

## WEATHER OBSERVATIONS

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MF-99-05 MOORINGS

Cast No	Date	Time (GMT)	Temperature (°C)		Bar. Press. (mb)	Seas (CODE)	Vis (CODE)	Winds		Amt **	Clouds Type (CODE)	Weather (CODE)
			Dry	Wet				Dirn (true)	Speed (kts)			
001	4/22/99	1715	3.0	2.3	1015.2	3	7	345	16	8	8	6
002	4/22/99	2229	3.8	2.0	1016.6	3	7	355	11	8	6	2
003	4/23	0055	1.9	1.3	1017.1	3	7	315	13	7	6	2
004	4/23	1526	-1.5	-2.0	1019.0	4	7	275	12	8	6	2
005	4/23/99	18	-1.8	-2.0	1020.2	3	7	295	13	8	6	2
008	4/24/99	0857	-4.0	-4.0	1030.0	4	7	340	25	7	6	2
009	4/24/99	1141	-3.1	-4.0	1031.6	4	7	341	22	7	6	2
010	4/24/99	1351	-3.5	-3.5	1032.0	4	7	322	20	7	6	2
011	4/24/99	1531	-3.8	-3.4	1030.25	4	7	317	22	7	7	2
012	4-24-99	1728	-3.0	-3.05	1032.1	4	7	310	19	5	8	1
013	4-25-99	0643	0.2	0.0	1030.0	4	7	300	15	8	8	2
014	4-25-99	0959	0.1	-0.5	1030.0	4	7	295	15	8	8	2
015	Skip	this	number - per D. Kachel									
016	4-25-99	1909	0.1	-0.3	1028.8	2	7	290	10	8	8	2
017	4-26-99	0648	2.1	1.0	1028.1	1	8	175	02	8	6	2
018	4-26-99	0849	2.1	1.1	1029.8	1	8	138	04	8	6	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	< 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

Cast #	Date	Time (GMT)	Temp. (°C)		Press. (mb)	Seas (CODE)	Vis (CODE)	Winds		Clouds Amt **	Clouds type (CODE)	Weather (CODE)
			Dry	Wet				Dirn (true)	Speed (kts)			
019	4-26-99	1059	1.2	0	1027.0	1	8	121	10	8	6	2
020	4-26-99	1235	3.1	1.5°	1026.5	1	8	108	10	8	7	2
021	4-26-99	1455	1.0	0.0	1025.2	8	8	120	11	8	7	2
022	4-26-99	2331	1.5	0.9	1018.8	8	8	120	22	8	7	2
023	4/27/99	1335	1.8	0.1	1017.5	3	8	112	23	8	7	2
024	4/27/99	2349	1.0	0.0	1015.3	1	8	142	15.2	8	7	2
025	4/28/99	0820	1.5	1.0	1016.5	2	8	142	10.7	8	7	2
026	4/28/99	1714	4.0	2.9	1018.3	2	7	210	10	8	7	2
027	4/28/99	2105	3.5	3.0	1019.0	2	7	190	15	8	7	2
028	4/29/99	0803	3.0	2.5	1019.0	3	7	196	22	8	7	3
029	4/29/99	2002	4.1	4.0	1015.0	4	6	239	19	8	7	5
030	5/1/99	0608	4.1	4.0	1012.0	5	6	225	15	*	* fog	4

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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
*	NO OBSERVATION	NO OBSERVATION	NO OBSERVATION	NO OBSERVATION	*