

MF 99-06

## WEATHER OBSERVATIONS

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Cast No	Date	Time (GMT)	Temperature (°C)		Bar. Press. (mb)	Seas (CODE)	Vis (CODE)	Winds		Clouds		Weather (CODE)
			Dry	Wet				Dirn (true)	Speed (kts)	Amt	Type (CODE)	
001	5/2/99	1631	1.4	1.0	1013.2	3	7	290	15	4	8	1
002	"	2015	1.4	1.0	1015.7	3	7	310	22	8	6	2
004	"	2240	-1.0	-2.0	1016.1	3	7	300	20	5	3	1
4-1	"	0130	-1.2	-1.2	1016.9	4	7	300	18.9	8	4	2
5-1	"	0322	-1.9	-1.8	1016.4	5	7	310	22	8	4	2
6-15	5/3/99	1816	-2.6	-2.4	1021.8	4	7	317	20	8	4	2
7-1	"	2157	-1.8	-1.4	1021.9	4	7	320	26	8	4	2
8-1	5/4/99	0205	-2.6	-2.6	1022.0	4	7	320	30	8	4	2
9-1	5/4/99	0725	-3.0	-3.0	1023.8	5	7	323	31	8	4	2
10-1	"	1400	-2.1	-2.1	1024.6	4	7	235	30	8	4	2
11-1	"	1950	-3.6	-3.2	1025.9	4	7	339	20	8	4	2
12-1	5/5/99	0000	-2.1	-1.9	1025.5	3	7	317	17	3	3	1
13-1	"	0146	-2.0	-2.3	1025.1	3	7	310	15	3	3	1
14-1	"	0427	-1.0	-1.3	1024.2	3	7	300	12	3	3	1
15-1	"	0626	-0.8	-0.8	1024.1	3	7	282	12	3	3	1
18-8	"	1811	-2.0	-2.1	1022.1	3	7	336	17	8	8	2

\*\* IF SKY IS NOT VISIBLE, CLOUD AMOUNT = 9; OTHERWISE CLOUD AMOUNT SHOULD BE RECORDED IN EIGHTHS  
(EXAMPLE: CLOUD AMOUNT = 3/8; RECORD 3)

CODE	SEA STATE (FT)	VISIBILITY (NM)	CLOUD TYPE	WEATHER	CODE
0	0.0 feet - Glassy	< 0.02	OFFUS	CLEAR	0
1	0.0 - 0.3 feet - Rippled	0.02 - 0.10	OFFOCUMULUS	PARTLY CLOUDY	1
2	0.3 - 1.5 feet - Wavelet	0.10 - 0.25	CIRROSTRATUS	CONTINUOUS CLOUDS	2
3	1.5 - 4.1 feet - Slight	0.25 - 0.50	ALTOCUMULUS	BLOWING SNOW	3
4	4.1 - 8.2 feet - Moderate	0.50 - 1.00	ALTOSTRATUS	FOG, THICK DUST, HAZE	4
5	8.2 - 13.1 feet - Rough	1.00 - 2.00	NIMBOSTRATUS	DRIZZLE	5
6	13.1 - 19.7 feet - Very Rough	2.00 - 5.00	STRATOCUMULUS	RAIN	6
7	19.7 - 29.5 feet - High	5.00 - 10.00	STRATUS	SNOW OR RAIN/SNOW MIX	7
8	29.5 - 45.9 feet - Very High	10.00 - 25.00	CUMULUS	SHOWERS	8
9	> 45.9 feet - Phenomenal	> 25.00	CUMULONIMBUS	THUNDERSTORMS	9

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Cast No.	Date	Time (GMT)	Temperature (°C)	Bar. Press. (mb)	Seas (CODE)	Vis (CODE)	Winds	Clouds	Weather (CODE)
			Dry	Wet			Dirn (true) Speed (kts)	Amt ** Type (CODE)	
19-1	5/5/99	2245	-0.7	-0.7	3	7	313 18	8 6	2
20-1	5/6/99	0140	-0.2	-1.0	4	7	303 15.1	6 8/4	1
21-1	"	0324	-0.2	-1.0	4	7	312 21	5 8/7	1
22-1	"	0514	-0.2	-1.0	4	7	313 21	4 8	1
23-1	"	0716	0.2	0	4	7	317 18	7 8	1/2
24-1	"	0929	0.9	-0.2	4	7	322 20	5 6	1
25-1	"	1200	1.1	0.0	4	7	315 20	9	
26-1	"	1426	1.8	0.2	4	7	318 17	6 8	1
27-1	"	2331	1.1	-0.5	4	7	300 12	6 8	2
28-1	5/7/99	0133	0.5	-1.2	4	7	300 15	7 6	2
29-1	"	0252	0.1	-1.5	4	7	302 14	8 6	2
30-1	"	0429	0.0	-1.9	4	7	303 16	7 6	2
31-1	"	0554	-0.2	-1.8	4	7	295 10	7 6	1
32-1	"	"	-0.2	-2.1	4	7	282 12	7 3	1
33-1	"	0900	-0.8	-0.9	3	7	290 12	8	2
34-1	"	1039	-0.3	-0.4	3	7	300 10	8	2

