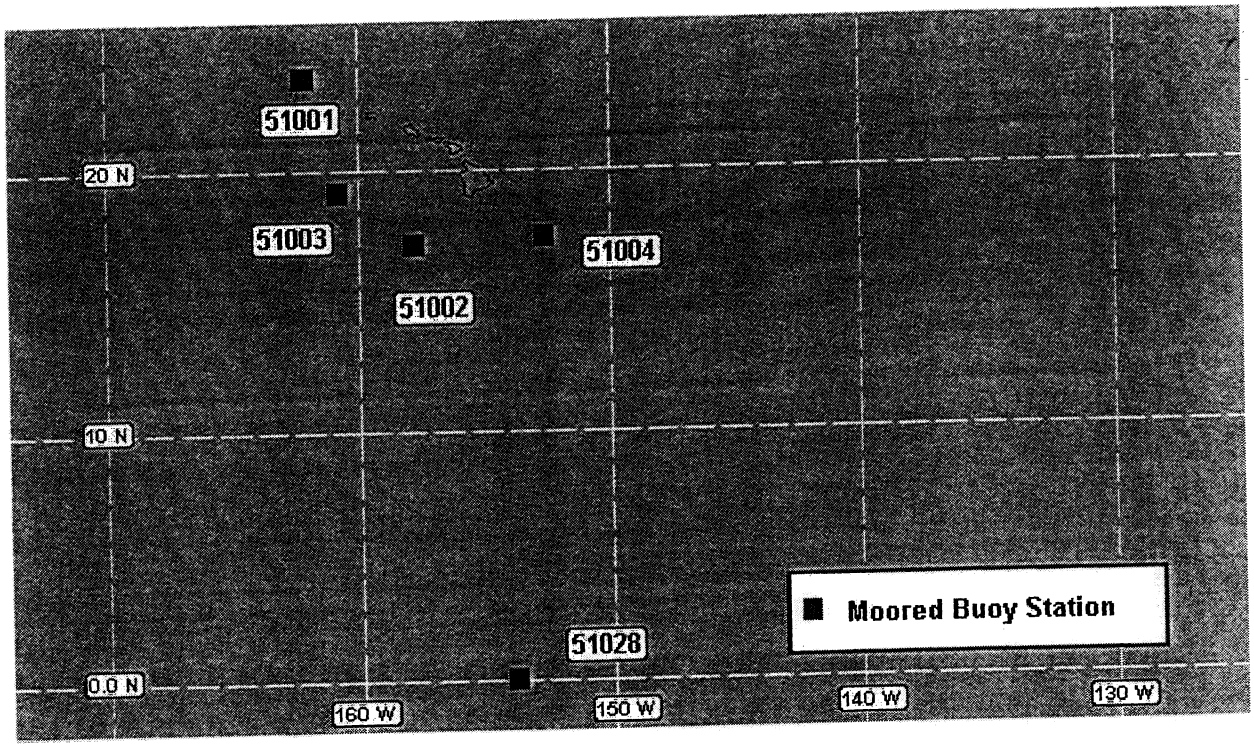
National Data Buoy Center

Hawaiian Island

Center of Excellence in Marine Technology

To view Station Information, click a station or enter a Station ID: Go Clear Station ID Search



This page was last modified on Thursday, 04-Jan-01 12:50:34 CST

51003 19.1N 160.7W (19°10'17"N 160°43'47")

200 nm By 230

ENCLOSURE (35)

Friday, 9 February 2001

Astronomical Data

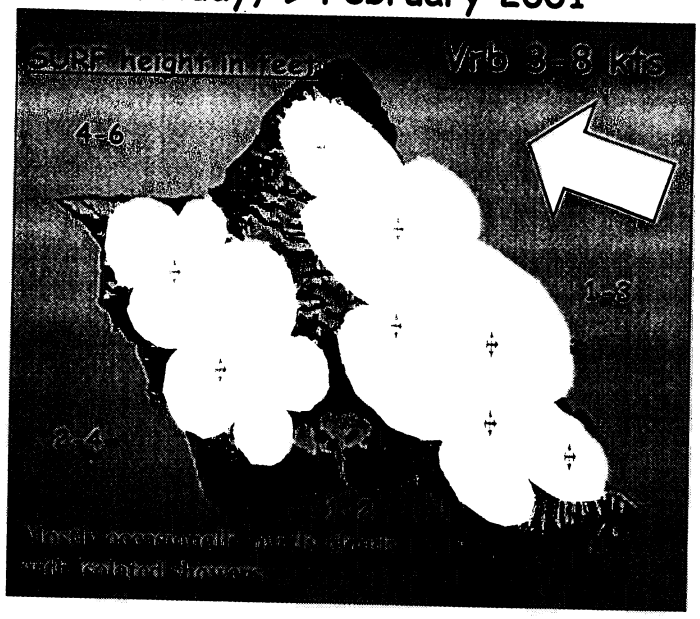
Sunset:	09/1827W
Sunrise:	10/0705W
Moonrise:	09/2025W
Moonset:	09/0829W
Illum:	99%

Yesterday's Max/Min

Max:	79 °F
Min:	63 °F

Today's Max/Min

Max:	79°F
Min:	63°F



Precipitation

Yesterday (NPMOC): .05 in.
Yesterday (AIRPORT): .03 in.

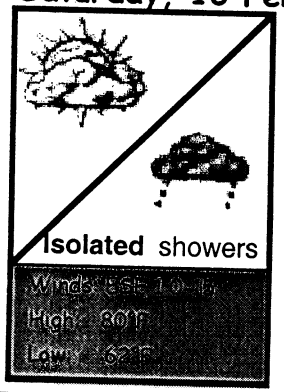
Local Warnings

Thunderstorm I: VT 0800L-1400L.
Thunderstorm II: VT 0415L-1615L.
Small Craft Warning: None.

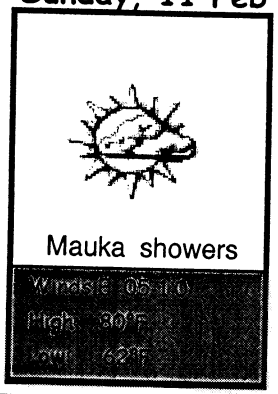
Tropical Warning: None.

Satellite Imagery

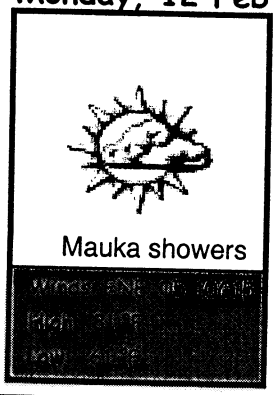
Saturday, 10 Feb



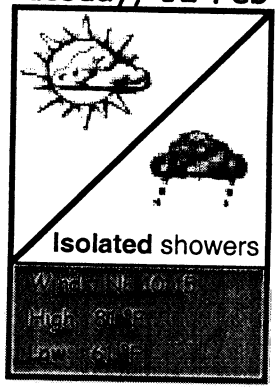
Sunday, 11 Feb



Monday, 12 Feb



Tuesday, 12 Feb



METEOROLOGICAL OUTLOOK: A pair of low pressure systems to the north and west of the Hawaiian Islands influences our local weather. These lows will bring increased shower activity and moisture to the local area till Saturday. As the low to the north weakens and moves northwest weak trades will reestablish themselves over the islands by late Friday night. These trades will remain weak as a low pressure system with associated shearline passes to the North. ~~With isolated showers~~ Tuesday as the trades strengthen under the influence of migratory high from the west.

