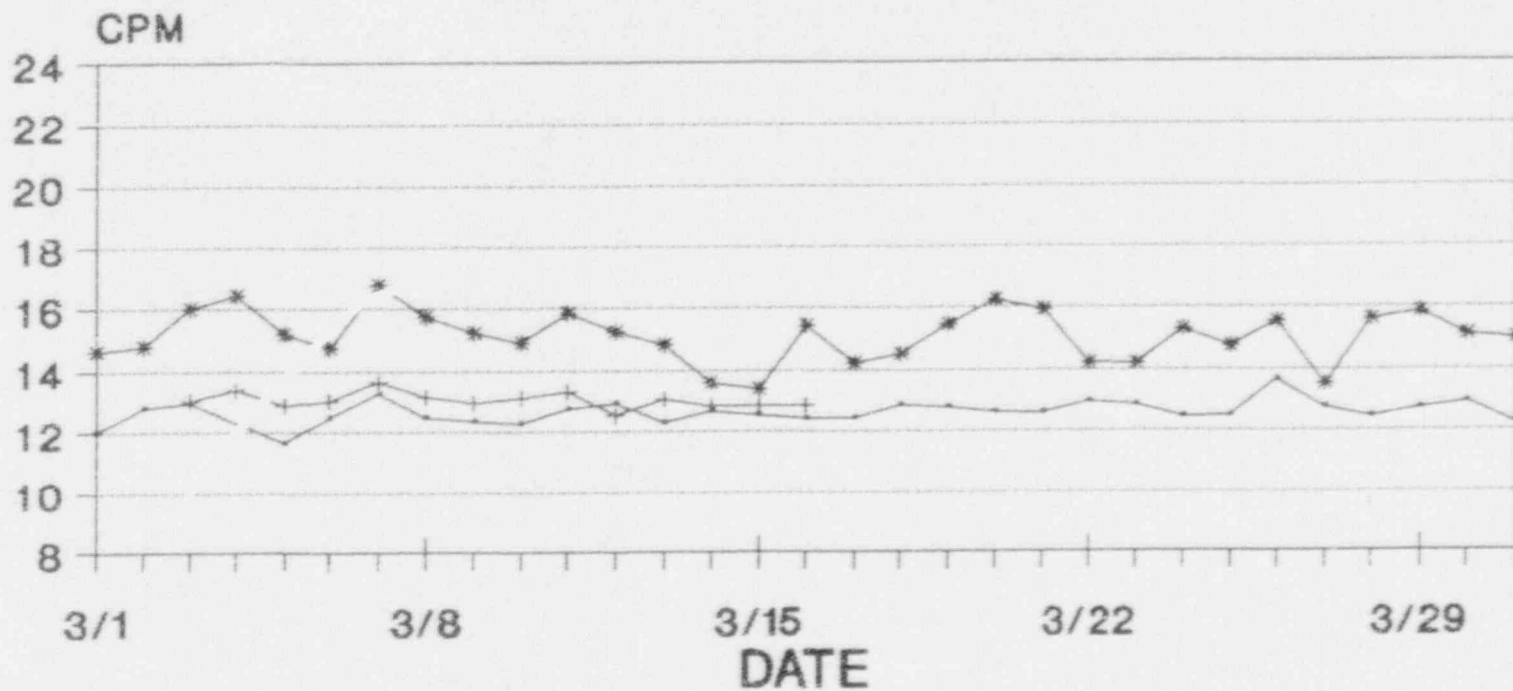
03-14-91 SHT 5

STA. #31
FEBRUARY 1991

WEATHER RPT. (N.A.S. SO. WEYMOUTH, MASS.)

TE		TEMP. STATUS	WIND CHILL	HUMIDITY	DEW POINT	BAROMETRIC PRESSURE	WIND SPEED DIRECTION	TIME
1	P. CLOUDY	20°	2°	46%	5°	30.35 IN	W-10	7:52 AM
2	P. CLOUDY	22°	2°	48%	9°	30.57 IN	SW-3	7:58 AM
3	CLEAR	47°	36°	53%	31°	30.09 IN	SW-10	11:35 PM
4	P. CLOUDY	39°	39°	55%	25°	30.15 IN	CALM	11:22 PM
5	CLOUDY	37°	37°	54%	22°	30.12 IN	CALM	7:57 AM
	P. CLOUDY	39°	35°	81%	34°	30.31 IN	NE 6	8:12 AM
	CLOUDY	39°	37°	84%	35°	30.03 IN	N-5	8:26 AM
7	P. CLOUDY	40°	27°	68%	31°	29.97 IN	NW-10	12:18 AM
8	CLOUDY	39°	28°	64%	29°	29.74 IN	W-9	10:25 AM
1	M. CLOUDY	17°	3°	60%	8°	29.83 IN	NW 8	11:54 PM
2	P. CLOUDY	17°	17°	43%	-1°	29.96 IN	W-3	11:56 PM
3	L. SNOW	33°	28°	76%	27°	29.71 IN	E-6	11:50 PM
4	L. RAIN	39°	23°	87%	36°	29.34 IN	SE-13	8:14 AM
5	CLOUDY	23°	4°	72%	17°	29.34 IN	W-12	12:36 AM
6	CLEAR	12°	10°	39%	-9°	30.01 IN	NW 5	11:57 PM
7	CLEAR	27°	27°	45%	11°	30.26 IN	CALM	11:33 PM
8	LT. SNOW	31°	31°	86%	28°	—	SE-3	11:30 PM
9	CLEAR	36°	29°	63%	25°	29.96 IN	W-7	11:25 PM
1	M. CLOUDY	36°	36°	81%	31°	29.94 IN	SW-3	11:42 PM
2	CLEAR	35°	13°	48%	18°	29.81 IN	W-17	11:58 PM
3	P. CLOUDY	17°	-11°	30%	-9°	30.15 IN	NW-17	8:14 AM
4	CLOUDY	30°	31°	63%	20°	30.14 IN	S-2	11:51 PM
5	L. SNOW	34°	22°	79%	29°	30.01 IN	N-9	11:59 PM
6	L. SNOW	30°	25°	66%	20°	29.81 IN	NE 6	11:29 PM
7	P. CLOUDY	18°	16°	39%	-1°	30.87 IN	N 5	11:57 PM
8	CLOUDY	32°	32°	66%	22°	30.26 IN	SW-3	11:39 PM

