

CTD METADATA  
MF98-05B

April 14 - 29, 1998

Page

1

of

7

Cast #	Date	Time (GMT)	Temp. (°C)		Press. (mb)	Seas (CODE)	Vis (CODE)	Winds		Clouds Type (CODE)	Weather (CODE)	
			Dry	Wet				Dirn (true)	Speed (kts)			
001	15 APR 98	1842	3.8	2.7	997.0	2	7	180	04	8	3,6,18	2
002	15 APR 98	1939	3.9	2.8	997.2	2	7	Var	04	8	3,6,18	2
003	15 APR 98	2219	10.1	6.3	996.3	2	7	100	05	7	3,6,8	1
004	15 APR 98	2324	3.3	2.5	996.3	2	7	100	06	6	3,6,8	1
005	16 APR 98	0745	2.3	1.2	996.0	2	7	060	12	7	3,6,8	1
006	16 APR 98	0930	1.6	0.9	995.5	3	7	060	14	7	4,3	1
007	16 APR 98	1154	1.2	0.9	995.8	3	7	050	12	7	4	1
008	"	1337	0.5	0.4	995.4	3	7	032	12	5	4	1
009	"	1403	0.5	0.4	995.3	3	7	032	12	7	4	1
010	16 APR 98	1746	1.9	1.9	995.9	3	6	032	18	8	7	2
011	16 APR 98	1858	1.6	1.6	996.1	3	6	030	16	8	7	2
012	16 APR 98	1950	0.8	0.7	996.1	4	7	030	20	8	7	2
013	17 APR 98	0739	1.0	1.0	996.0	4	7	030	22	8	7	2
014	17 APR 98	0805	1.0	0.9	996.0	4	6	030	18	8	7	2
015	17 APR 98	1141	0.1	0.0	996.1	4	6	015	23	8	7	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
.	NO OBSERVATION	NO OBSERVATION	NO OBSERVATION	NO OBSERVATION	.

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			Dry	Wet				Dirn (true)	Speed (kts)			
016	17 APR	1528	-0.5	-0.9	997.2	4	7	348	25	8	7	2
017	17 APR	1549	-2.0	-2.2	998.8	5	7	345	26	8	7	2
018	17 APR	1916	-2.1	-2.4	998.8	5	7	350	24	8	7	2
019	17 APR	2249	-1.9	-2.4	1001.1	6	7	355	35	8	7	2
020	18 APR	0309	-2.4	-2.8	1003.9	6	7	348	26	8	7	2
021	18 APR	0839	-4.2	-4.8	1006.2	6	7	345	30	8	7	2
022	"	1430	-4.0	-4.3	1009.2	6	6,7	345	26	8	7	7
023	"	1657	-3.1	-3.2	1009.8	5	7	340	24	8	7	2.5
024	"	1910	-3.5	-3.5	1010.6	6	8,7	340	24	8	7	2
025	"	1944	-3.5	-3.5	1011.0	6	7	340	20	8	7	2
026	19 APR	0525	-3.0	-3.5	1015.5	5	8	330	18	8	8	1
27	19 APR	1953	0.7	0.4	1016.2	3	7	255	7	8	7	2
28	19 APR	2016	1.1	0.8	1016.3	3	7	255	7	8	7	2
29	19 APR	2046	0.4	0.2	1016.3	3	7	255	8	8	7	2
30	19 APR	2249	1.8	1.1	1016.5	3	7	285	8	8	7	2

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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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MF98-05B

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Page 3 of 3

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			Dry	Wet				Dirn (true)	Speed (kts)	Amt **	Type (CODE)	
31	20 APR 98	0032	0.0	-0.2	1016.9	3	7	291	07	8	7	2
32	"		1.4	0.9	1017.1	3	7	300	08	8	7	2
33	"	0357	0.5	0.0	1017.5	3	7	260	04	9	7	2
34	"	0538	2.0	1.4	1018.1	3	7	285	08	9	7	2
35	"	0706	0.9	0.2	1018.6	3	7	330	08	7	7	2
36	21 APR	0322	1.9	1.6	1021.5	3	7	202	08	8	7	2
37	"	0512	1.1	0.9	1021.2	3	7	180	11	8	7	2
38	"	1357	1.8	1.5	1017.6	3	7	170	10	8	7	2
39	"	1916	3.3	2.6	1015.5	3	7	170	18	8	7	2
40	"	1928	3.1	2.5	1015.5	3	7	170	18	8	7	2
41	"	2051	3.7	3.1	1014.6	4	7	165	19	8	7	2
42	"	2338	3.8	3.2	1012.9	4	7	165	23	8	7	2
43	22 APR	0057	3.7	3.3	1011.9	4	7	155	18	8	7	2
44	"	0635	4.0	3.2	1008.5	4	7	140	22	8	7	2
45	22 APR	0824	3.8	3.2	1008.4	4	7	160	20	8	7	2