NEW: Click on the **underlined blue text** for hyperlink to NPMOC products.

Forecaster: AG2 Mechanic Team: 3

Command Duty Officer: LT MOHAMMED

NAVSAR

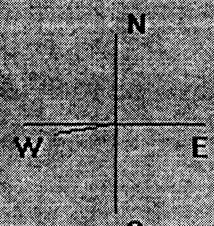
File Input Select View Options Help

UNCLASSIFIED - NAVSAR - (Quick Set and Drift)

Quick Set And Drift Displays - 091530 FEB2001

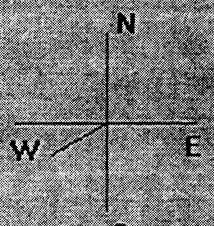
Search Object: Person in the Water

Sea Current



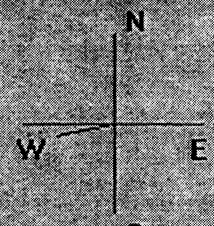
2.00 KTS 260 DEG

Wind



10.00 KTS 60 DEG

Displacement (at T+1 hour)



2.19 KTS 258 DEG

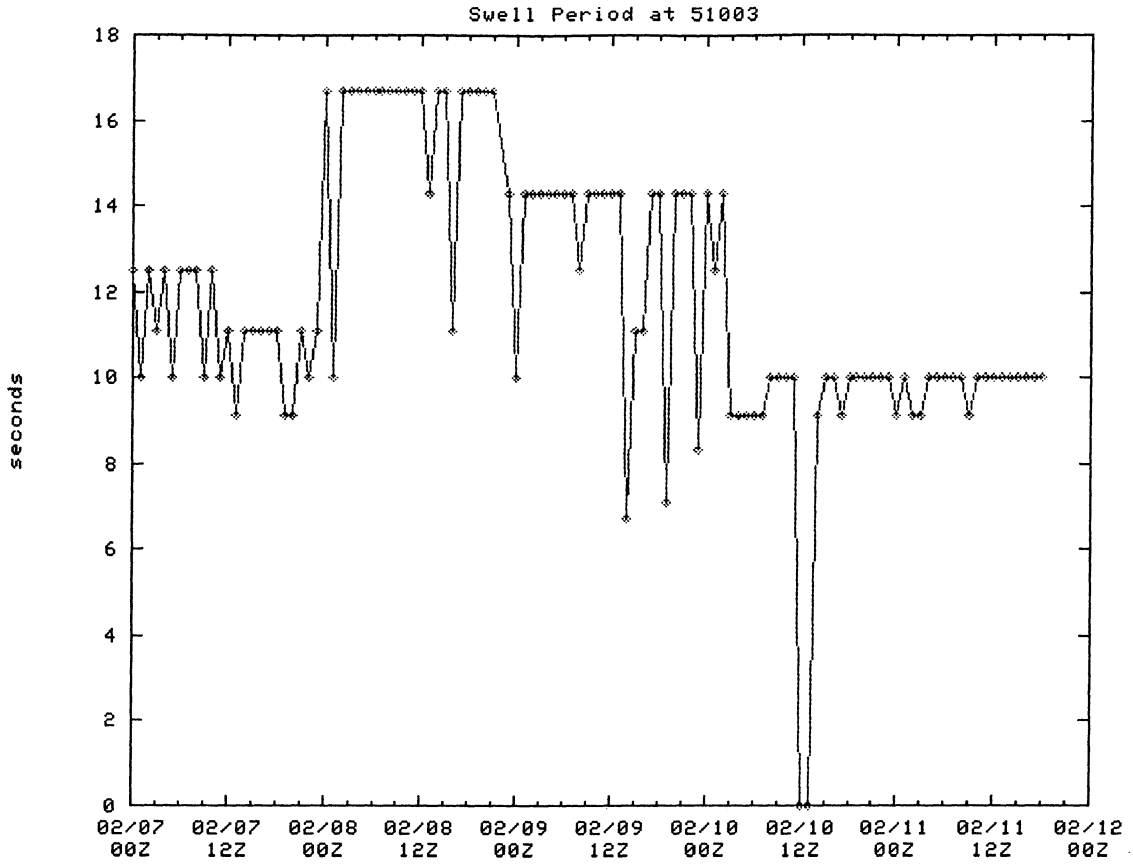
Expected Position Of Search

Time (T+hrs)	Latitude (dd mm h)	Longitude (ddd mm h)
T=0	21 05 N	157 49 W
T+1	21 05 N	157 51 W
T+2	21 04 N	157 54 W
T+3	21 04 N	157 56 W
T+6	21 02 N	158 03 W
T+12	21 00 N	158 17 W
T+24	20 54 N	158 44 W

Close

Help

ENCLOSURE(35)



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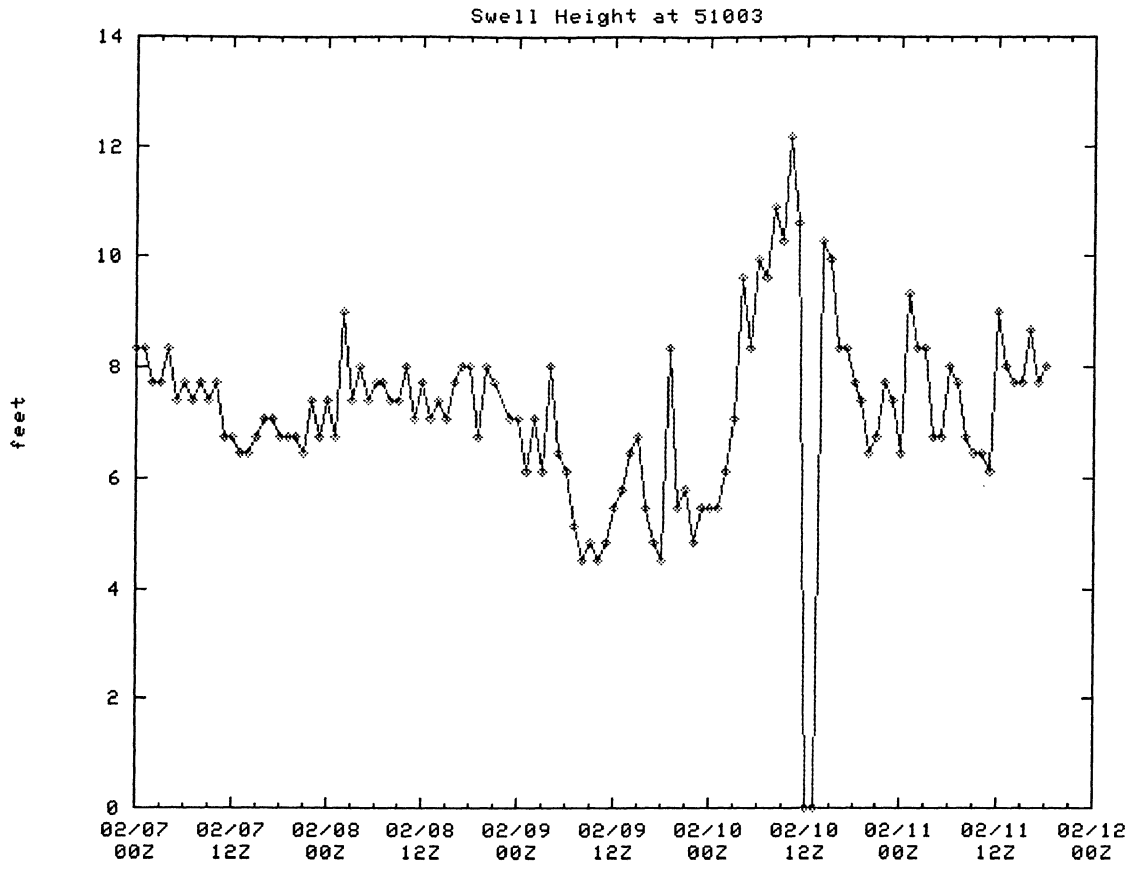