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - MARCH 1991



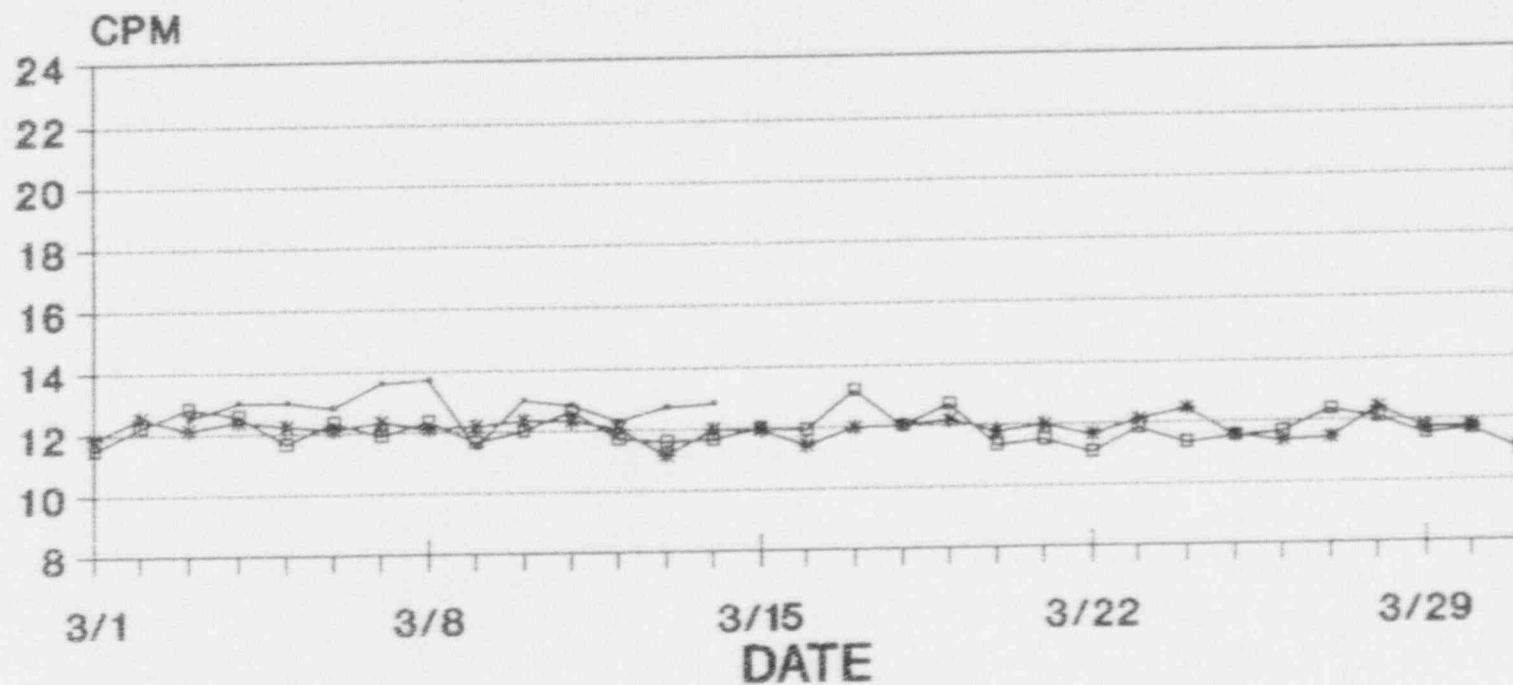
MONITORING STATIONS

—•— #1 —+— #3 —*— #5

NOTE: VALUES ARE DAILY MAXIMUM READING

04-22-91 SHT 1

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - MARCH 1991



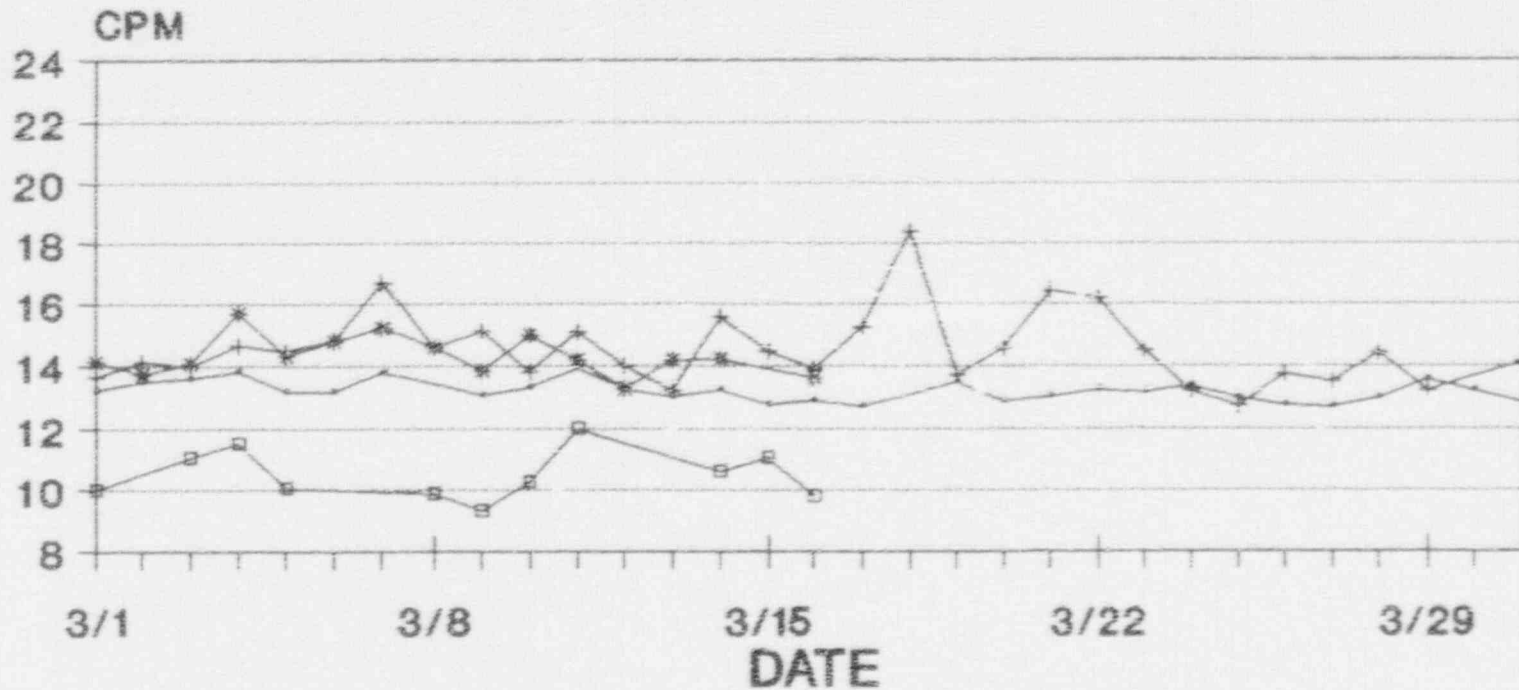
MONITORING STATIONS

—●— #10 —*— #12 —□— #13

NOTE: VALUES ARE DAILY MAXIMUM READING

04-22-91 SHT 2

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - MARCH 1991



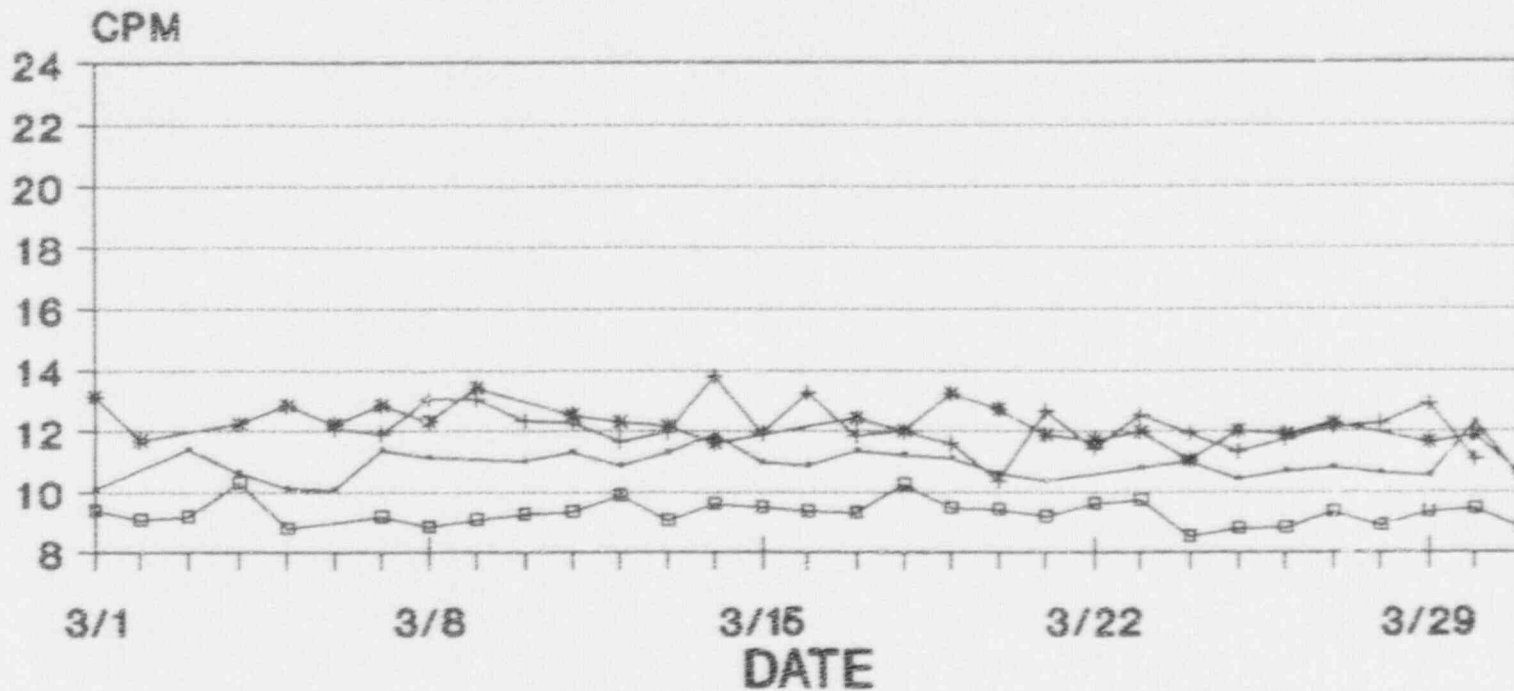
MONITORING STATIONS

— #14 —+— #16 —*— #19A —□— #20

NOTE: VALUES ARE DAILY MAXIMUM READING

04-22-91 SHT 3

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - MARCH 1991



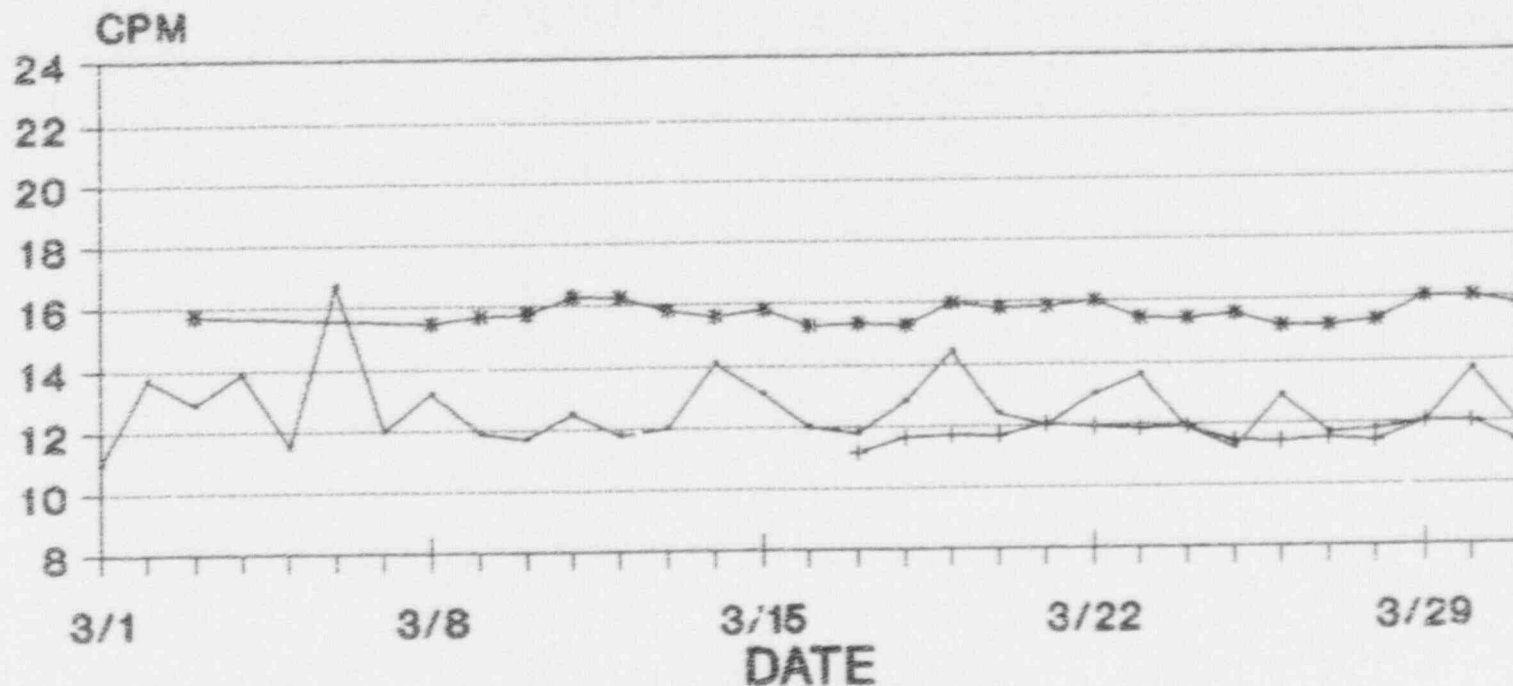
MONITORING STATIONS

—•— #21
—+— #22
—*— #26
—□— #27

NOTE: VALUES ARE DAILY MAXIMUM READING

04-22-91 SHT 4

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - MARCH 1991



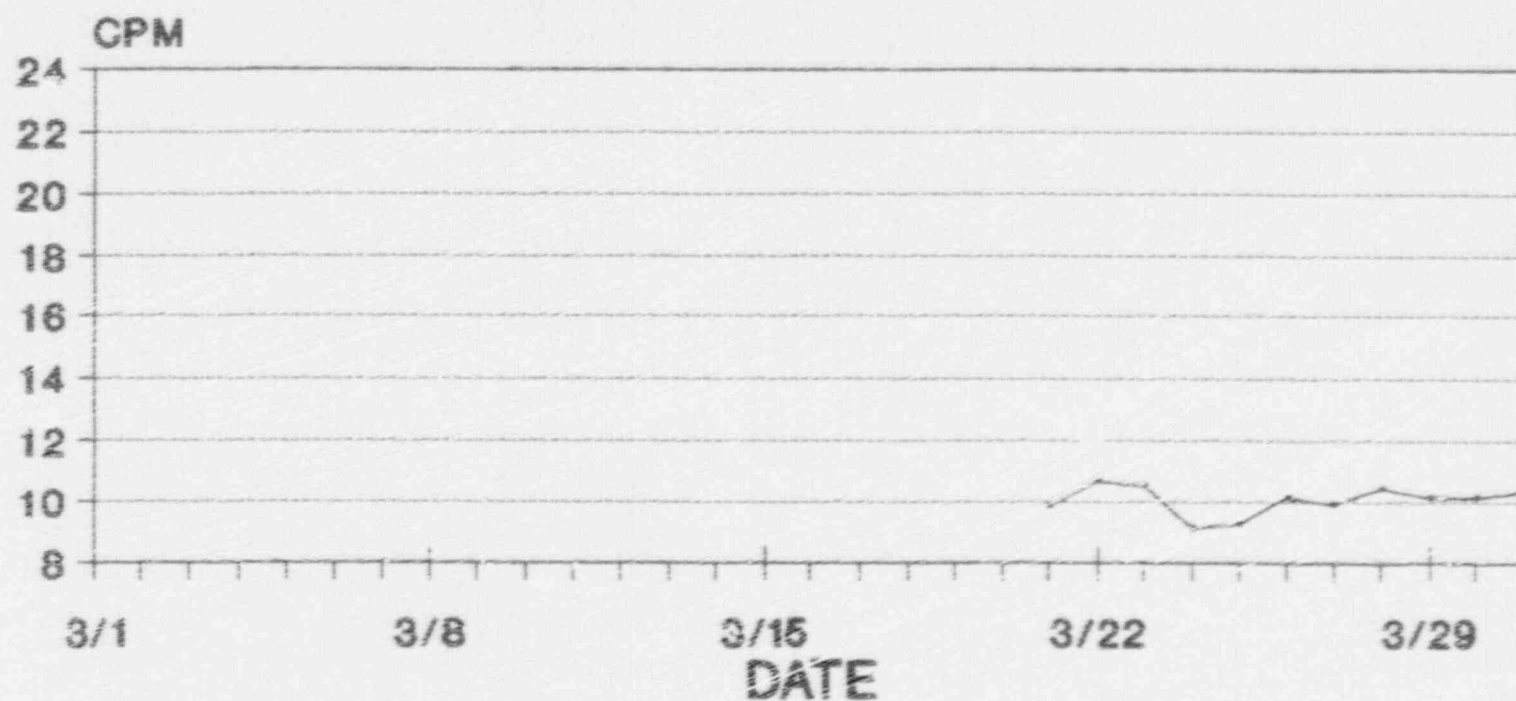
MONITORING STATIONS

—▲— #28 —+— #31 —*— #34

NOTE: VALUES ARE DAILY MAXIMUM READING

04-22-91 SHT 5

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - MARCH 1991



MONITORING STATIONS

— #38

NOTE: VALUES ARE DAILY MAXIMUM READING

04-22-91 SHT 6

MAR. 1991
STA. #31

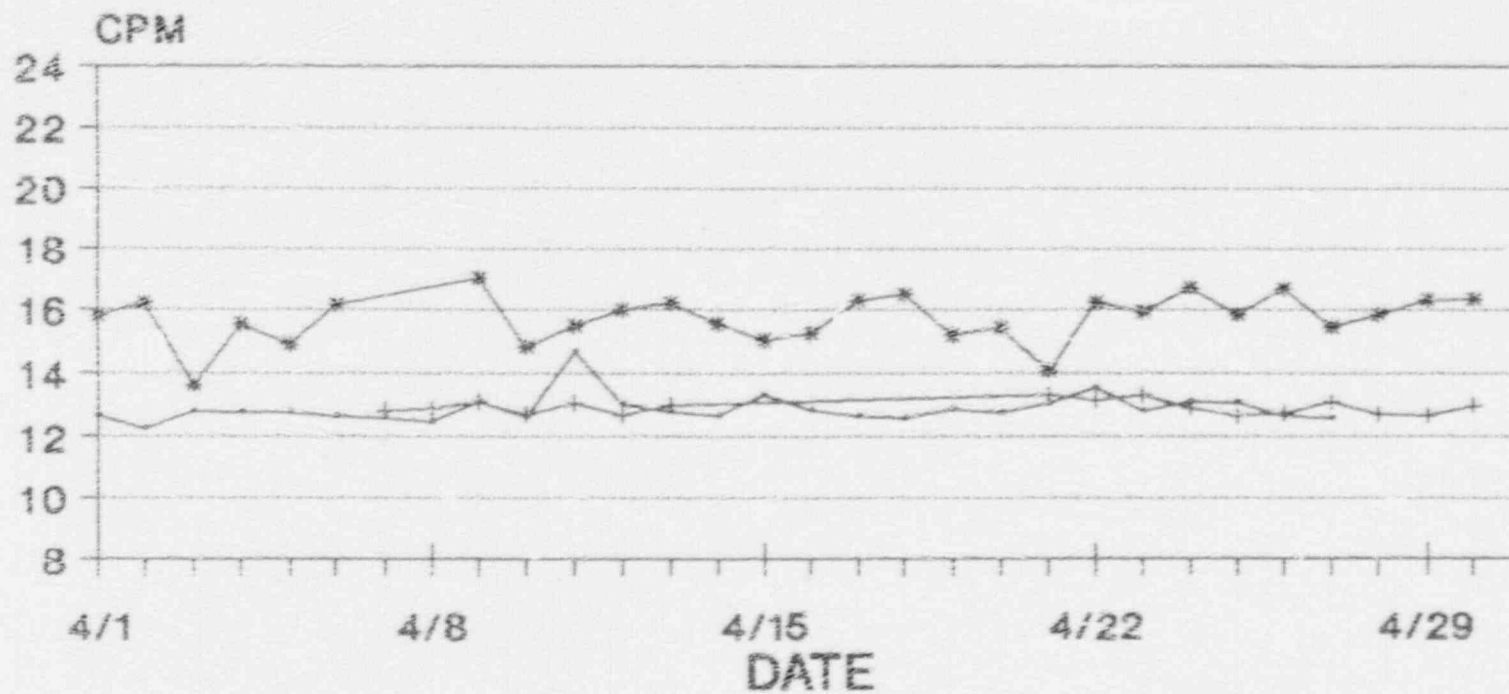
WEATHER RPT. (N.A.S. 50. WEYMOUTH, MASS.)

ATE		TEMP- GRATURE	WIND CHILL	HUMIDITY	DEW POINT	BAROMETRIC PRESSURE	WIND SPEED DIRECTION	TIME
2	CLOUDY	51°		74%	43°	29.62 IN	SW-6	11:36 PM
3	L. RAIN	38°	17°	70%	30°	29.78 IN	NE-17	10:02 PM
4	L. DRIZZLE	45°	-	73%	37°	29.27 IN	SW-6	11:23 PM
5	CLEAR	35°	30°	55%	20°	29.83 IN	NW-6	11:58 PM
6	CLEAR	41°	-	62%	30°	29.93 IN	CALM	8:25 AM
7	P. CLOUDY	30°	16°	40%	11°	29.49 IN	NW-14	11:37 PM
8	P. CLOUDY	25°	11°	38%	5°	29.64 IN	NW-9	7:58 AM
9	CLEAR	26°	20°	22%	-6°	29.86 IN	NW-6	11:54 PM
10	L. SNOW	25°	13°	77%	19°	29.77 IN	NW-8	9:07 PM
11	P. CLEAR	30°	17°	47%	14°	29.83 IN	W-9	11:30 PM
13	CLEAR	29°	29°	52%	15°	29.82 IN	CALM	7:59 AM
14	CLOUDY	39°	19°	81%	34°	29.88 IN	E-17	7:58 AM
15	CLOUDY	36°	26°	77%	30°	29.99 IN	NE-8	4:27 PM
16	CLEAR	28°	28°	94%	26°	30.24 IN	CALM	11:52 PM
17	CLEAR	39°	37°	49%	22°	30.14 IN	SW-5	11:36 PM
18	L. RAIN	46°		94%	44°	29.33 IN	E-2	11:38 PM
19	CLOUDY	46°	31°	57%	32°	29.33 IN	NW-14	5:08 PM
20	CLEAR	35°	30°	26%	8°	29.97 IN	W-6	11:36 PM
21	CLOUDY	39°	39°	57%	26°	30.05 IN	S-3	11:54 PM
22	CLOUDY	36°	36°	70%	28°	30.31 IN	NE-3	11:44 PM
23	RAIN	38°	28°	74%	31°	29.77 IN	E-8	11:58 PM
24	L. SNOW	34°	29°	84%	30°	29.71 IN	E-6	11:46 PM
25	L. RAIN	35°	35°	84%	31°	30.14 IN	CALM	11:28 PM
26	P. CLOUDY	36°	34°	81%	31°	30.20 IN	SW-5	11:58 PM
27	L. DRIZZLE	50°	37°	96%	49°	29.65 IN	S-13	11:45 PM
28	P. CLOUDY	48°	39°	38%	24°	29.64 IN	W-9	11:57 PM
29	L. RAIN	47°	-	88%	43°		NE-3	11:55 PM
30	CLEAR	36°	36°	56%	22°	30.14 IN	E-3	11:37 PM
31	P. CLOUDY	34°	34°	75%	28°	30.30 IN	S-3	11:53 PM

CRMN WEATHER DATA MARCH 1991

									1
									2
								29.75"	3
									4
								29.39"	5
									6
									7
								29.64"	8
								29.84"	9
								29.84"	10
6:10 PM N14	6:00 AM, 26°	CLEAR, NW 7 MPH, 35%	4°, 15 mi, UNL					29.66"	11
9:30 PM N14	1:05 PM, 36°	M. CLOUDY, N 17 MPH, 56%	22°, 15 mi, 2700'					29.70"	12
8:53 PM N7	6:48 AM, 30°	P. CLOUDY, NW 9 MPH, 55%	17°, 15 mi, UNL					29.83"	13
9 PM, CALM	6:30 AM, 30°	CLEAR, W 8 MPH, 52%	16°, 15 mi, UNL					29.81"	14
9:06 PM NE18	6:30 AM, 38°	CLOUDY, E 12 MPH, 70%	30°, 15 mi, 9000'					29.82"	15
9:11 PM, N12	6:37 AM, 36°	LT. RAIN, NE 22 MPH, 81%	31°, 2 1/2 mi, 700'					30.15"	16
9:06 PM, CALM	6:16 AM, 31°	P. CLOUDY, N 6 MPH, 69%	22°, 15 mi, UNL					30.33"	17
9:30 PM, SW5	9:07 AM, 43°	CLEAR, NW 7 MPH, 40%	21°, 15 mi, UNL					30.09"	18
9:18 PM, SE16	6:57 AM, 38°	CLOUDY, S 5 MPH, 81%	33°, 15 mi, 25000'					29.28"	19
5:26 PM, NW16	8:36 AM, 46°	CLOUDY, W 12 MPH, 84%	41°, 12 mi, 1200'					29.56"	20
9:39 PM, CALM	4:34 AM, 41°	CLEAR, W 12 MPH, 59%	29°, 15 mi, UNL					30.08"	21
9:16 PM, S5	6:40 AM, 31°	P. CLOUDY, W 7 MPH, 36%	10°, 15 mi, 25000'					30.14"	22
9:10 PM, NE6	7:26 AM, 39°	CLOUDY, E 8 MPH, 77%	33°, 12 mi, 600'					29.65"	24
9:25 PM, SE18	6:07 AM, 38°	CLOUDY, E 13 MPH, 70%	30°, 15 mi, 11,000'					29.84"	25
8:31 PM, E9	6:28 AM, 38°	CLDY, N 12 MPH, 84%	35°, 2 mi, 500'					30.28"	26
11:20 PM, CALM	7:06 AM, 38°	LT. RAIN, N 12 MPH, 84%	34°, 7 mi, 800'					30.19"	27
9 PM, SW3	8:16 AM, 41°	P. CLOUDY, NW 5 MPH, 65%	31°, 12 mi, UNL					29.51"	28
6:33 PM, SE12	7:32 AM, 40°	CLOUDY, CALM, 84%	36°, 6 mi, 14000'					29.75"	29
9:15 PM, W7	5:27 AM, 52°	CLOUDY, SW 16 MPH, 93%	56°, 1 1/4 mi, 200'					29.59"	30
9:36 PM, CALM	6:21 AM, 43°	CLOUDY, CALM, 61%	31°, 15 mi, 20,000'					30.34"	31
10 PM, CALM	6:26 AM, 40°	LT. R/F, NE 16 MPH, 84%	36°, 2 mi, 400'						
5:33 PM, SE18	6:59 AM, 29°	CLEAR, CALM, 63%	18°, 15 mi, UNL						