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(EXAMPLE: CLOUD AMOUNT = 3/8; RECORD 3)

CODE	SEA STATE (FT)	VISIBILITY (NM)	CLOUD TYPE	WEATHER	CODE
0	0.0 feet - Glassy	< 00.02	CIRRUS	CLEAR	0
1	0.0 - 0.3 feet - Rippled	00.02 - 00.10	CIRROCUMULUS	PARTLY CLOUDY	1
2	0.3 - 1.6 feet - Wavelet	00.10 - 00.25	CIRROSTRATUS	CONTINUOUS CLOUDS	2
3	1.6 - 4.1 feet - Slight	00.25 - 00.50	ALTOCUMULUS	BLOWING SNOW	3
4	4.1 - 8.2 feet - Moderate	00.50 - 01.00	ALTOSTRATUS	FOG, THICK DUST, HAZE	4
5	8.2 - 13.1 feet - Rough	01.00 - 02.00	NIMBOSTRATUS	DRIZZLE	5
6	13.1 - 19.7 feet - Very Rough	02.00 - 05.00	STRATOCUMULUS	RAIN	6
7	19.7 - 29.5 feet - High	05.00 - 10.00	STRATUS	SNOW OR RAIN/SNOW MIX	7
8	29.5 - 45.9 feet - Very High	10.00 - 25.00	CUMULUS	SHOWERS	8
9	> 45.9 feet - Phenomenal	> 25.00	CUMULONIMBUS	THUNDERSTORMS	9



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			Dry	Wet			Dirn (true)	Speed (kts)	Type (CODE)	
36-1	5/7/99	1317	1.8	1.8	1020.4	2	305	11	8	2
37-1	"	1519	-0.8	-0.5	1020.4	3	295	10.5	8	2
38-3	"	1843	2.8	0	1019.1	2	070	4	3	2
40-3	"	2335	2.8	0.5	1018.1	2	223	4.4	7	2
40-6	5/8/99	0637	1.9	0.1	1016.0	2	126	8	6	1
41-1	"	0937	0.3	0.0	1015.1	2	112	07	8	7
42-1	"	1102	0.0	-0.3	1014.5	2	113	10	8	7
43-1	"	1241	1.0	-0.5	1014.0	2	16	15	8	7
44-1	"	1422	-0.5	-1.0	1013.8	3	100	15.7	6	2
45-1	"	1605	0	-0.9	1013.5	2	109	13	8	2
46-1	"	1902	-0.4	-0.8	1013.0	IN ICE	112	13	1	0
47-1	"	2347	-0.5	-1.5	1011.5	IN ICE	86	14	6	1
54-1	5/9/99	1838	0.8	0	1002.5	4	013	29	8	2

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(EXAMPLE: CLOUD AMOUNT = 3/8; RECORD 3)

CODE	SEA STATE (FT)	VISIBILITY (NM)	CLOUD TYPE	WEATHER	CODE
0	0.0 feet - Glassy	< 00.02	CFRUS	CLEAR	0
1	0.0 - 0.3 feet - Rippled	00.02 - 00.10	CFRUCUMULUS	PARTLY CLOUDY	1
2	0.3 - 1.5 feet - Wavelet	00.10 - 00.25	CFRSTRATUS	CONTINUOUS CLOUDS	2
3	1.5 - 4.1 feet - Slight	00.25 - 00.50	ALTOCUMULUS	BLOWING SNOW	3
4	4.1 - 8.2 feet - Moderate	00.50 - 01.00	ALTOSTRATUS	FOG, THICK DUST, HAZE	4
5	8.2 - 13.1 feet - Rough	01.00 - 02.00	NIMBOSTRATUS	DRIZZLE	5
6	13.1 - 19.7 feet - Very Rough	02.00 - 05.00	STRATOCUMULUS	RAIN	6
7	19.7 - 29.5 feet - High	05.00 - 10.00	STRATUS	SNOW OR RAIN/SNOW MIX	7
8	29.5 - 45.9 feet - Very High	10.00 - 25.00	CUMULUS	SHOWERS	8
9	> 45.9 feet - Phenomenal	> 25.00	CUMULONIMBUS	THUNDERSTORMS	9