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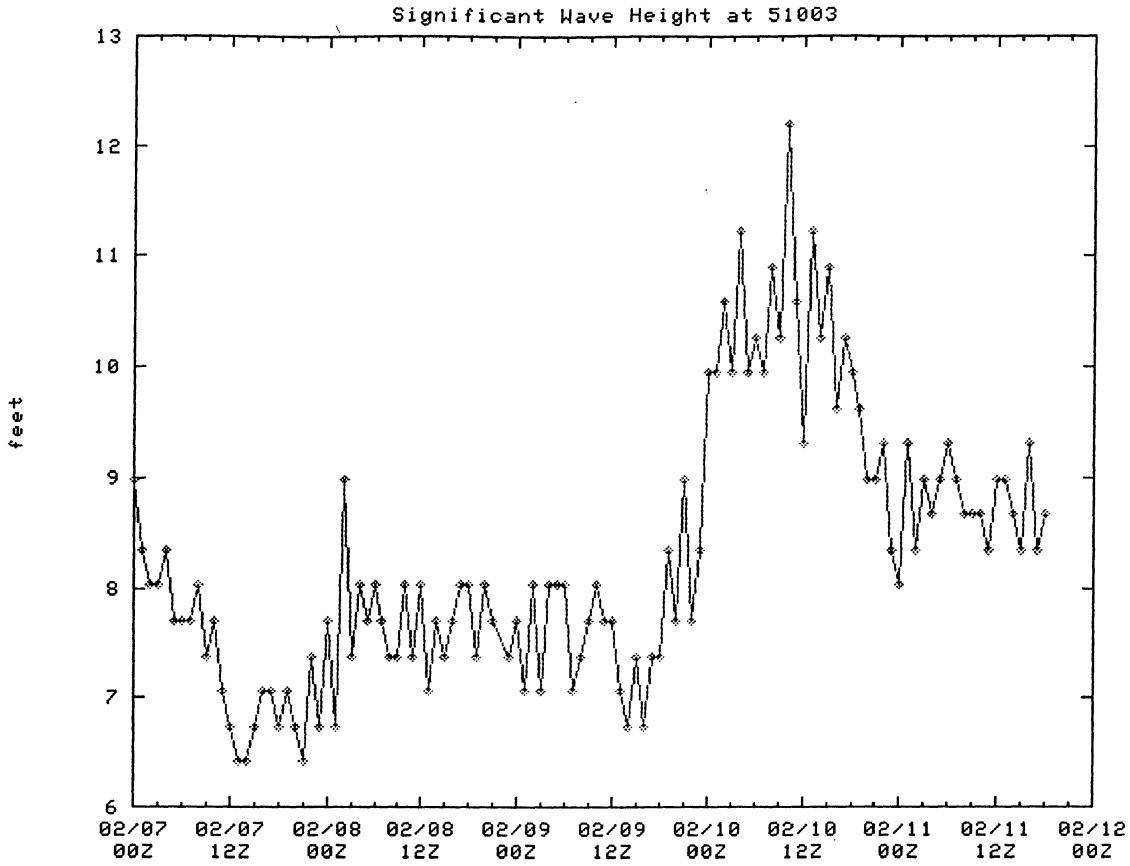

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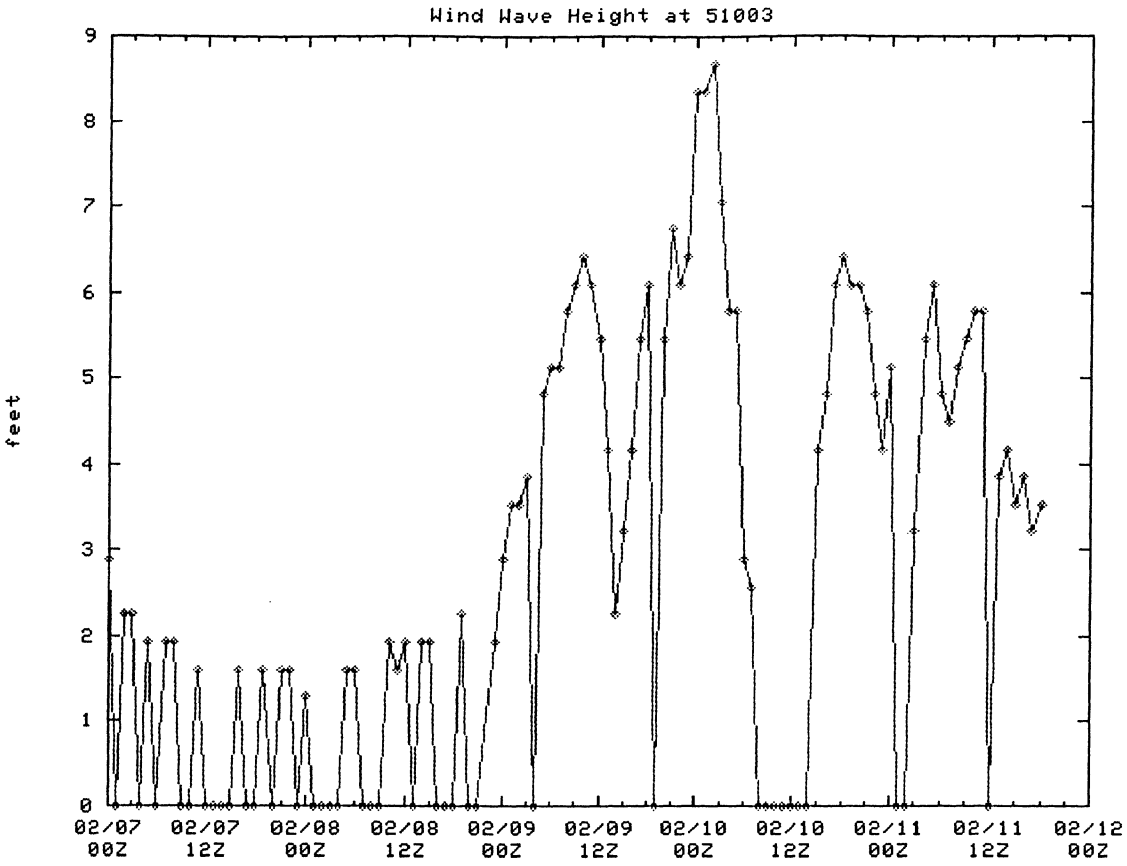