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - MAY 1991



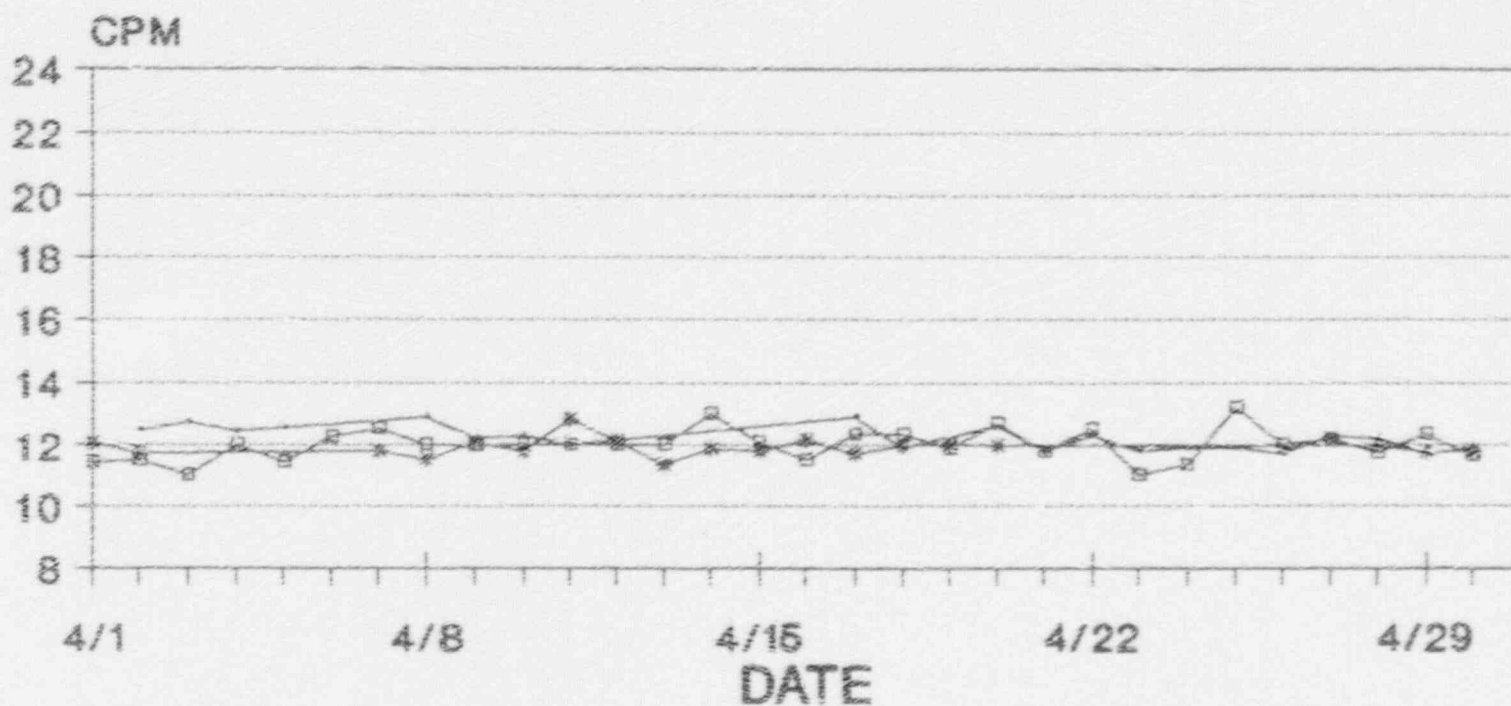
MONITORING STATIONS

—•— #1 —+— #3 —*— #5

NOTE: VALUES ARE DAILY MAXIMUM READING

05-18-91 SHT 1

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - MAY 1991



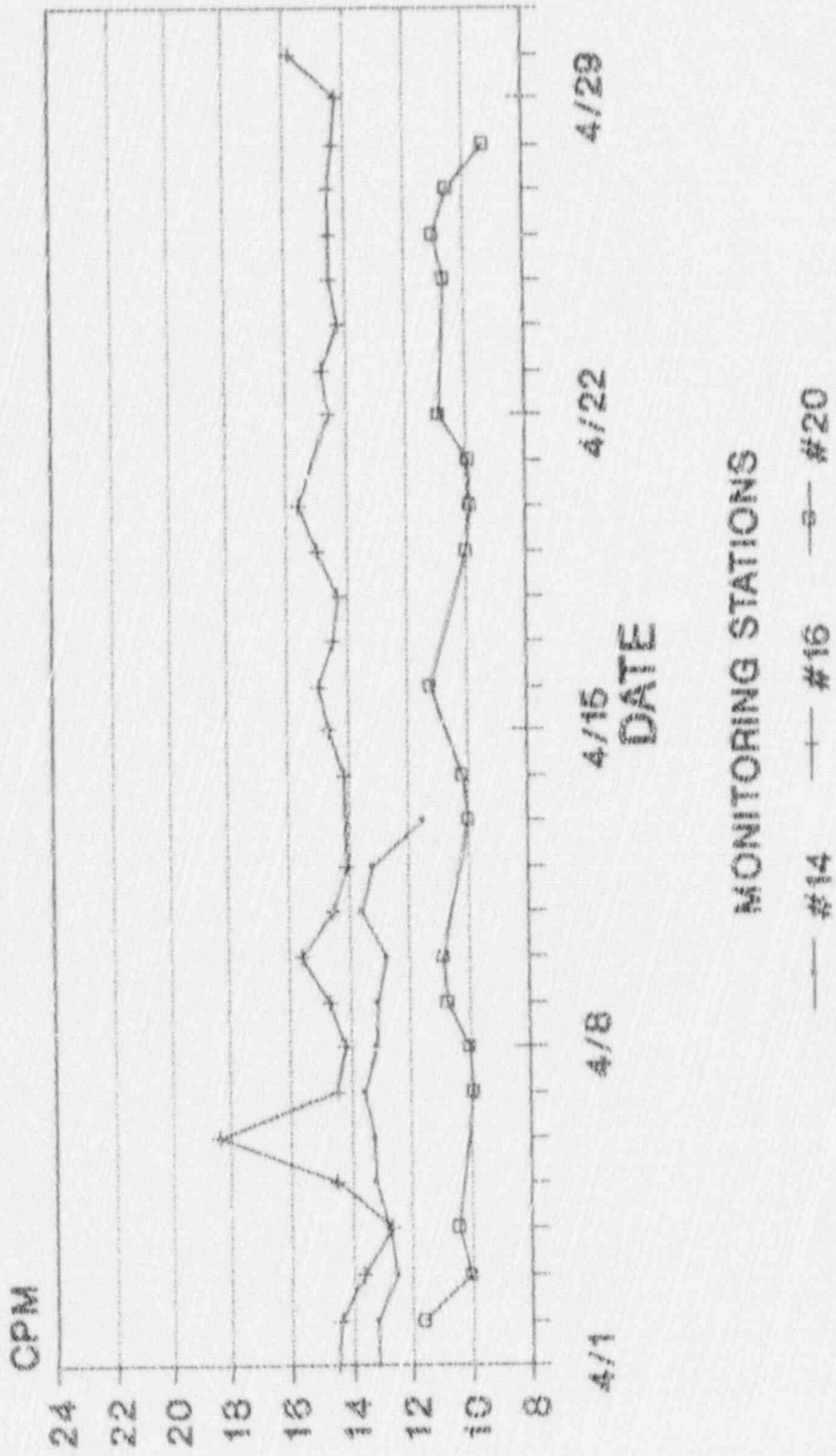
MONITORING STATIONS

— #10 —*— #12 —□— #13

NOTE: VALUES ARE DAILY MAXIMUM READING

05-18-91 SHT 2

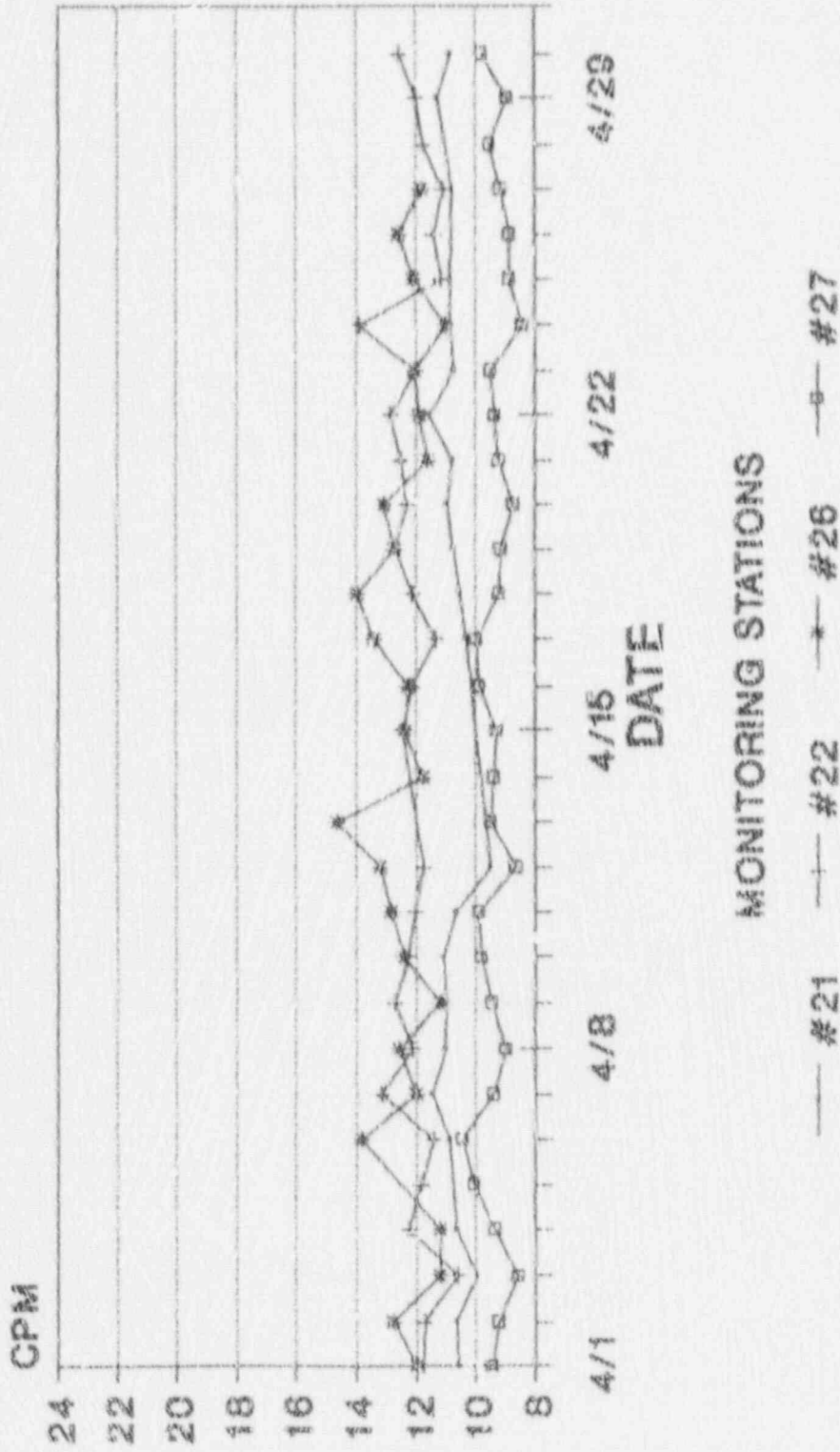
CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - MAY 1991