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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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CTD METADATA  
MF98-05B

April 14 - 29, 1998

Page 4 of 4

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			Dry	Wet			Dirn (true) Speed (kts)	Amt ** Type (CODE)	
46	22 APR 98	1137	3.4	2.9	4	7	140	8	7
47	"	1342	3.1	2.9	4	7	122	8	7
48	"	1540	3.0	2.9	4	7	130	8	7
49	"	1729	3.0	2.8	4	7	130	8	7
50	"	1920	2.0	2.8	4	7	130	8	7
51	"	1945	2.1	2.1	4	6	130	8	7
52	23 APR 98	1830	4.3	3.6	4	7	200	8	7
53	"	1739	4.9	3.9	3	7	230	4	7
54	24 APR 98	0217	4.5	3.6	3	7	215	6	8
55	"	0446	6.0	4.5	3	8	205	5	6
56	"	0701	6.0	4.5	1	7	—	6	6
57	24 APR 98	0950	5.3	4.1	2	7	060	3	6
58	24 APR 98	1324	4.0	2.9	2	7	330	3	6
59	"	1620	3.0	2.7	3	8	350	8	6
60	"	2029	2.6	2.6	3	7	016	8	6

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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
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			Dry	Wet			Dirn (true) Speed (kts)	Amt ** Type (CODE)	
61	24 APR 98	2127	2.9	2.7	3	7	015 17	8 6	2
62	25 APR 98	0040	3.8	3.2	3	7	030 16	8 6	1.5
63	"	0350	5.1	4.6	3	7	040 16	8 6	2
64	25 APR 98	1124	4.2	3.3	4	8	020 17	3 4	1
65	"	1251	4.1	3.1	4	7	351 16	1 *	1
66	"	1359	4.0	3.1	4	7	000 16	0 —	0
67	"	1540	3.8	3.2	4	7	000 14	1 —	0
68	"	1710	3.8	3.4	4	7	000 17	0 —	0
69	"	1848	3.9	3.4	4	7	000 15	0 —	0
70	"	1915	3.8	3.2	4	7	355 14	0 —	0
71	"	2046	4.0	3.3	4	8	355 17	2 21	0
72	"	2303	4.1	3.4	4	8	350 15	2 01	0
73	26 APR	0131	4.9	3.8	4	8	340 10	0 —	0
74	"	0359	4.9	4.0	4	8	340 11	0 —	0
75	"	0609	4.8	4.0	3	8	320 10	0 —	0

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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
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Page 6 of

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			Dry	Wet			Dirn (true) Speed (kts)	Amt	Type (CODE)
76	26 APR 98	0817	3.2	3.1	3	8	300 8	3	2
77	26 APR 98	1008	3.6	3.3	3	8	280 7	3	2
78	26 APR 98	1153	3.4	3.2	3	8	270 6	0	1
79	"	1340	2.5	2.4	3	7	277 7	7	7
80	"	1544	2.5	2.1	3	7	270 8	8	2
81	"	1716	2.7	2.3	3	7	240 10	8	2
82	"	1927	2.0	2.0	3	3	230 13	8	4
83	"	1950	1.9	1.9	3	3	220 17	8	4
84	27 APR	0808	3.9	3.6	4	7	290 21	8	2
85	27 APR	0835	2.0	1.9	4	7	300 20	8	2
86	27 APR	2216	3.0	1.9	5	7	305 23	7	1
87	28 APR	1844	1.5	1.0	6	7	310 22	7	1
88	28 APR	1955	1.8	0.9	6	7	330 23	7	1
89	28 APR	2119	2.4	1.8	6	7	335 20	7	1
90	28 APR	2330	3.2	2.7	6	7	335 23	7	1

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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
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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
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