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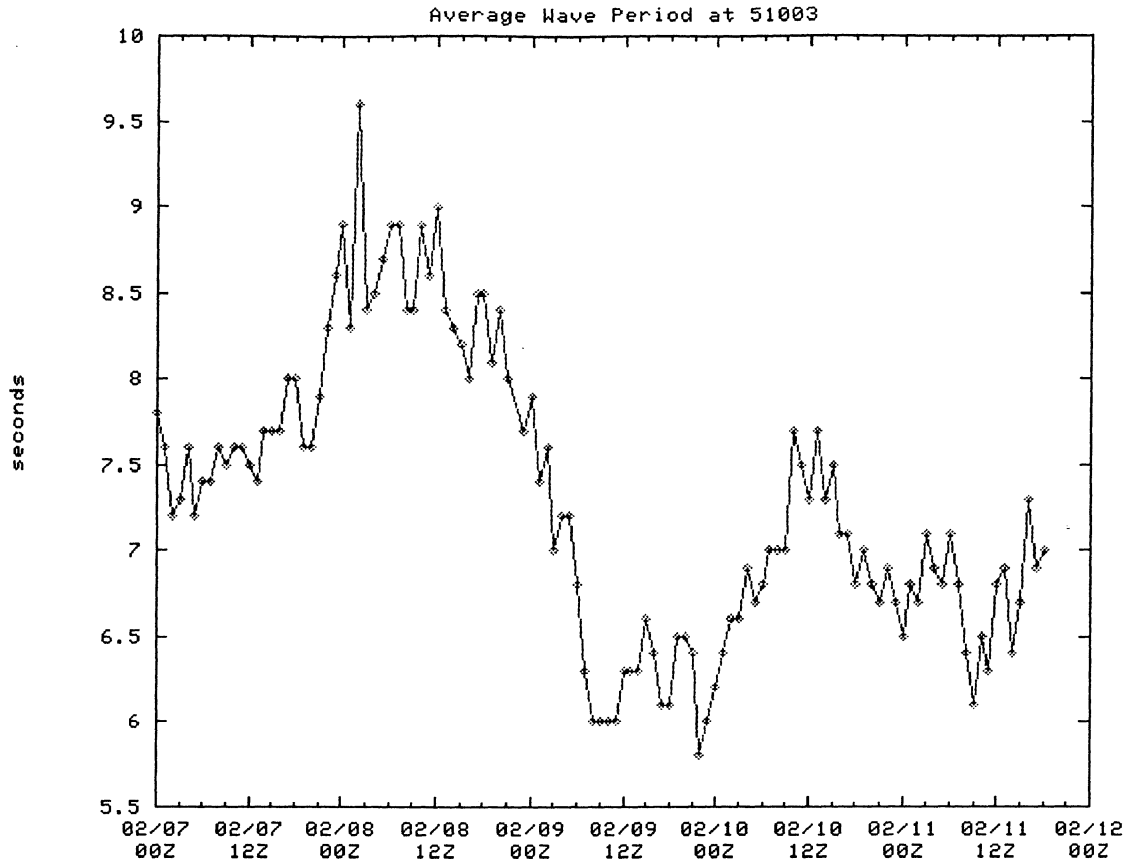

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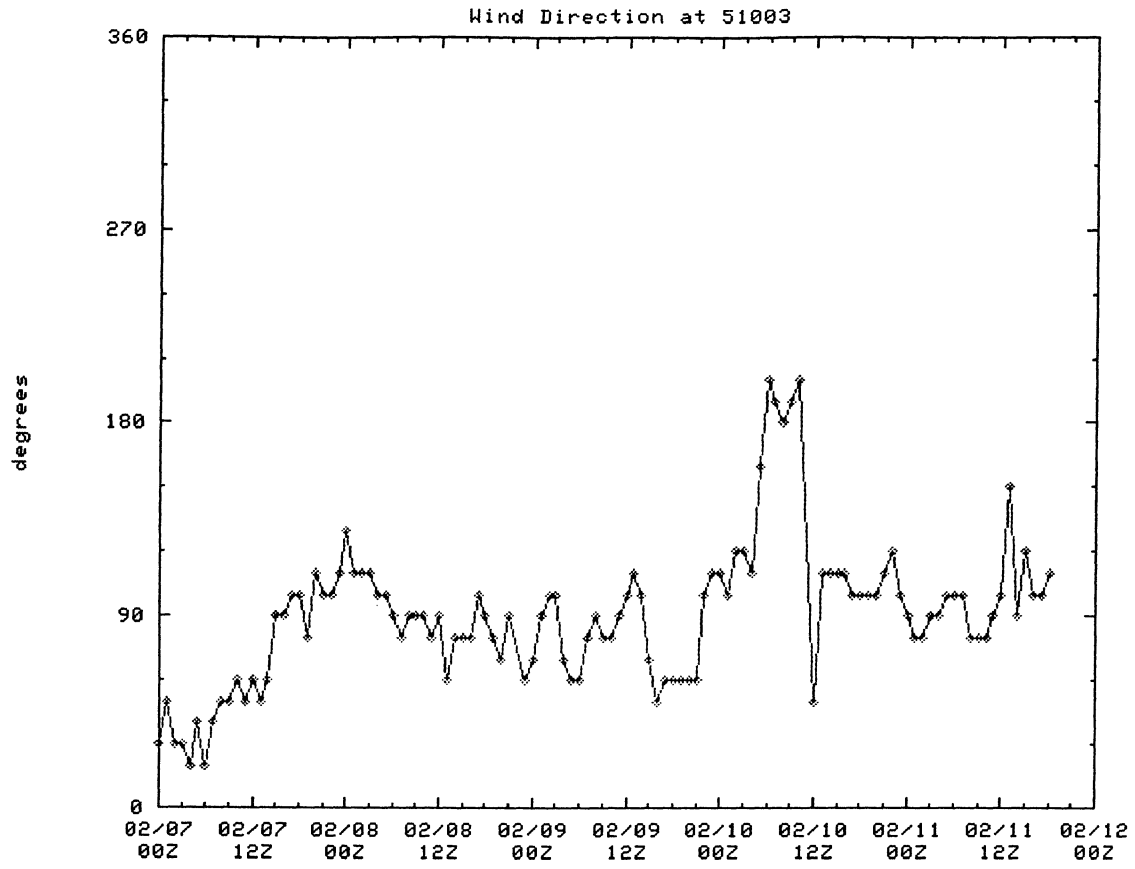