NOTE: VALUES ARE DAILY MAXIMUM READING

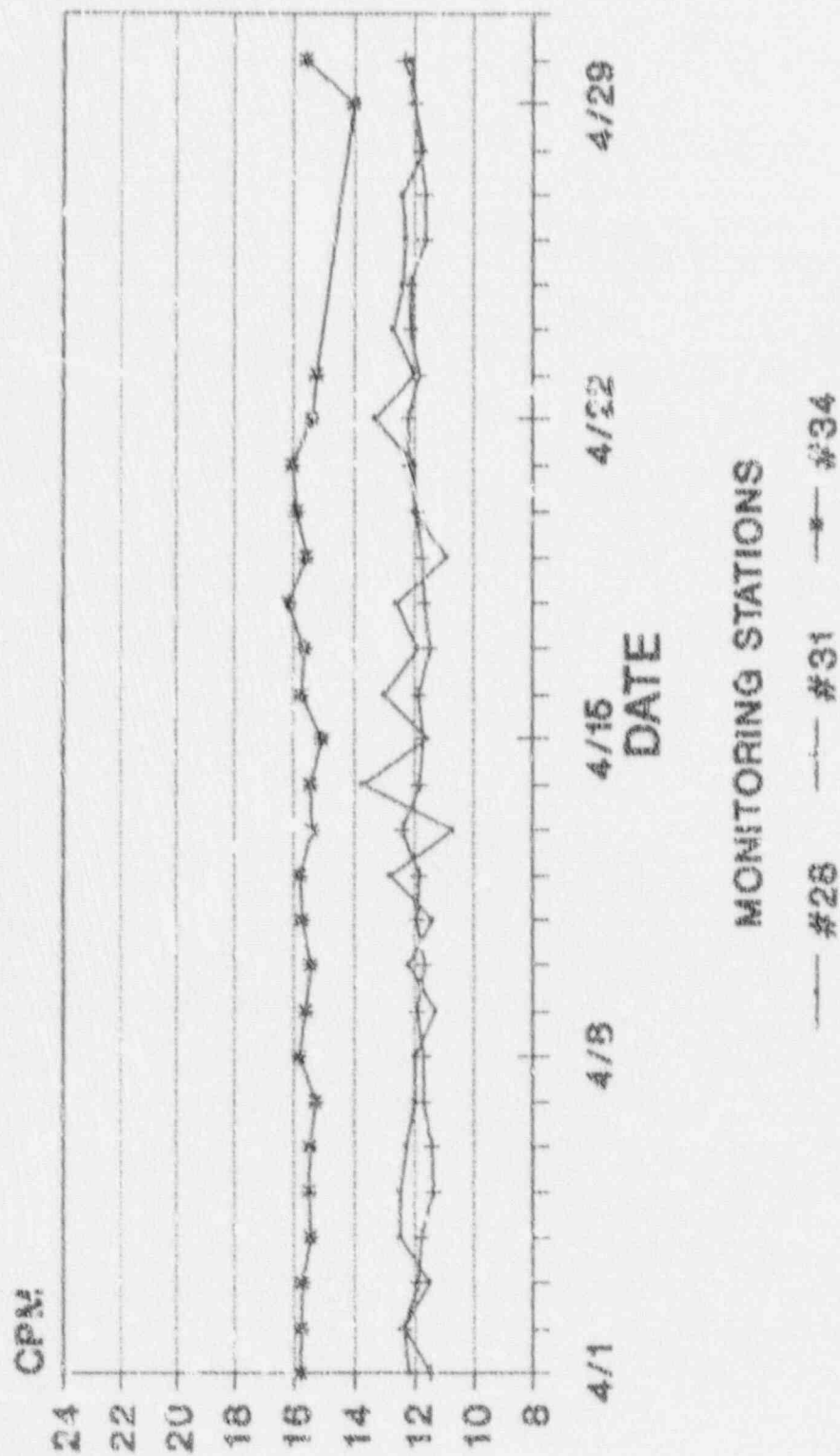
05-18-91 SHT 3

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - MAY 1991



NOTE: VALUES ARE DAILY MAXIMUM READING

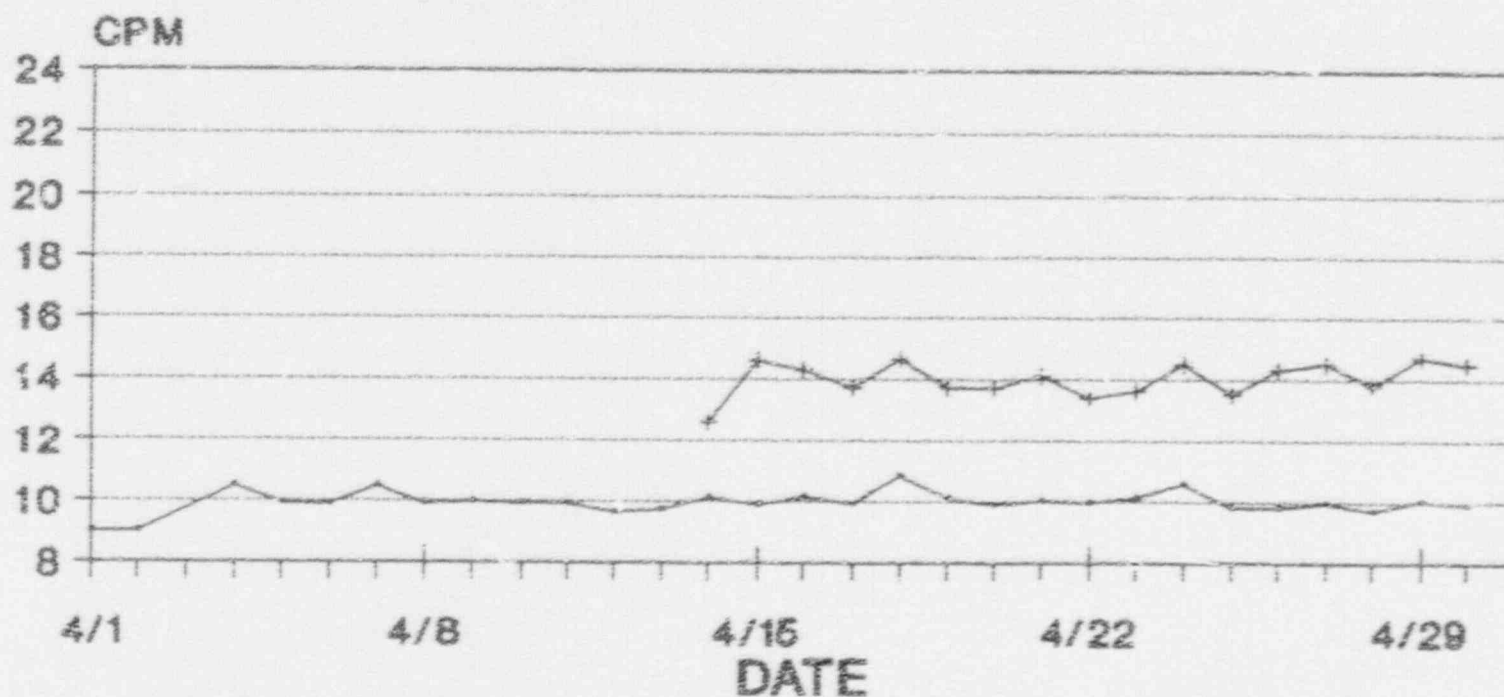
CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - MAY 1991



NOTE: VALUES ARE DAILY MAXIMUM READING

05-18-91 SHT 5

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - MAY 1991



MONITORING STATIONS

— #38 - - #39

NOTE: VALUES ARE DAILY MAXIMUM READING

05-18-91 SHT 8

ALL WEATHER DATA ORIGINATED AT FALMOUTH OTIS AIRBASE, MA.

CRMN WEATHER DATA APRIL 1991

NIGHT	TIME	TEMP.	CONDITION	WIND	HUMIDITY	DEW P.	VIS.	BAR. PR.	
9:15pm, CALM	6:37AM	38°	CLOUDY	E 6 mph	81%	33°	12/6500'	30.14"	1
9:25pm, CALM	6:08AM	40°	M. CLOUDY	CALM	81%	35°	8/6000'	30.09"	2
NH	5:14AM	35°	CLEAR	NW 8	76%	29°	15/U	30.40"	3
9:23pm, SW12	6:25AM	36°	P. CLOUDY	CALM	89%	33°	7/U	30.51"	4
9:59pm, SW14	7:30AM	48°	M. CLOUDY	SW12	77%	41°	10/U	30.30"	5
9:31pm, SW7	6:16AM	47°	FOG	SW7	97%	46°	1/4mi/100'	30.00"	6
9:45pm, SW6	7:47AM	55°	M. CLOUDY	SW6	81%	49°	10/8000'	29.92"	7
9:25pm, SW12	7:45AM	42°	FOG	CALM	96%	41°	1/2/200'	29.96"	8
9:37pm, W12	7:20AM	53°	M. CLOUDY	SW7	93%	51°	8/U	29.82"	9
10:31pm, CALM	8:20AM	44°	FOG	CALM	93%	42°	1/4mi/100'	29.71"	10
9:16pm, NW16	7:33AM	48°	P. CLOUDY	W21	45%	24°	15/U	29.91"	11
10:27pm, CALM	11:24AM	43°	CLEAR	N16	32%	17°	15/U	30.41"	12
5:30pm, SW14	6:38AM	31°	P. CLOUDY	CALM	69%	22°	15/U	30.59"	13
9:30pm, CALM	7:06AM	33°	P. CLOUDY	CALM	83%	29°	4/U	30.43"	14
9:25pm, SE3	7:53AM	41°	CLOUDY	SW3	77%	35°	15/12000'	30.29"	15
9:35pm, SW14	7:16AM	46°	P. CLOUDY	CALM	87%	42°	2 1/2/U	29.87"	16
9:58pm, NE12	8:06AM	42°	FOG	N12	93%	40°	1/4/100'	30.01"	17
9:40pm, NE15	6:59AM	42°	LT/RAIN	NE14	85%	38°	7mi/1000'	30.09°	18
9:11pm, NE9	8:08AM	40°	M. C. OUDY	NE12	74%	33°	15/U	30.20°	19
9:40pm, E9	6:58AM	36°	P. CLOUDY	CALM	73%	29°	15/U	30.17°	20
9:21pm, SE1	8:32AM	47°	RAIN/FOG	NE16	91%	44°	1 1/4/600'	29.62°	21
10:22pm, S12	6:44AM	47°	CLOUDY	S5	84%	42°	15/1600'	29.40°	22
	6:23AM	48°	M. CLOUDY	SW12	74%	40°	15/25000'	29.71°	23
					↑				24
			SECC						25
			NIRS						26
			GREENPEACE						27
									28
									29
	5:47pm	52°	CLOUDY	S9	51%	35°	15/5000'	30.24°	30
	9:00pm	48°	DRZ/FOG	SE12	92%	46°	1 1/2/200'	29.93°	31
	6:50AM	47°	POG	NE	94%	45°	1/2/100'	29.96°	31

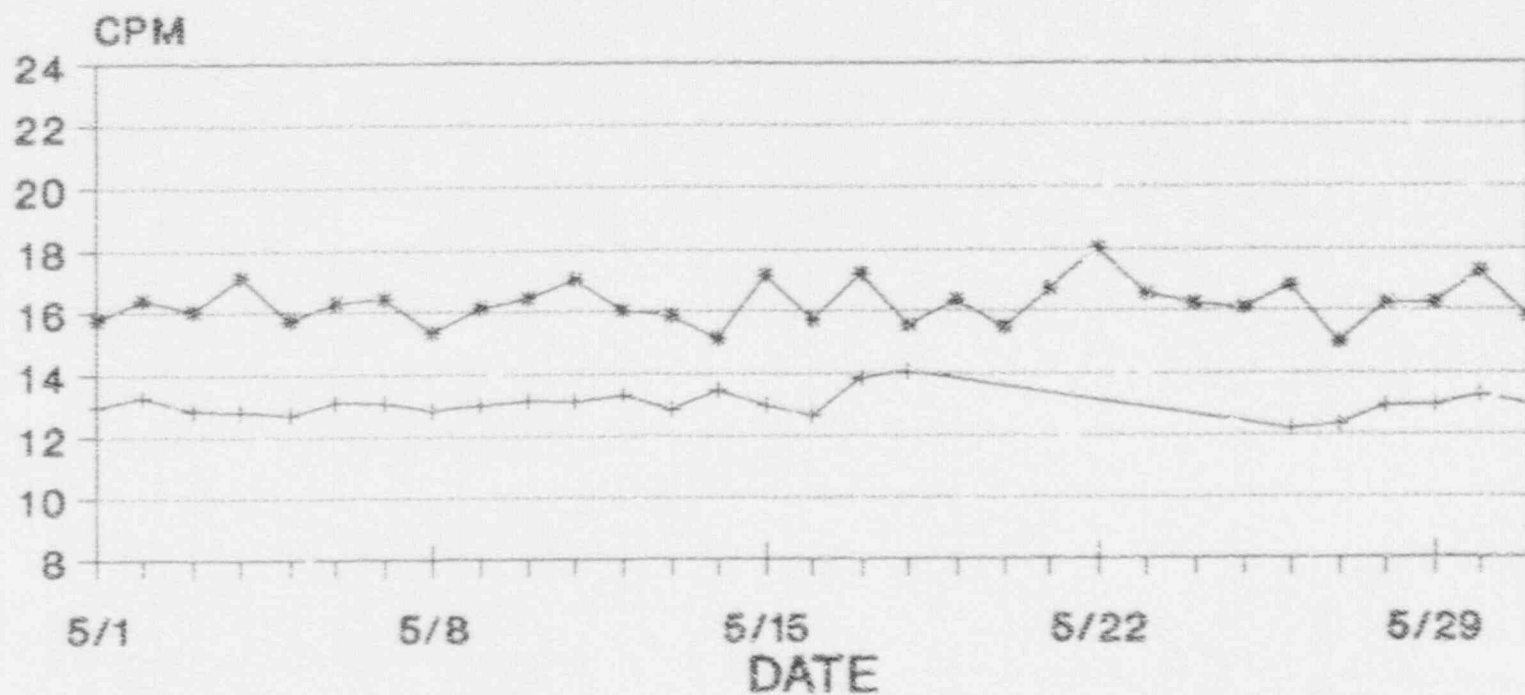
ALIGN RIGHT EDGE OF THIS FORM WITH BOTTOM CALIBRATED LINE OF THE COMPUTER REPORTING FORMS TO CORRELATE RADIATION ACTIVITY WITH WEATHER.

APR. 1991
STA #31

WEATHER RPT. (N.W.S. 30. WETMOUTH, MASS.)

ATE		TEMP- ERATURE	WIND CHILL	HUMIDITY	DEW POINT	BAROMETRIC PRESSURE	WIND SPEED DIRECTION	TIME
1.	CLOUDY	37°	37°	85%	33°	30.09 IN	SW 3	11:59 PM
2.	CLEAR	36°	34°	68%	27°	30.30 IN	NW 5	11:58 PM
3.	CLEAR	31°	31°	69%	22°	30.48 IN	CALM	11:59 PM
4.	P.CLOUDY	41°	34°	56%	28°	30.32 IN	SW 7	12:01 AM
5.	M.CLOUDY	54°	-	74%	46°	29.97 IN	SW 10	11:58 PM
6.	CLOUDY	63°	-	52%	45°	29.91 IN	W-7	11:59 PM
7.	CLEAR	45°	-	73%	37°	29.90 IN	NE-6	11:59 PM
8.	M.CLOUDY	66°	-	50%	47°	29.83 IN	SW-6	11:57 PM
9.	CLOUDY	43°	34°	75%	36°	29.79 IN	NE-8	11:59 PM
11.	P.CLOUDY	49°	32°	32%	21°	29.95 IN	W-15	1:03 PM
12.	P.CLOUDY	31°	31°	52%	17°	30.59 IN	CALM	11:57 PM
13.	P.CLOUDY	37°	37°	74%	30°	30.43 IN	SW-2	11:56 PM
14.	CLOUDY	37°	35°	58%	24°	30.37 IN	SW-5	11:44 PM
15.	Fog	43°	-	82%	32°	29.82 IN	W-3	11:57 PM
16.	CLOUDY	42°	35°	89%	39°	29.96 IN	NE-7	11:59 PM
17.	CLOUDY	41°	27°	84%	37°	30.09 IN	E-12	11:57 PM
18.	CLEAR	39°	37°	64%	29°	30.20 IN	NE-5	10:58 PM
19.	P.CLOUDY	40°	40°	43%	20°	30.19 IN	CALM	11:44 PM
20.	CLOUDY	44°	31°	70%	37°	30.09 IN	E-13	9:28 PM
21.	CLOUDY	46°	29°	84%	41°	29.26 IN	S-17	11:53 PM
22.	CLEAR	44°	40°	79%	38°	29.59 IN	SW-6	11:45 PM
23.	P.CLOUDY	55°	-	48%	36°	29.82 IN	SW-7	9:58 PM
24.	M.CLOUDY	50°	-	60%	37°	29.82 IN	CALM	11:59 PM
25.	P.CLOUDY	65°	-	41%	40°	30.00 IN	SE-7	5:44 PM
26.	M.CLOUDY	58°	-	32%	29°	30.04 IN	SW-5	11:45 PM
27.	CLEAR	57°	-	79%	45°	29.99 IN	E-10	12:15 AM
28.	M.CLOUDY	47°	-	66%	36°	30.27 IN	S-2	12:06 AM
29.	CLOUDY	49°	-	51%	32°	30.16 IN	SW-6	11:57 PM
30.	DRIZZLE	48°	-	95%	47°	29.92	CALM	11:58 PM