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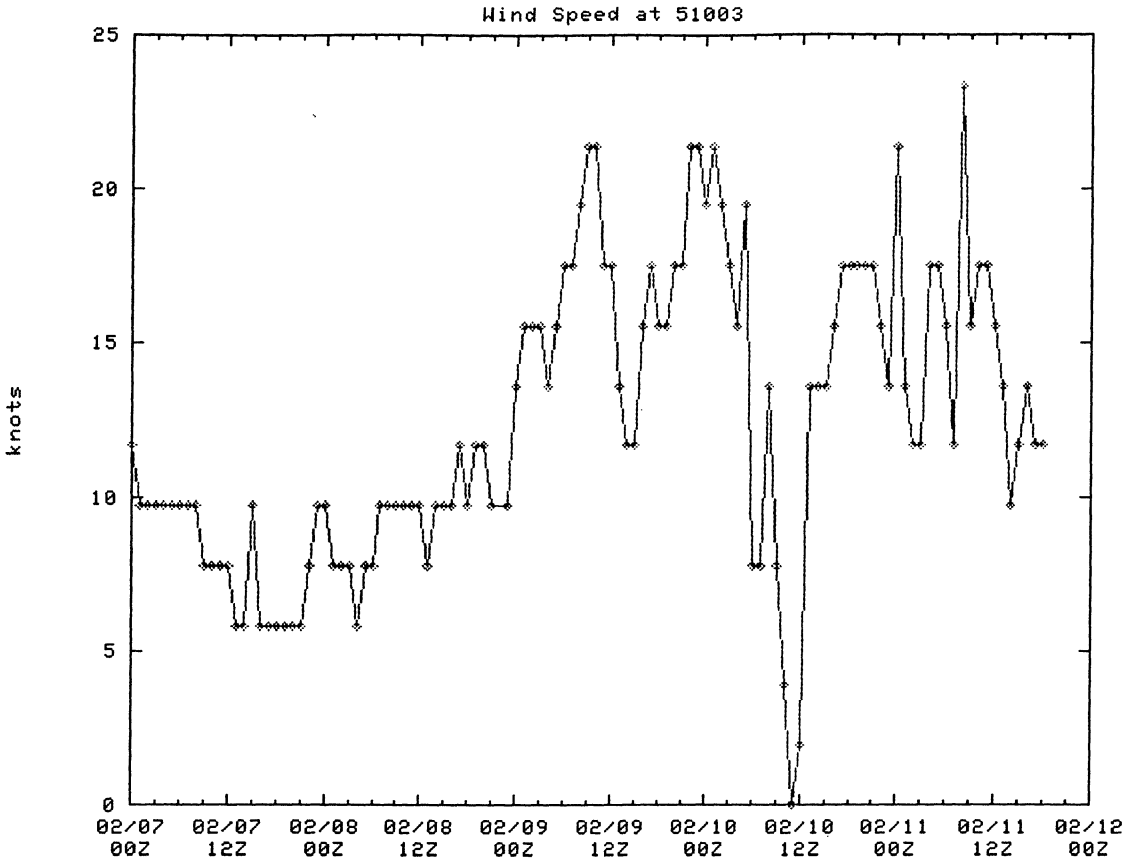

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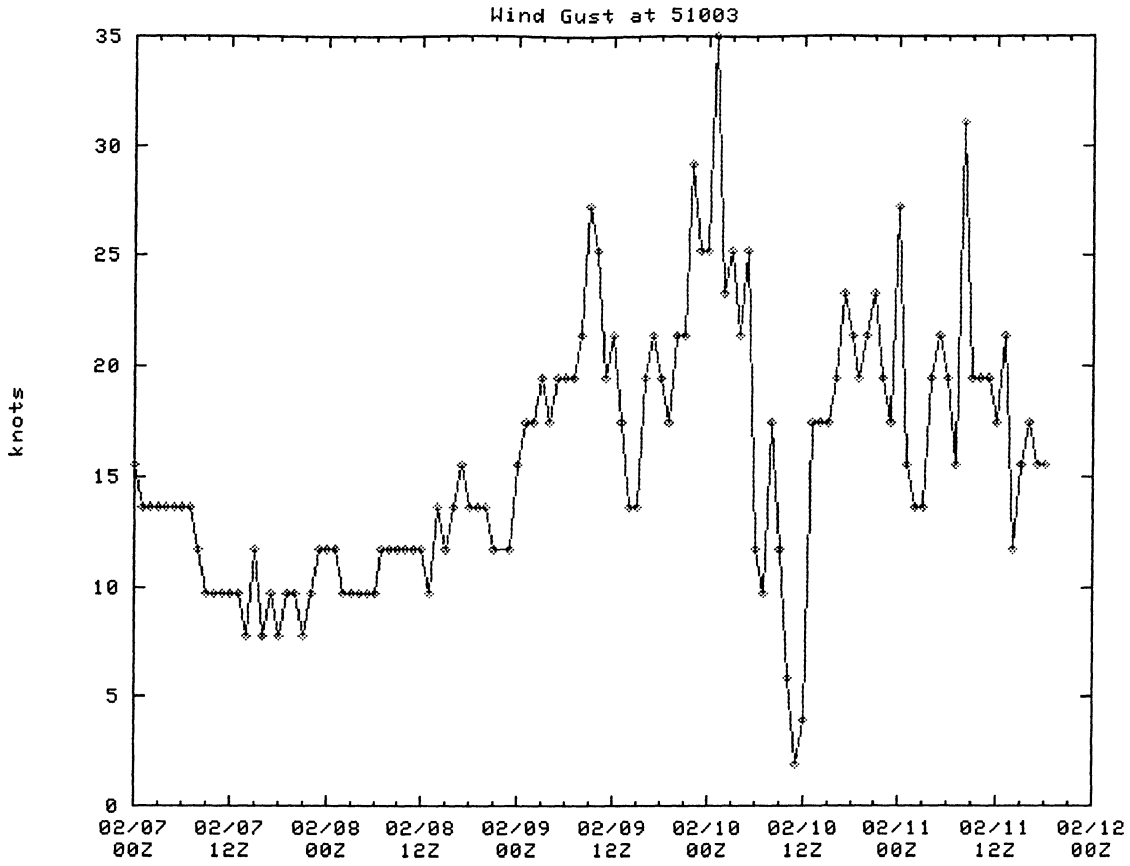