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - MAY 1991



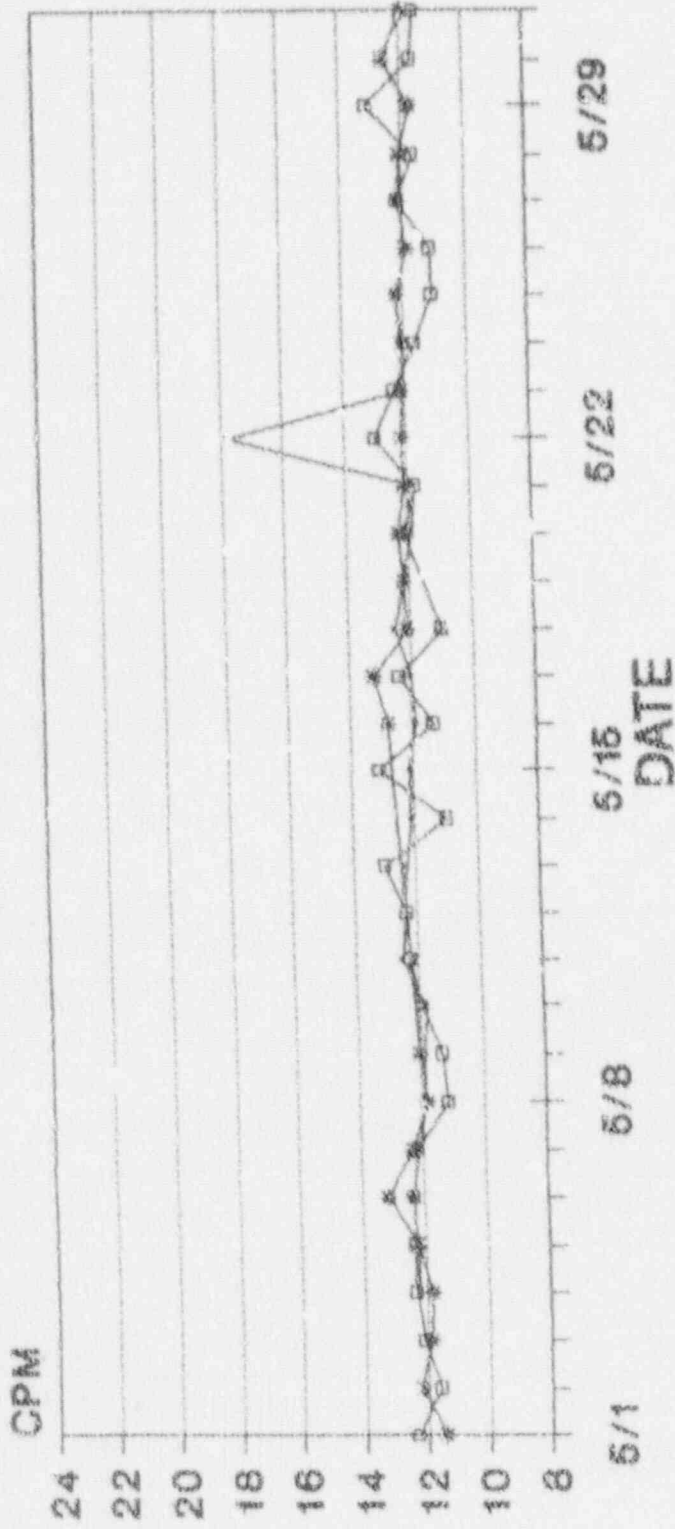
MONITORING STATIONS

—+— #3 —*— #5

NOTE: VALUES ARE DAILY MAXIMUM READING

06-18-91 SHT 1

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - MAY 1991



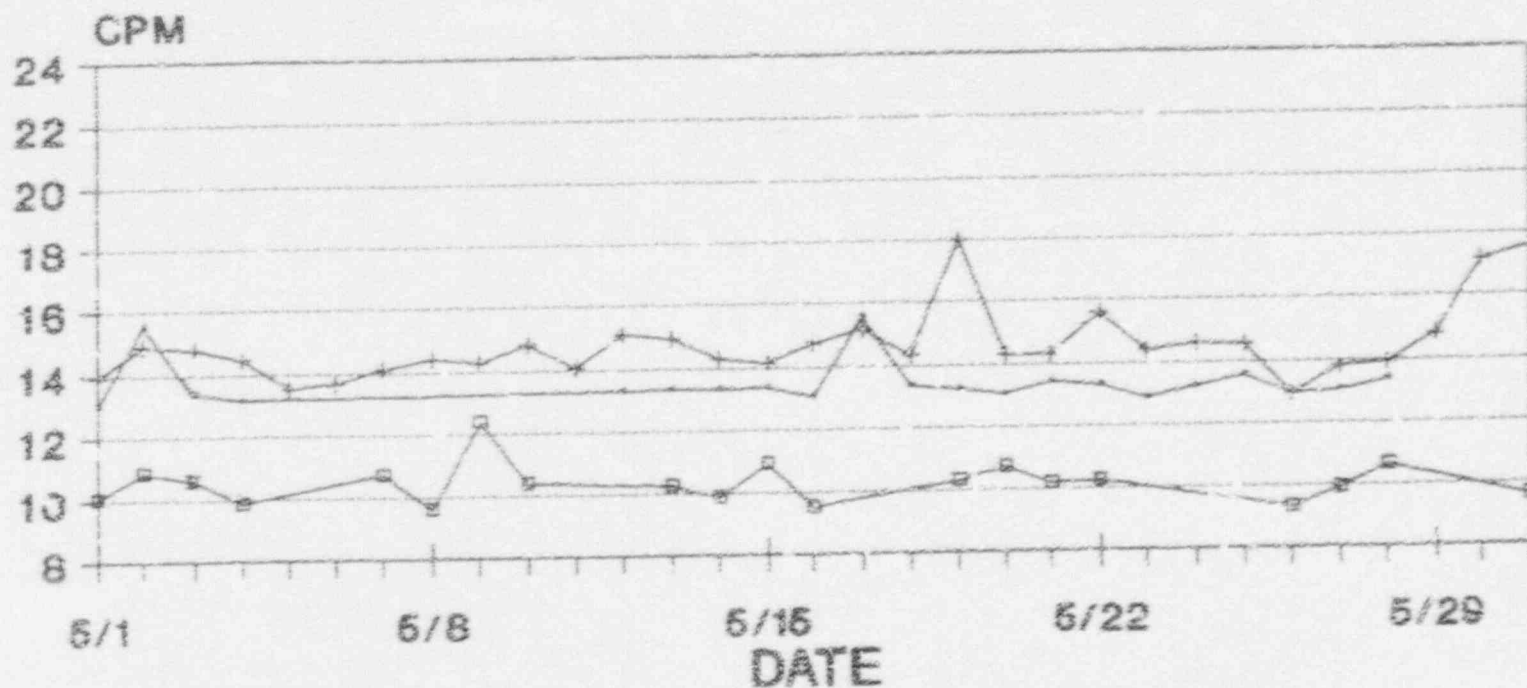
MONITORING STATIONS

—○— #10 -*- #12 —□— #13

NOTE: VALUES ARE DAILY MAXIMUM READING

06-18-91 SHT 2

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - MAY 1991



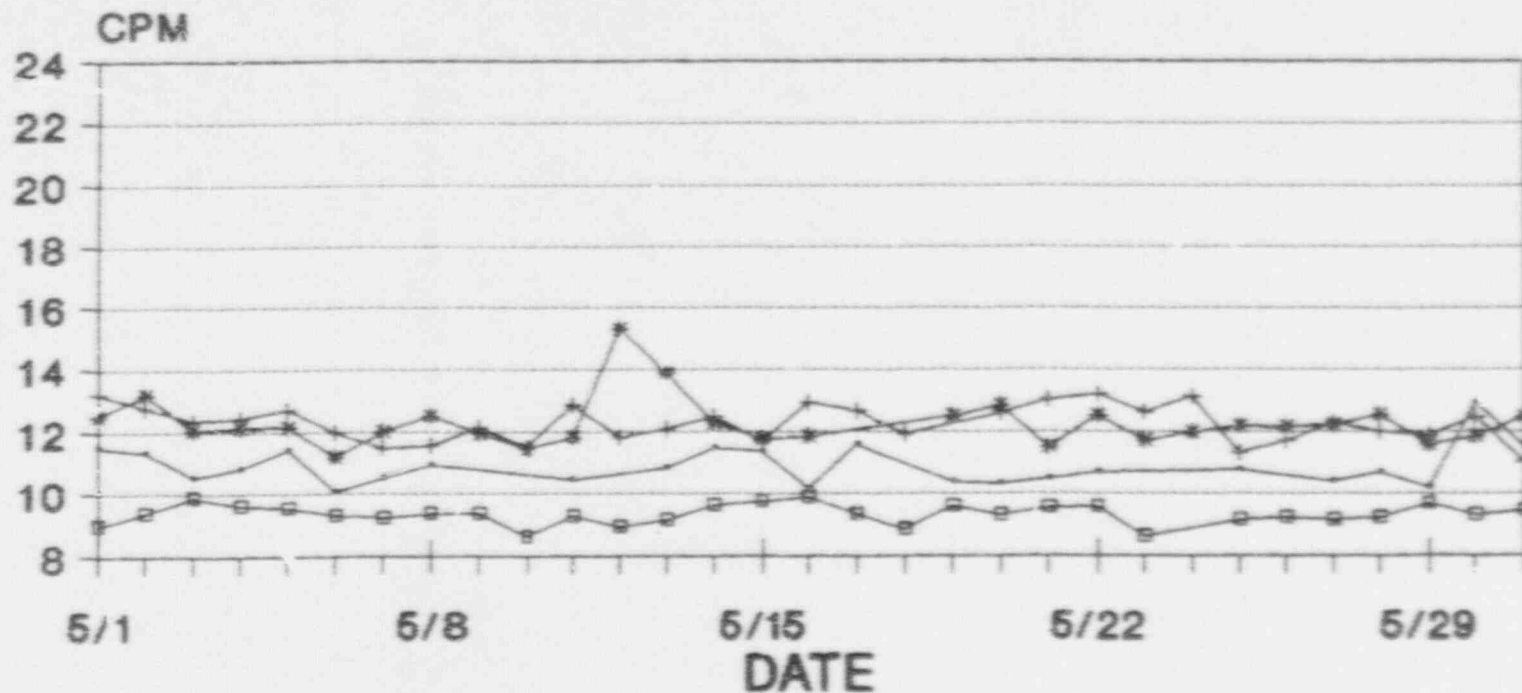
MONITORING STATIONS

—▲— #14 —+— #16 —□— #20

NOTE: VALUES ARE DAILY MAXIMUM READING

06-18-91 SHT 3

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - MAY 1991



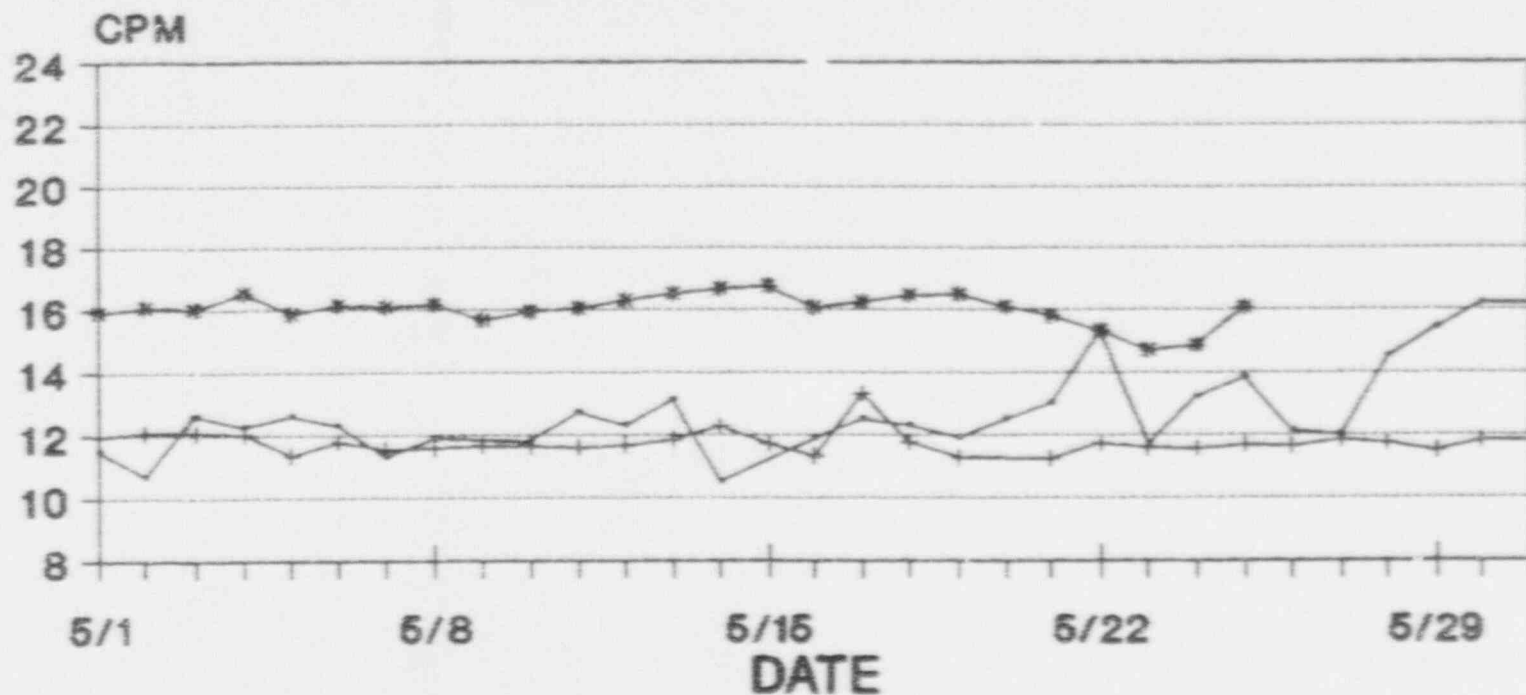
MONITORING STATIONS

— #21 — #22 — #26 — #27

NOTE: VALUES ARE DAILY MAXIMUM READING

06-18-91 SHT 4

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - MAY 1991



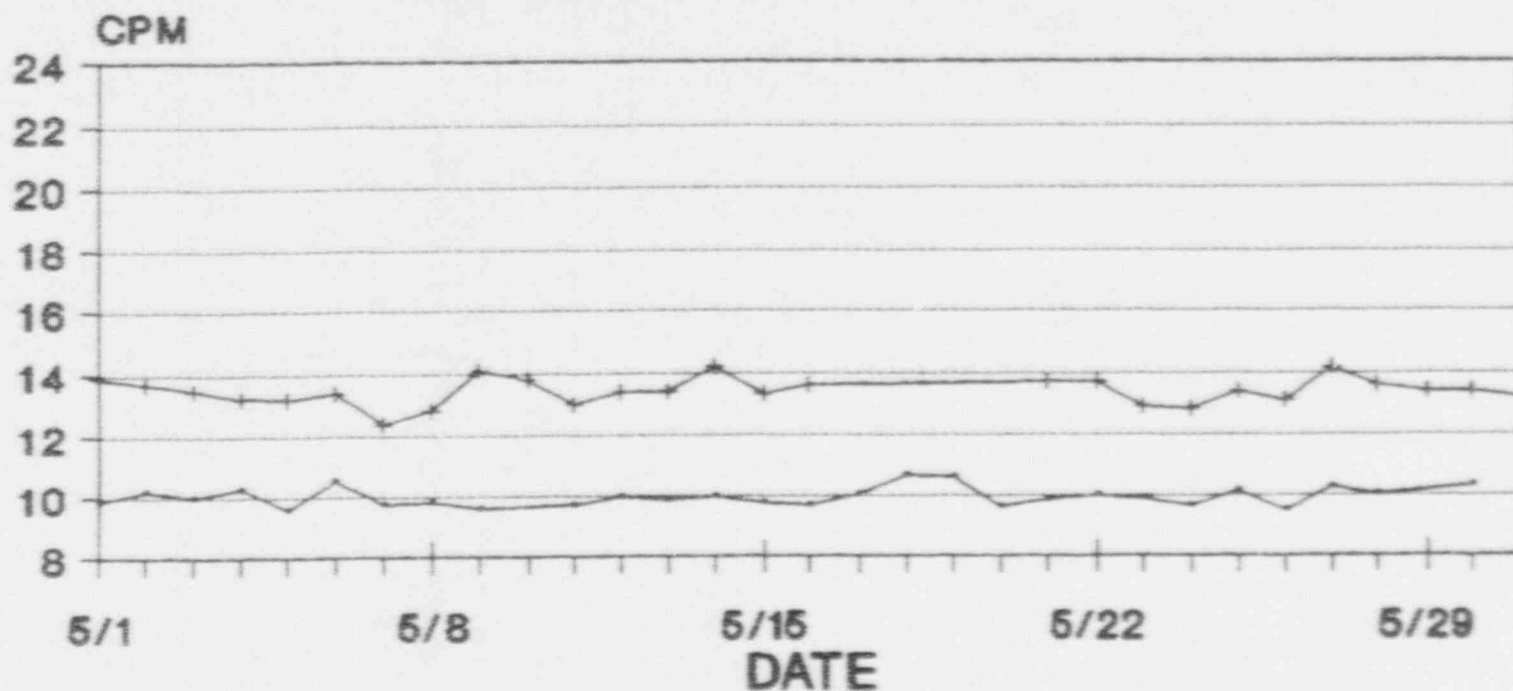
MONITORING STATIONS

— #28 —+— #31 —*— #34

NOTE: VALUES ARE DAILY MAXIMUM READING

06-18-91 SHT 5

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - MAY 1991



MONITORING STATIONS

— #38 —+ #39

NOTE: VALUES ARE DAILY MAXIMUM READING

06-18-91 SHT 6

MAY 1991

WEATHER RPT. (NAS SO. WEYMOUTH, MASS.)