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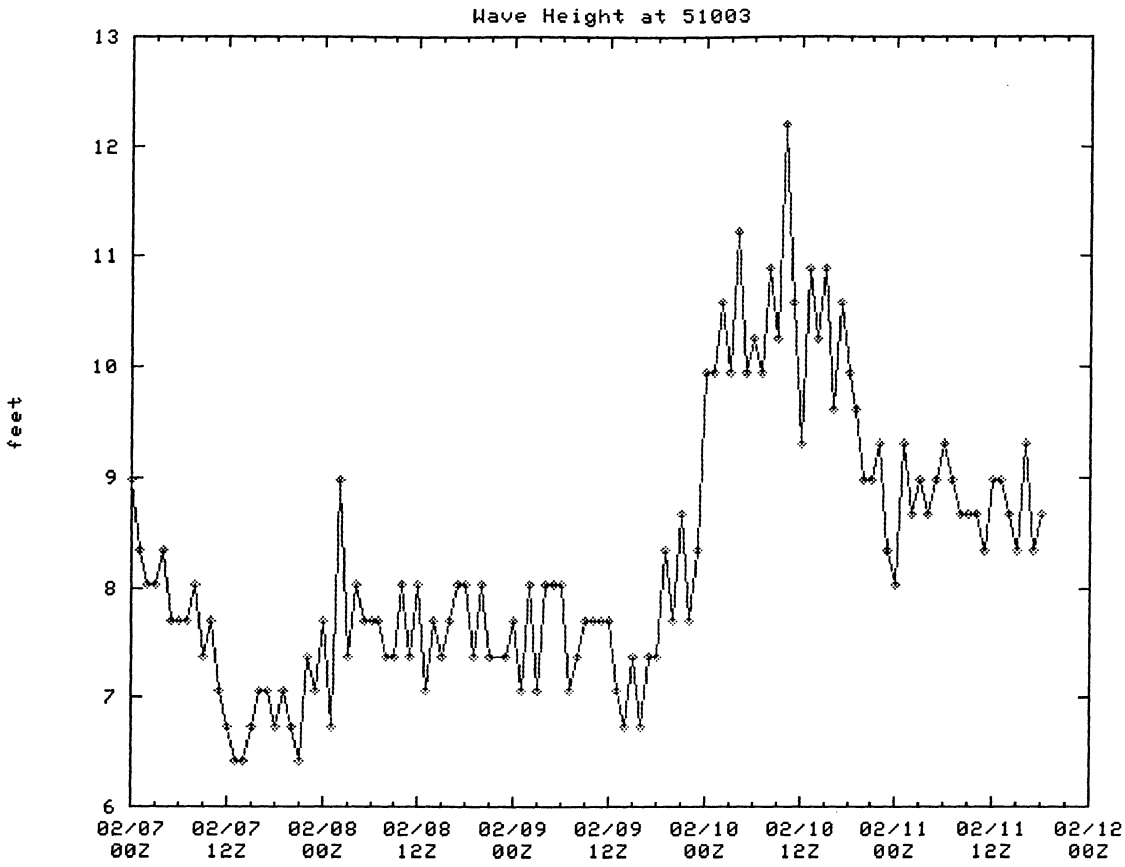

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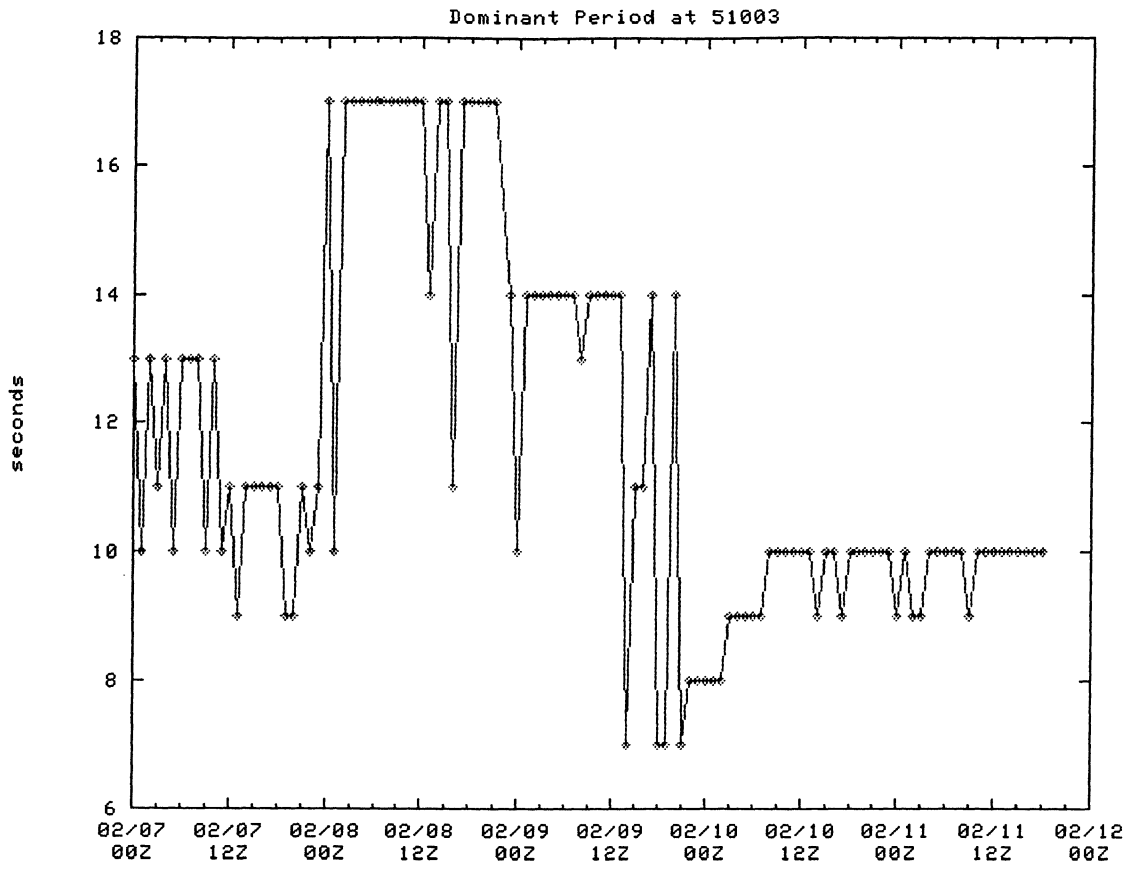
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16
14
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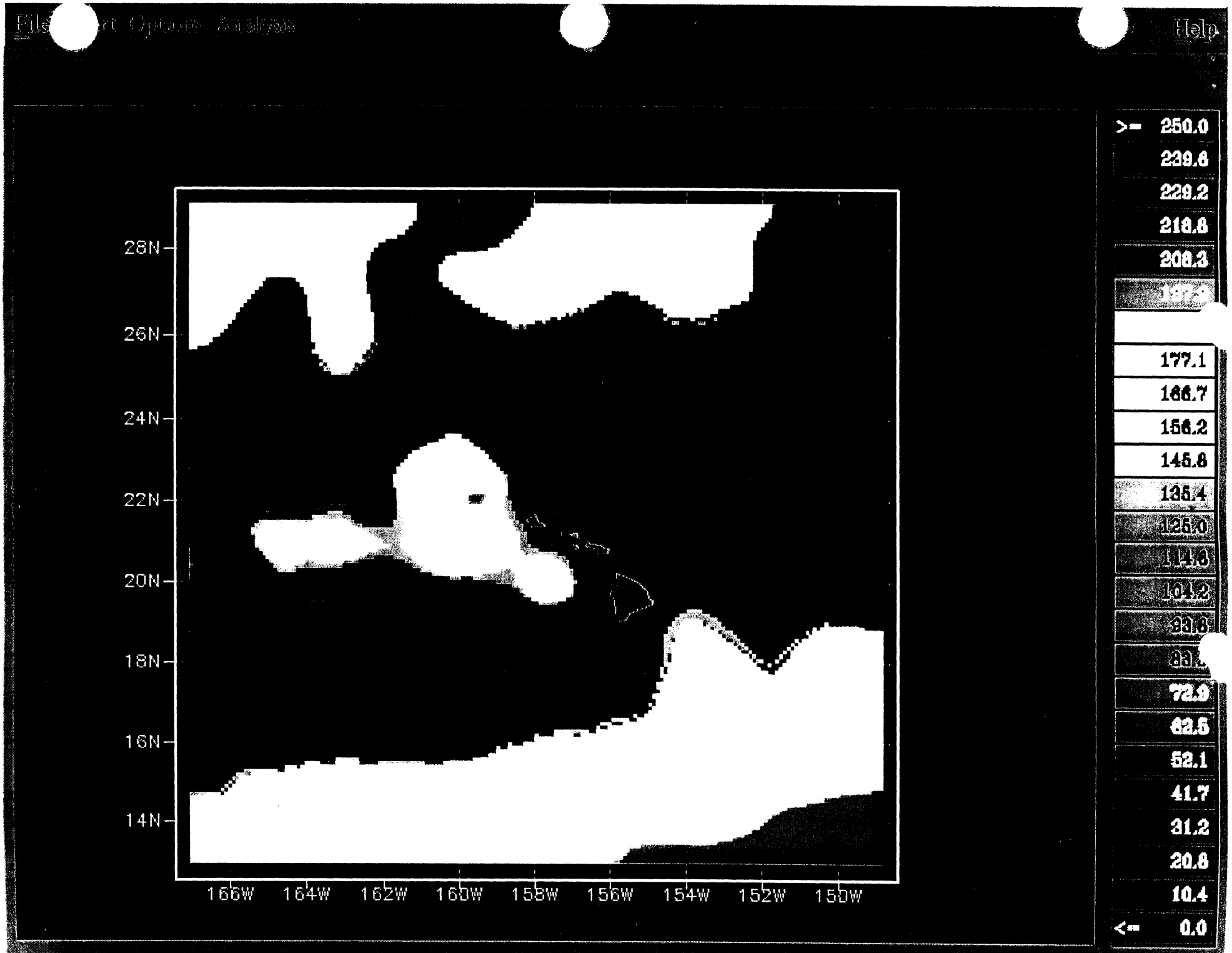
Help
>= 250.0
239.6
229.2
218.8
208.3
177.1
166.7
156.2
145.8
135.4
125.0
114.6
104.2
93.8
72.9
62.5
52.1
41.7
31.2
20.8
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162W
160W
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154W
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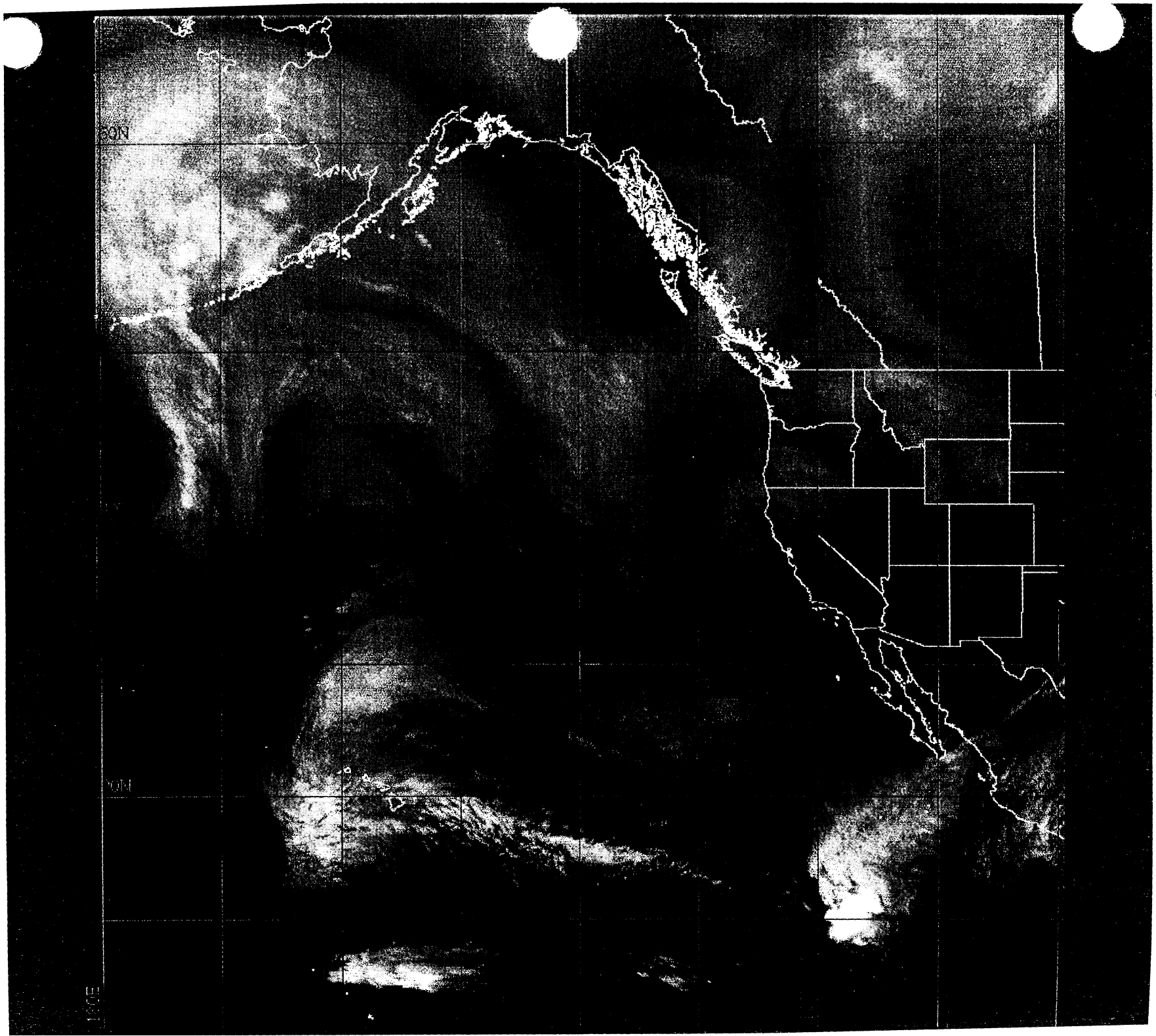
150W