STATION #31

DATE		TEMP. TEMPERATURE	WIND WIND CHILL	HUMIDITY	DEW POINT	BAROMETRIC PRESSURE	WIND SPEED DIRECTION	TIME
1	M. CLOUDY	53°	—	79%	47°	29.83 IN	SW-9	11:58 PM
2	CLEAR	51°	—	69%	41°	29.70 IN	W-10	11:56 PM
3	M. CLOUDY	54°	—	55%	38°	29.71 IN	NW-9	6:58 PM
4	P. CLOUDY	67°	—	37%	39°	29.96 IN	N-7	6:15 PM
5	CLEAR	50°	—	71%	41°	30.18 IN	S-6	11:59 PM
6	FOG	59°	—	100%	59°	29.85 IN	SW-15	11:54 PM
7	P. CLOUDY	64°	—	45%	42°	30.07 IN	NW-14	6:52 PM
8	P. CLOUDY	61°	—	68%	50°	30.22 IN	W-15	10:42 AM
9	CLOUDY	51°	—	71%	42°	30.27 IN	S-3	11:56 PM
10	P. CLOUDY	47°	—	60%	36°	30.26 IN	CALM	11:58 PM
11	P. CLOUDY	59°	—	60%	45°	30.00 IN	SW-8	11:37 PM
12	CLOUDY	74°	—	40%	48°	29.74 IN	E-3	11:36 PM
13	CLEAR	65°	—	66%	57°	29.63 IN	W-7	11:27 PM
14	M. CLOUDY	56°	—	51%	38°	29.85 IN	SE-5	11:15 PM
15	CLEAR	59°	—	70%	49°	30.01 IN	SW-3	11:18 PM
16	P. CLEAR	65°	—	55%	48°	29.98 IN	SW-10	11:50 PM
17	L. RAIN/FOG	47°	33°	97%	46°	29.97 IN	NE-14	11:58 PM
18	P. CLOUDY	45°	—	83%	40°	30.41 IN	CALM	11:37 PM
19	SUNNY	66°	—	39%	40°	30.45 IN	S-2	2:29 PM
20	CLEAR	54°	—	74%	46°	30.26 IN	SW-8	2:40 AM
21	CLEAR	64°	—	77%	57°	30.03 IN	SW-9	12:14 AM
22	CLEAR	64°	—	77%	57°	30.03 IN	SW-9	12:14 AM
23	M. CLOUDY	53°	—	67%	42°	30.24 IN	SW-5	11:57 PM
24	M. CLOUDY	72°	—	63%	59°	29.88 IN	SW-9	12:52 AM
25	M. CLOUDY	69°	—	85%	64°	30.01 IN	CALM	11:44 PM
26	CLOUDY	59°	—	64%	47°	30.18 IN	CALM	11:44 PM
27	CLOUDY	60°	—	73%	51°	29.97 IN	E-2	11:58 PM
28	CLEAR	69°	—	65%	57°	29.92 IN	NE-2	11:56 PM
29	M. CLOUDY	65°	—	73%	56°	29.87 IN	W-5	11:45 PM
30	CLOUDY	66°	—	75%	58°	29.69 IN	CALM	11:44 PM
31	CLOUDY	61°	—	73%	52°	29.68 IN	NE-6	11:45 PM

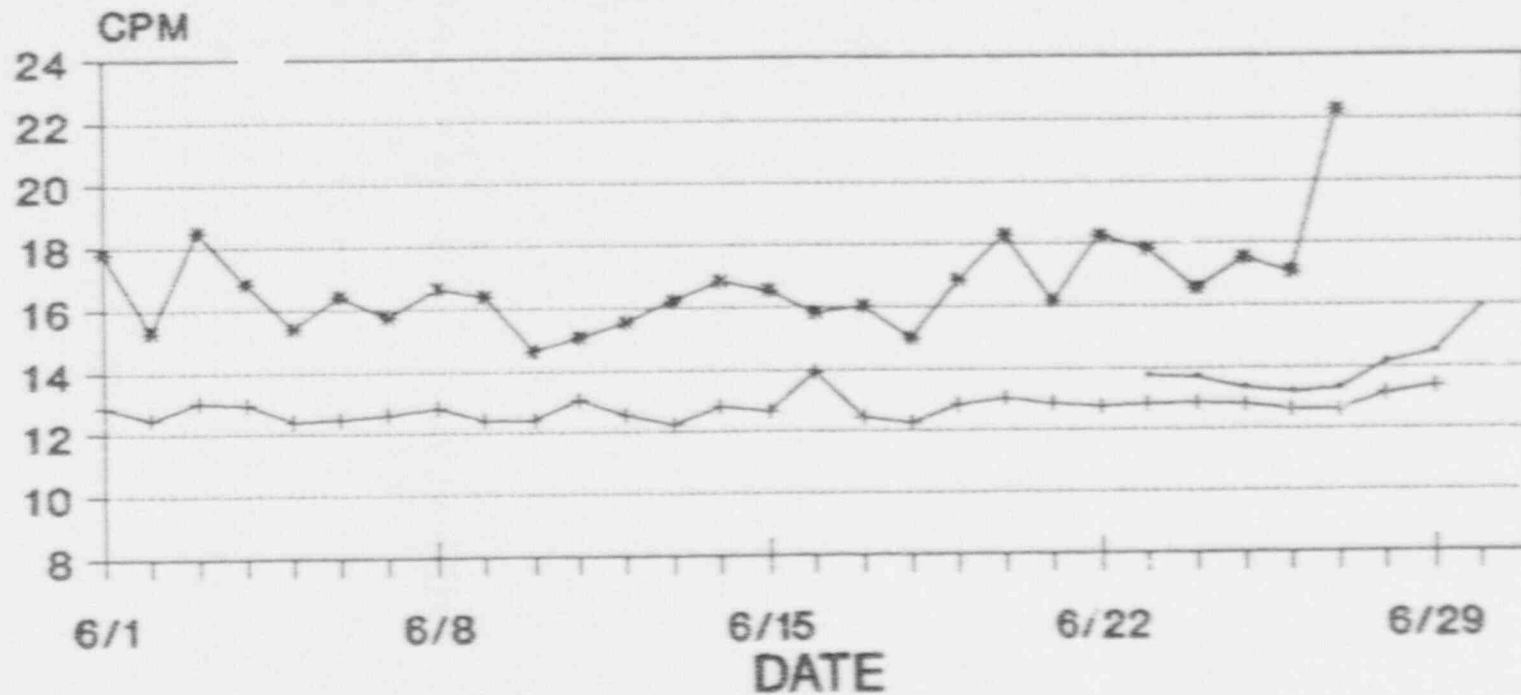
ALL WEATHER DATA ORIGINATED AT FALMOUTH/TIS AIRBASE, MA.

CRMN WEATHER DATA *May 1991*

NIGHT	TIME	TEMP.	CONDITION	WIND	HUMIDITY	DEW P.	VIS.	BAR, PR.	
	6:30AM	47°	FOG	N 8	74%	45°	1/2/100'	29.96"	1
	7:50AM	52°	M. CLOUDY	W 5	84%	49°	15/3000'	29.75"	2
9:26pm, NW 9	8:15AM	49°	M. CLOUDY	W 14	58%	35°	15/6000'	29.71"	3
9:30pm, CALM	6:11AM	50°	P. CLOUDY	SW 12	55%	35°	15/UNL	29.79"	4
9:17pm, CALM	8:16AM	52°	CLEAR	CALM	66%	41°	15/UNL	30.21"	5
4:35pm, SW 16	6:14AM	52°	FOG	S 9	92%	48°	1/2/200'	30.22"	6
9:10pm, W 7	6:16AM	54°	FOG	SW 9	97%	53°	.13/100'	29.95"	7
	9:44pm	53°	P. CLOUDY	E 2	63%	43°	15/U	30.24"	8
9:02pm, S 5	6:45AM	48°	M. CLOUDY	CALM	74%	40°	15/U	30.35"	9
9:10pm, CALM	6:53AM	52°	RAIN	SW 5	82%	47°	10/3000'	30.29"	10
9:20pm, SW 8	7:09AM	51°	P. CLOUDY	CALM	82%	46°	15/U	30.29"	11
9:22pm, W 8	8:13AM	54°	M. CLOUDY	SW 12	87%	53°	10/25000'	29.91"	12
9:22pm, SW 12	7:20AM	55°	CLEAR	SW 3	67%	44°	15/U	29.87"	13
9:18pm, SE 7	6:42AM	61°	Cloudy	CALM	81%	55°	8/11000'	29.66"	14
10:55pm, CALM	7:25AM	53°	P. CLOUDY	CALM	83%	48°	10/U	29.92"	15
9:11pm, SW 18	10:52AM	70°	P. CLOUDY	W 7	61%	56°	10/U	30.08"	16
9:02pm, SW 14	8:05AM	62°	P. CLOUDY	SW 16	70%	52°	12/U	30.01"	17
9:45pm, NE 8	6:15AM	48°	HTR/F	NE 20	92%	46°	4/300'	30.02"	18
9:30pm, SW 6	6:45AM	39°	P. CLOUDY	CALM	84%	35°	15/U	30.50"	19
9:37pm, SW 10	7:35AM	53°	CLEAR	W 9	74%	45°	15/U	30.42"	20
2:22pm, SW 17	6:44AM	52°	CLEAR	SW 9	86%	46°	15/U	30.29"	21
9:46pm, SE 5	7:50AM	61°	CLOUDY	CALM	86%	57°	8/20000'	30.08"	22
9:57pm, S 9	7:05AM	57°	M. CLOUDY	E 12	85%	52°	4/6500'	30.22"	23
9:15pm, SW 12	7:28AM	58°	CLOUDY	SW 8	94%	56°	2/300'	30.16"	24
9:11pm, N 5	8:27AM	62°	CLOUDY	SW 12	89%	59°	7/12,000'	29.93"	25
NA	7:14AM	61°	P. CLOUDY	NE 12	78%	54°	12/U	30.14"	26
9:20pm, NE 6	5:17AM	61°	FOG	CALM	100%	61°	1/4/100'	29.92"	27
NA				NA					28
	5:55AM	64°	P. CLOUDY	NW 6	80%	58°	15/U	29.94"	29
8:30pm, N 8	6:40AM	62°	CLOUDY	CALM	93%	60°	8/10000'	29.87"	30
9:30pm, SE 8	5:45AM	62°	FOG	CALM	93%	60°	1/4/100'	29.65"	31
10pm, CALM									

ALIGN RIGHT EDGE OF THIS FORM WITH BOTTOM CALIBRATED LINE OF THE COMPUTER REPORTING FORMS TO CORRELATE RADIATION ACTIVITY WITH WEATHER.