10 Feb 0700

VIS



10
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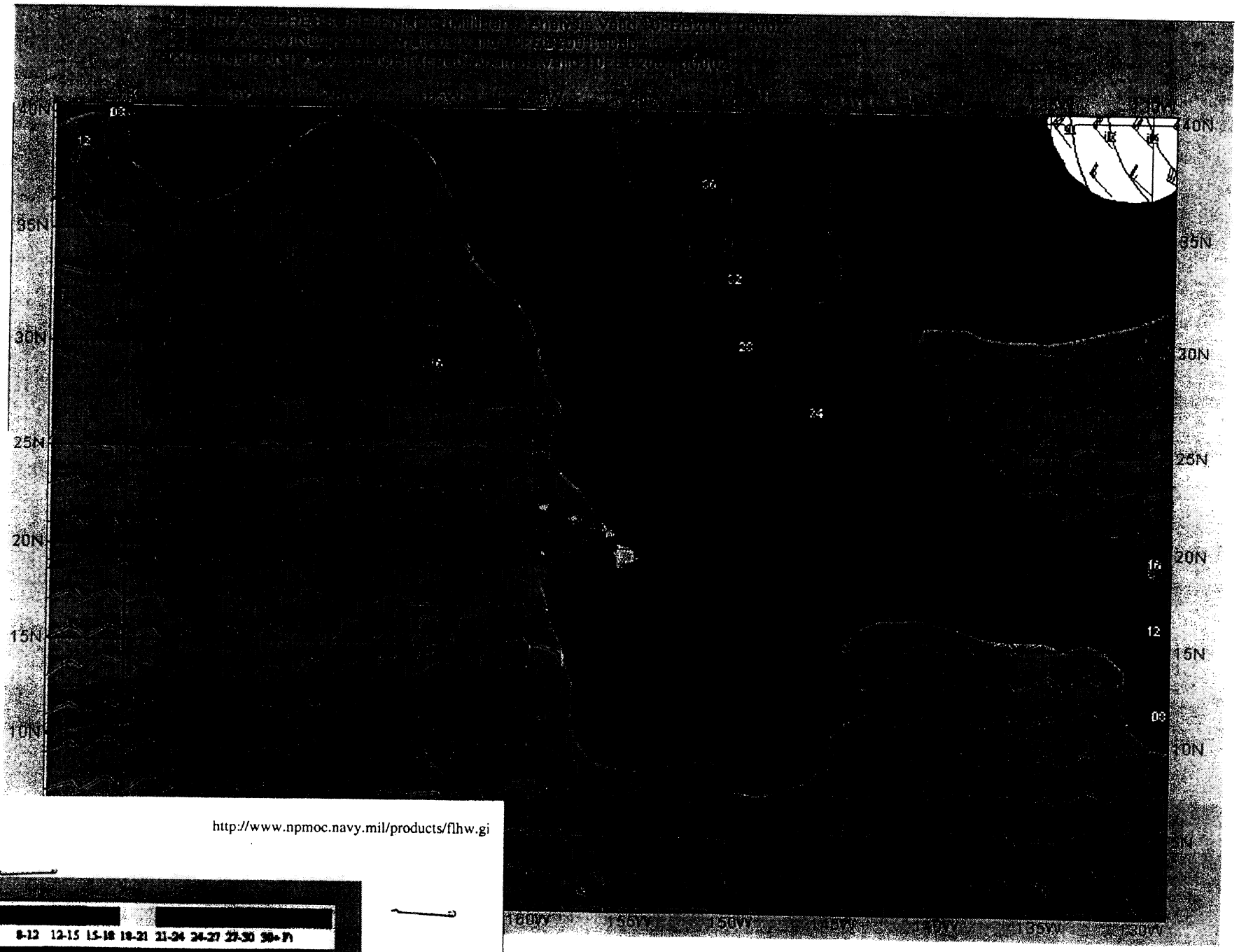
WV
Water Vapor

10 FEB 0027 IR



http://www.npmoc.navy.mil/products/flhw.gi

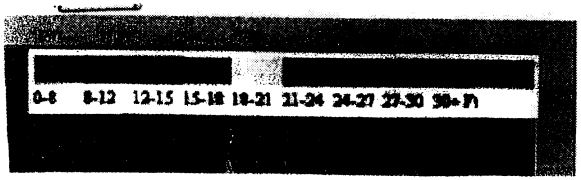


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TABLE 12

Distance of the Horizon

Height Feet	Nautical miles	Statute miles	Height *meters*	Height Feet	Nautical miles	Statute miles	Height *meters*
1	1.2	1.3	.30	120	12.8	14.7	36.58
2	1.7	1.9	.61	125	13.1	15.1	38.10
3	2.0	2.3	.91	130	13.3	15.4	39.62
4	2.3	2.7	1.22	135	13.6	15.6	41.15
5	2.6	3.0	1.52	140	13.8	15.9	42.67
6	2.9	3.3	1.83	145	14.1	16.2	44.20
7	3.1	3.6	2.13	150	14.3	16.5	45.72
8	3.3	3.8	2.44	160	14.8	17.0	48.77
9	3.5	4.0	2.74	170	15.3	17.6	51.82
10	3.7	4.3	3.05	180	15.7	18.1	54.86
11	3.9	4.5	3.35	190	16.1	18.6	57.91
12	4.1	4.7	3.66	200	16.5	19.0	60.96
13	4.2	4.9	3.96	210	17.0	19.5	64.01
14	4.4	5.0	4.27	220	17.4	20.0	67.06
15	4.5	5.2	4.57	230	17.7	20.4	70.10
16	4.7	5.4	4.88	240	18.1	20.9	73.15
17	4.8	5.6	5.18	250	18.5	21.3	76.20
18	5.0	5.7	5.49	260	18.9	21.7	79.25
19	5.1	5.9	5.79	270	19.2	22.1	82.30
20	5.2	6.0	6.10	280	19.6	22.5	85.34
21	5.4	6.2	6.40	290	19.9	22.9	88.39
22	5.5	6.3	6.71	300	20.3	23.3	91.44
23	5.6	6.5	7.01	310	20.6	23.7	94.49
24	5.7	6.6	7.32	320	20.9	24.1	97.54
25	5.9	6.7	7.62	330	21.3	24.5	100.58
26	6.0	6.9	7.92	340	21.6	24.8	103.63
27	6.1	7.0	8.23	350	21.9	25.2	106.68
28	6.2	7.1	8.53	360	22.2	25.5	109.73
29	6.3	7.3	8.84	370	22.5	25.9	112.78
30	6.4	7.4	9.14	380	22.8	26.2	115.82
31	6.5	7.5	9.45	390	23.1	26.6	118.87
32	6.6	7.6	9.75	400	23.4	26.9	121.92
33	6.7	7.7	10.06	410	23.7	27.3	124.97
34	6.8	7.9	10.36	420	24.0	27.6	128.02
35	6.9	8.0	10.67	430	24.3	27.9	131.06
36	7.0	8.1	10.97	440	24.5	28.2	134.11
37	7.1	8.2	11.28	450	24.8	28.6	137.16
38	7.2	8.3	11.58	460	25.1	28.9	140.21
39	7.3	8.4	11.89	470	25.4	29.2	143.26
40	7.4	8.5	12.19	480	25.6	29.5	146.30
41	7.5	8.6	12.50	490	25.9	29.8	149.35
42	7.6	8.7	12.80	500	26.2	30.1	152.40
43	7.7	8.8	13.11	510	26.4	30.4	155.45
44	7.8	8.9	13.41	520	26.7	30.7	158.50
45	7.8	9.0	13.72	530	26.9	31.0	161.54
46	7.9	9.1	14.02	540	27.2	31.3	164.59
47	8.0	9.2	14.33	550	27.4	31.6	167.64
48	8.1	9.3	14.63	560	27.7	31.9	170.69
49	8.2	9.4	14.94	570	27.9	32.1	173.74
50	8.3	9.5	15.24	580	28.2	32.4	176.78
55	8.7	10.0	16.76	590	28.4	32.7	179.83
60	9.1	10.4	18.29	600	28.7	33.0	182.88
65	9.4	10.9	19.81	620	29.1	33.5	188.98
70	9.8	11.3	21.34	640	29.5	34.1	195.07
75	10.1	11.7	22.86	660	30.1	34.6	201.17
80	10.5	12.0	24.38	680	30.5	35.1	207.26
85	10.8	12.4	25.91	700	31.0	35.6	213.36
90	11.1	12.8	27.43	720	31.4	36.1	219.46
95	11.4	13.1	28.96	740	31.8	36.6	225.55
100	11.7	13.5	30.48	760	32.3	37.1	231.65
105	12.0	13.8	32.00	780	32.7	37.6	237.74
110	12.3	14.1	33.53	800	33.1	38.1	243.84
115	12.5	14.4	35.05	820	33.5	38.6	249.94