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - JUNE 1991



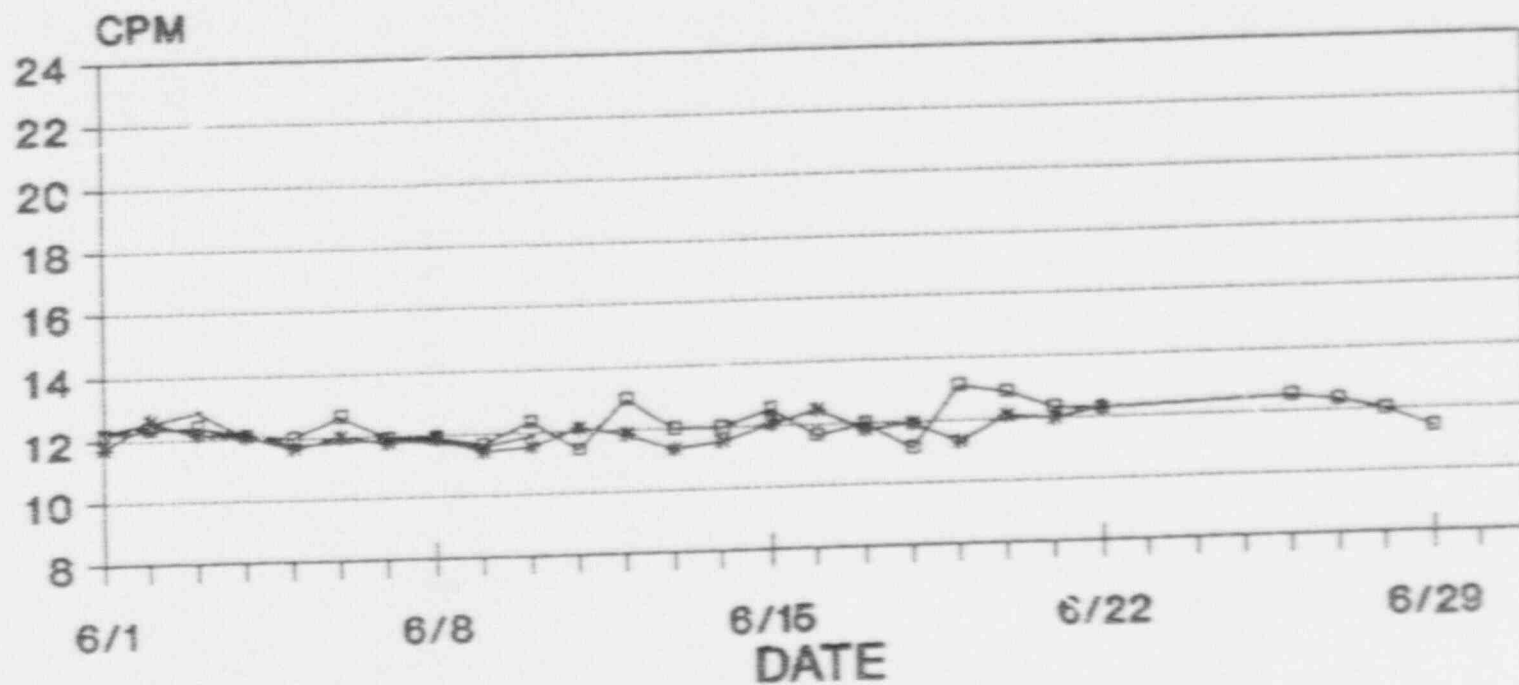
MONITORING STATIONS

— #1 —+ #3 —* #5

NOTE: VALUES ARE DAILY MAXIMUM READING

07-18-91 SHT 1

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - JUNE 1991



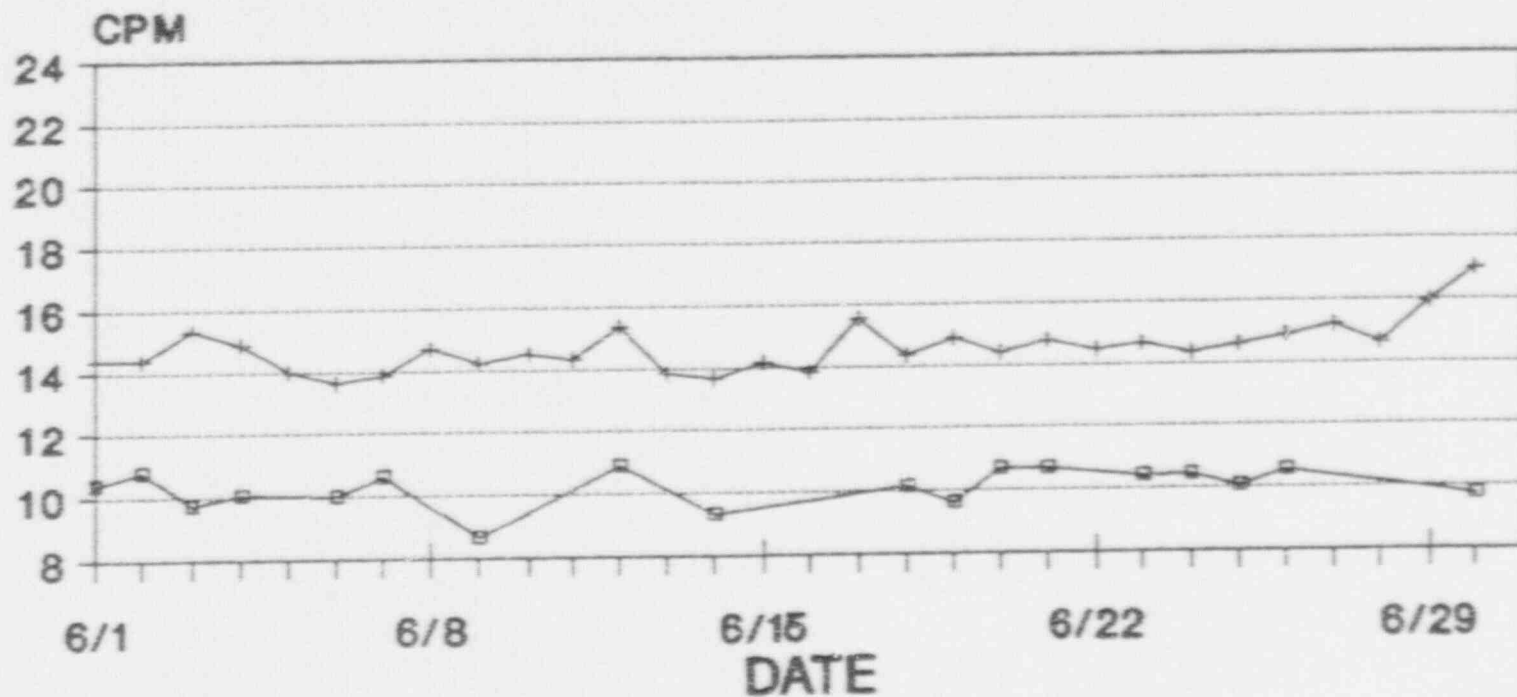
MONITORING STATIONS

— #10 —*— #12 —□— #13

NOTE: VALUES ARE DAILY MAXIMUM READING

07-16-91 SHT 2

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - JUNE 1991



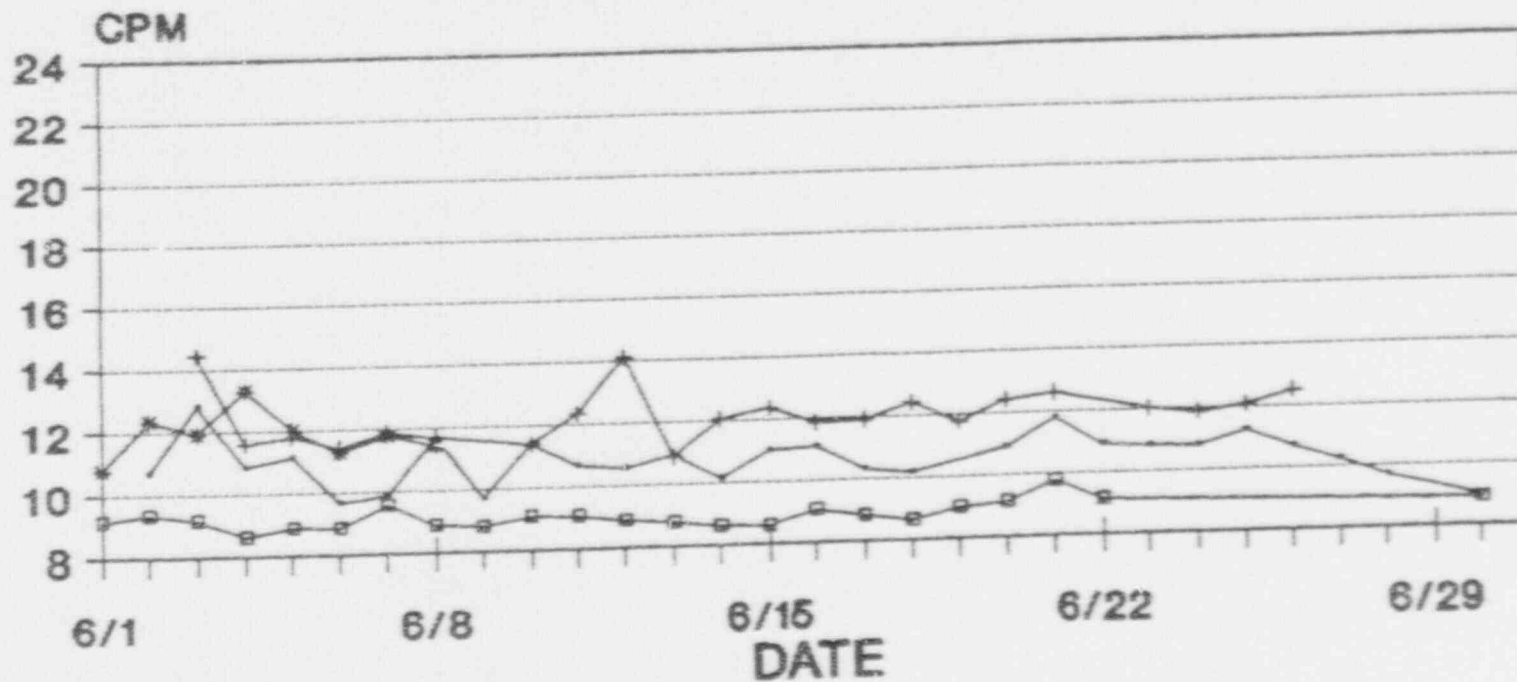
MONITORING STATIONS

+ #15 o #20

NOTE: VALUES ARE DAILY MAXIMUM READING

07-18-91 SHT 3

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - JUNE 1991



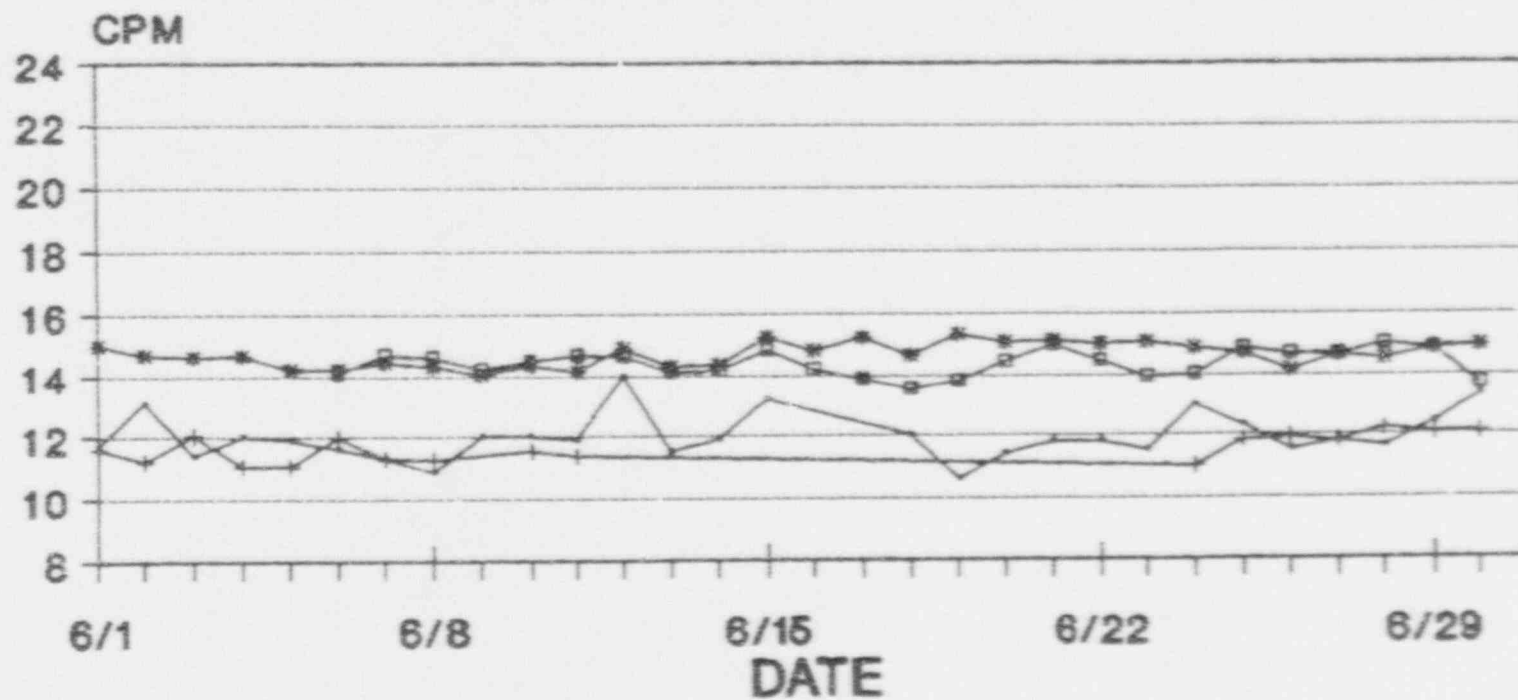
MONITORING STATIONS

— #21 —+ #22 —* #26 —□ #27

NOTE: VALUES ARE DAILY MAXIMUM READING

07-16-91 SHT 4

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - JUNE 1991



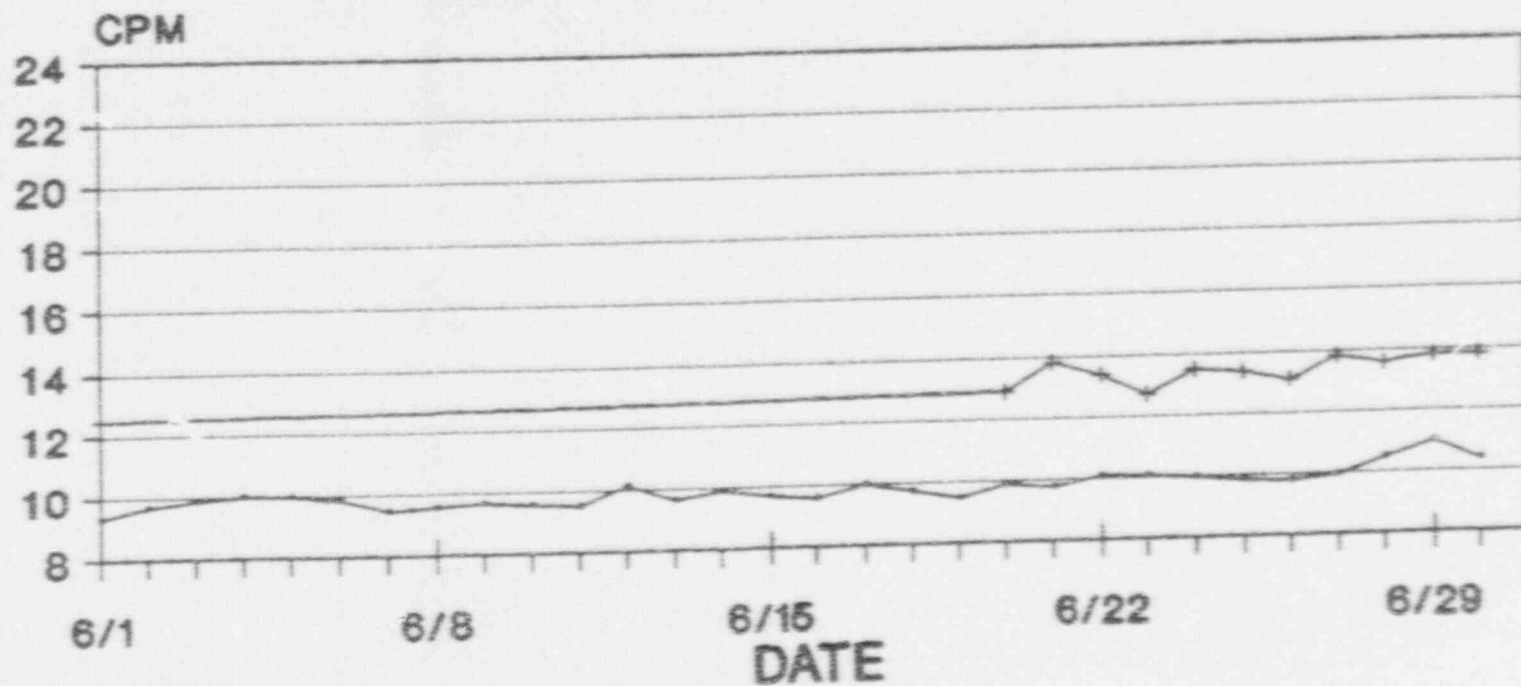
MONITORING STATIONS

— #28 + #31 * #34 □ #37

NOTE: VALUES ARE DAILY MAXIMUM READING

07-18-91 SHT 5

CITIZENS RADIOLOGICAL MONITORING NETWORK PILGRIM 1 - JUNE 1991



MONITORING STATIONS

— #38 + #39

NOTE: VALUES ARE DAILY MAXIMUM READING

07-18-91 SHT 8

ALL WEATHER DATA ORIGINATED AT FALMOUTH PT AIRBASE, MA.

CRMN WEATHER DATA JUNE 1991

NIGHT	TIME	TEMP.	CONDITION	WIND	HUMIDITY	DEW P.	VIS.	BAR. PR.	
8:30pm CATH	7AM	57°	FOG	N12	100%	57°	1/2/100'	29.67"	1
11pm SW5	7:30AM	59°	P.CLDY	W8	100%	59°	2 1/2/UNL	29.82"	2
9:18pm SES	6:30AM	58°	CLEAR	CALM	82%	52°	15/UNL	29.77"	3
8:30pm NE15	7AM	60°	LTR/F	NW3	100%	60°	4/900'	29.70"	4
9pm, W5	6AM	52°	CLOUDY	N12	84%	47°	10/340'	29.91"	5
9:30pm SW3	6:06AM	51°	P.CLDY	NW5	85%	47°	15/UNL	30.19"	6
9:17pm SW12 NA	6:10AM	54°	CLEAR	CALM	87%	50°	15/UNL	30.23"	7
	5:30AM	60°	P.CLDY	CALM	87%	56°	12/UNL	30.02"	8
6:43pm SE7	7:51AM	60°	CLEAR	NE10	76%	52°	15/UNL	30.09"	9
9:20pm SW5	6:30AM	58°	P.CLDY	SW6	94%	56°	12/UNL	30.10"	10
10:38pm SW17 NA	6:28AM	65°	P.CLDY	W3	90%	62°	5/UNL	29.91"	11
	6:50AM	70°	M.CLDY	SW17	73%	61°	3/25000'	29.83"	12
9:08pm NW9	6:43AM	55°	M.CLDY	NW12	62%	42°	15/3000'	29.74"	13
9:21pm SW12 NA	5:43AM	55°	CLEAR	NW2	60%	41°	15/U	29.98"	14
	6:20AM	65°	H.CLOUDY	SW12	66%	53°	15/U	29.95"	15
	7:50AM	67°	H.CLOUDY	CALM	97%	66°	2/8000'	29.76"	16
9:00, NE16	5:45AM	59°	FOG	N10	97%	56°	.38/100'	29.91"	17
9:00, NE7	6:30AM	56°	CLOUDY	NE14	91%	53°	15/1000'	30.15"	18
8:30 CATH	6:30AM	59°	CLOUDY	NE8	96%	58°	7/800'	30.13"	19
8:45pm, SW9 NA	6:00AM	63°	FOG	W5	97%	62°	.13/100'	29.99'	20
	6:00AM	62°	CLEAR	CALM	86%	58°	7/UNL	29.85"	21
9:39pm SE3	6:55AM	60°	P.CLOUDY	NE3	87%	56°	15/UNL	29.94"	22
9:40pm, NE6	6:24AM	59°	CLOUDY	NE7	84%	54°	15/10000	30.05"	23
9:36pm SW5 NA	6:30AM	55°	P.CLOUDY	N6	87%	51°	15/UNL	30.15"	24
	7:15AM	58°	P.CLOUDY	CALM	82%	52°	12/UNL	30.21"	25
10:04, SW16	5:51AM	64°	T.CLOUDY	SW7	83%	59°	10/UNL	30.17"	26
9:55pm W12 NA	7:13AM	67°	H.CLOUDY	W14	82%	61°	12/UNL	30.16"	27
	7:05AM	66°	CLEAR	W3	94%	64°	7/UNL	30.03"	28
8pm, NE6	6:15AM	71°	CLOUDY	W8	84%	66°	5/20000'	29.80"	29
8:45pm NE6	8AM	65°	CLOUDY	CALM	73%	56°	15/4100'	29.84"	30

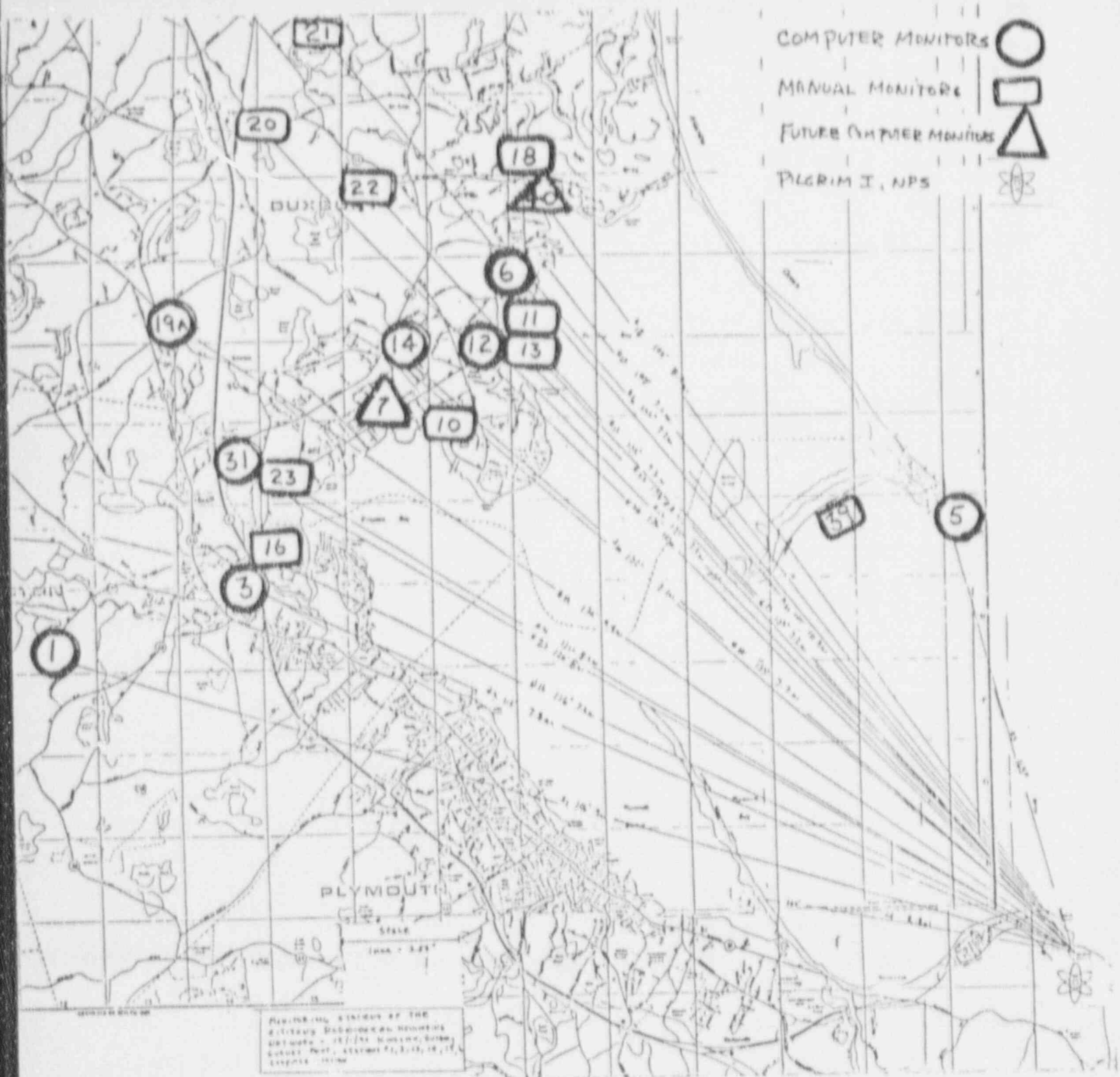
ALIGN RIGHT EDGE OF THIS FORM WITH BOTTOM CALIBRATED LINE OF THE COMPUTER REPORTING FORMS TO CORRELATE RADIATION ACTIVITY WITH WEATHER.

WEATHER RPT. (NAS SO. WEYMOUTH, MASS.)

JUN. 1991

STATION #31

ATE		TEMP. ERATURE	WIND CHILL	HUMIDITY	DEW POINT	BAROMETRIC PRESSURE	WIND SPEED DIRECTION	TIME
1	P. CLOUDY	60°	—	73%	51°	29.81 IN	CALM	11:57 PM
2	P. CLOUDY	68°	—	52%	49°	29.76 IN	NW-3	11:52 PM
3	P. CLOUDY	61°	—	86%	57°	29.69 IN	S-6	11:02 P.
4	L. RAIN	50°	—	82%	45°	29.88 IN	NE-8	11:04 P.
5	M. CLOUDY	49°	—	77%	42°	30.5 IN	CALM	11:57 PM
6	CLOUDY	59°	—	64%	47°	30.21 IN	CALM	11:52 PM
7	P. CLOUDY	59°	—	68%	48°	30.04 IN	S.W-5	11:58 PM
8	CLEAR	60°	—	76%	52°	29.96 IN	W-3	11:53 PM
9	CLOUDY	58°	—	76%	50°	30.15 IN	SW-10	11:52 PM
10	P. CLOUDY	70°	—	76%	62°	29.92 IN	SW-9	11:52 P.
11	M. CLOUDY	77°	—	63%	63°	29.77 IN	SW-12	11:37 PM
12	P. CLOUDY	55°	—	74%	47°	29.68 IN	W-12	11:58 PM
13	CLEAR	58°	—	50%	39°	29.95 IN	W-5	11:29 P.
14	CLEAR	57°	—	63%	44°	29.95 IN	CALM	11:52 P.
15	} VACATION							
22								
23								
24								
25	CLEAR	63°	—	73%	54°	30.17 IN	SW-6	11:27 PM
26	CLEAR	67°	—	62%	53°	30.12 IN	SW-6	11:51 P.
27	M. CLOUDY	76°	—	65%	63°	30.05 IN	SW-7	11:29 PM
28	P. CLOUDY	78°	—	63%	64°	29.76 IN	W-8	11:55 PM
29	M. CLOUDY	66°	—	64%	53°	29.89 IN	SE-2	11:29 PM
30	CLEAR	67°	—	85%	52°	29.81 IN	CALM	11:45 P.



Robert Borey:

These maps show the latest deployment of our monitoring system. #39 went on line June 23rd 1991, #40 and 26 will be computerized in the near future; we have the computers on hand.

In about 3 weeks time, all of our computer stations will be equipped with Vista 1600's (tech sheet enclosed). In addition, we now have software that records radiation minute by minute, but it is also record all the weather data every ten

COMPUTER MONITORS



MANUAL MONITORS



FUTURE COMPUTER MONITORS



PILGRIM I, N.P.S.



82° 24' 30" W

82° 27' 30" W

82° 30' 30" W

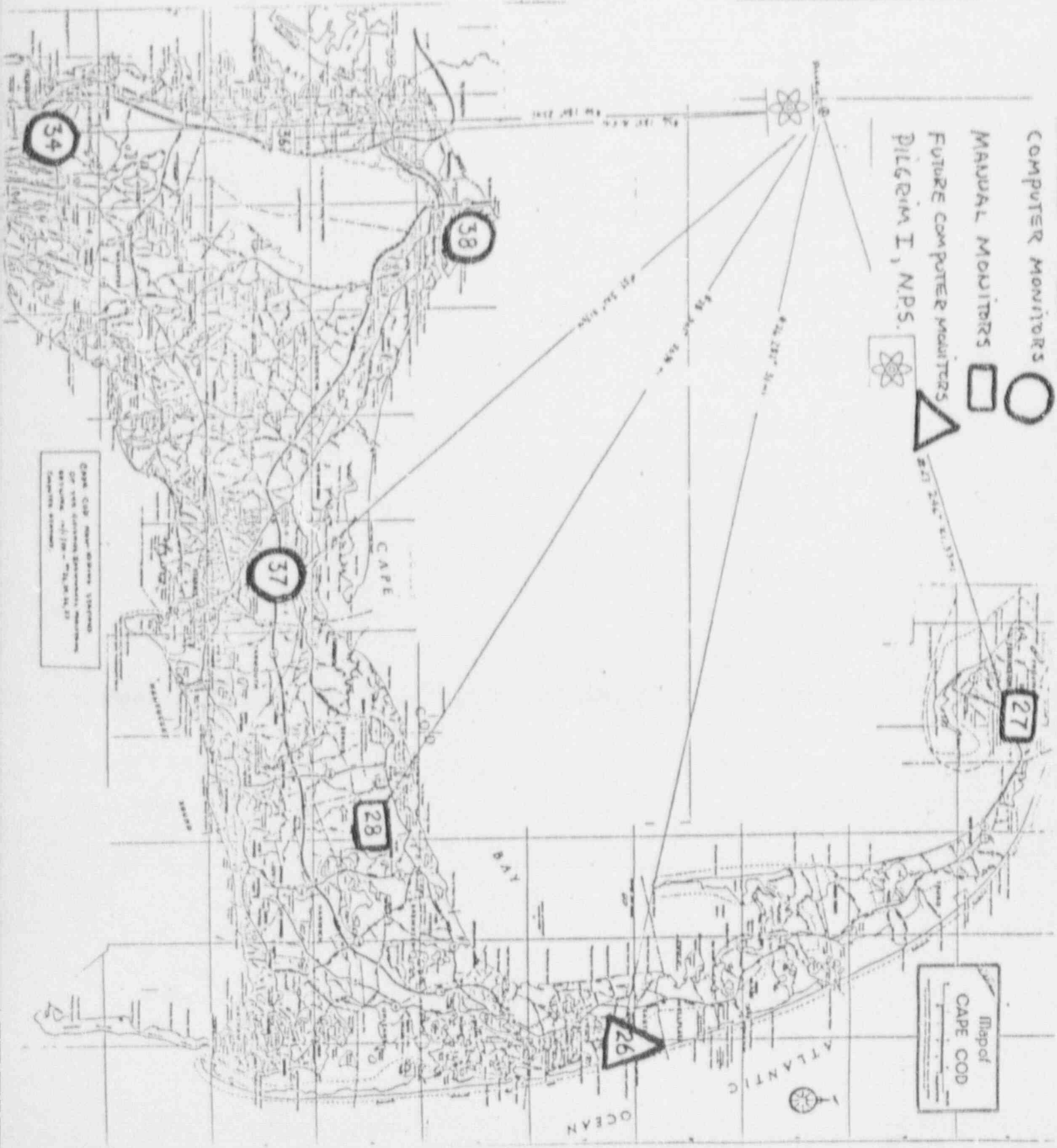
82° 33' 30" W



27



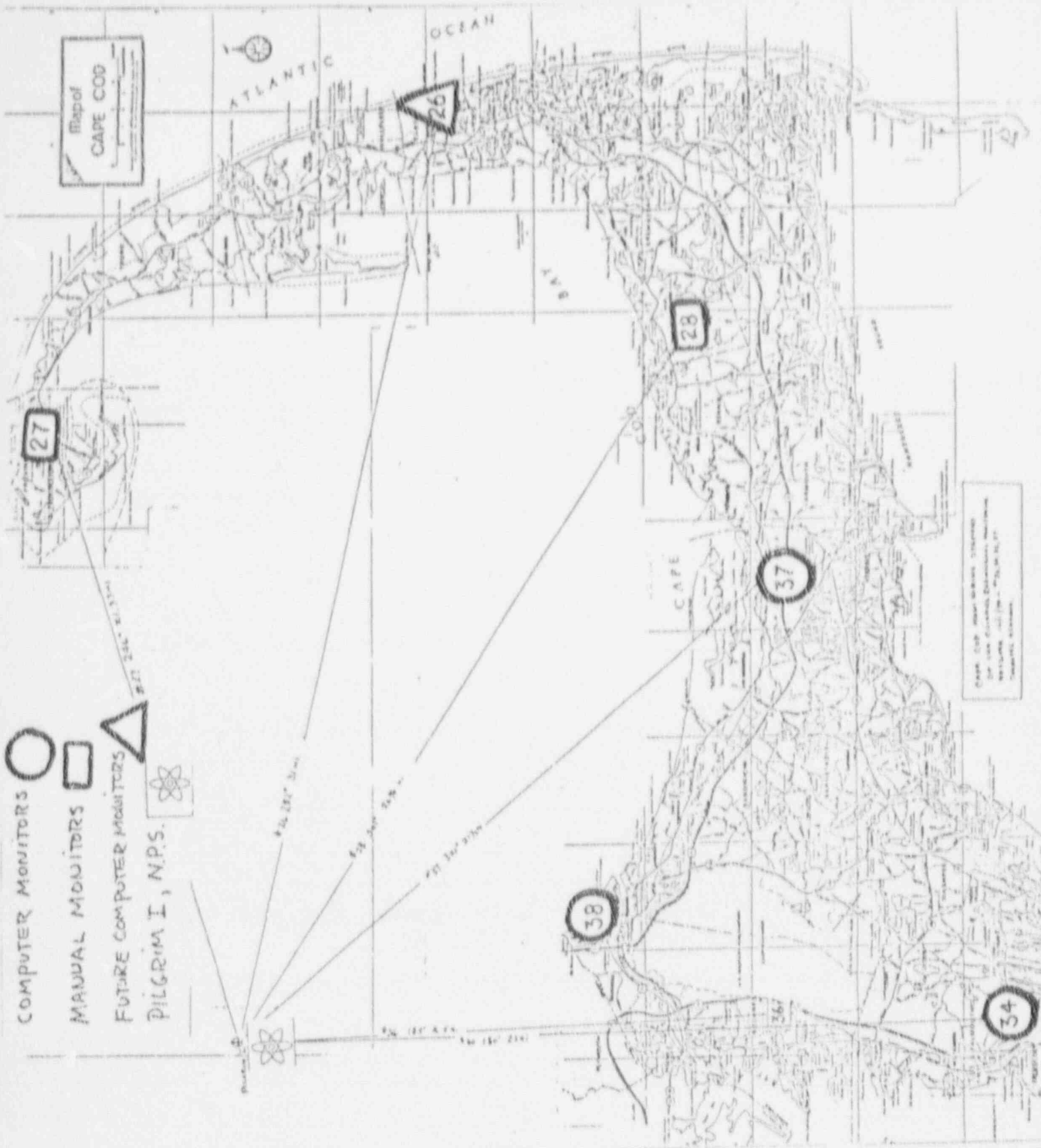
26



CAPE COD MAP-ORANGE VERSION
OF THE GREEN BRASSHILL MAPS
REVISED 1970 - "ALM 14.23"
COPYRIGHT SYSTEMS

- COMPUTER MONITORS
- MANUAL MONITORS
- △ FUTURE COMPUTER MONITORS
- ☼ PILGRIM I, N.P.S.

Map of
CAPE COD



CAPE COD MAP REPRODUCED
FOR THE DISTRICT ENGINEERING CENTER
BOSTON, MASS. FROM THE
NATIONAL ARCHIVES

International Medcom

7497 Kennedy Rd., Sebastopol, CA 95472 • (707) 823-0336 • Fax: (707) 823-7207

April 26, 1991

New Product Announcement

International Medcom announces a new and unique probe for monitoring radiation in the environment. The VISTA 1600 ENVIRONMENTAL RADIATION PROBE is designed to be permanently mounted outdoors for measuring ambient levels of ionizing radiation. It is sensitive to alpha, beta, gamma and x radiation. The probe connects to any IBM (TM) compatible computer for recording, displaying and analyzing the collected data.

The VISTA 1600 provides good sensitivity to low level radioactive sources including most common alpha and beta emitting isotopes. Sensitivity is good for Xenon 133 and other noble gases.

Specifications:

Detector type:	Geiger Mueller tube with large diameter mica window. Stainless steel housing. Halogen quenched for long life.
Window Aperture:	1600 sq. mm. (45 mm diameter)
Window density:	1.5 to 2.0 mg/cm ²
Cesium ¹³⁷ sensitivity:	3,500 counts per minute per mR/hr
Operating temperature range:	-40 to +70 degrees Centigrade
Size:	80 mm x 120 mm x 95 mm (plus mounting bracket) Mounting bracket can be customized for specific applications.
Weight:	1.12 Kg (2.5 lbs.)

Environmental Protection:

The detector and electronics are housed in a rugged die cast aluminum housing. A specially engineered shield protects the mica window from damage while providing high sensitivity to low level radiation. The electronics are sealed to protect from the effects of precipitation and moisture, and are shielded and electronically protected from radio frequency interference. The cable and connectors are waterproof and resistant to ultraviolet radiation. A durable aluminum bracket allows the probe to be mounted to a vertical or horizontal surface.

Software:

Software is available to accomplish a number of tasks including statistical analysis and plotting of recorded data. One program will also dial telephone numbers to notify a network if a preset threshold is exceeded, and activate a pump for automatic air sample collection. Meteorological data (wind speed and direction, and barometric pressure) can also be collected and integrated with the radiation data. Contact International Medcom for information on software available for the VISTA 1800.

For further information contact:

Dan Sythe
President
International Medcom
7497 Kennedy Rd.
Sebastopol, CA 95472

Tel: 707 823-0336
Fax: 707 823-7207

*We will be deploying this device on
all of our computer stations within the month.*

DYz