

Cast #	Date	Time (GMT)	Temp (°C)		Press. (mb)	Seas (CODE)	Vis (CODE)	Winds		Amt **	Clouds Type (CODE)	Weather (CODE)
			Dry	Wet				Dirn (true)	Speed (kts)			
1	4/20/00	1054	-3.1	-4.0	983.0	3	6	010	27	6	—	1
2	4/20/00	1332	-2.5	-4.5	984.0	2	7	019	26	—	—	1
3	4/21/00	0300	-1.1	-1.5	989.5	4	4	300	18	—	—	2
4	4/21/00	0454	-2.5	-2.0	990.0	4	6	250	12	3	8	7
5	4/21/00	0630	-3.2	-2.0	990.0	4	6	270	10	5	8	7
6	4/21/00	0807	-1.0	-1.0	991.2	4	1	020	10	*	*	3
7	4/21/00	1220	-0.5	-0.5	993.5	5	7	000°	8	*	*	1
8	4/21/00	1359	-0.2	1.0	994.9	5	7	345°	11	*	*	1
9	4/21/00	1527	-0.5	-0.5	995.9	5	7	330	20	6	6/8	1
10	4/21/00	1700	0.0	0.0	996.5	5	7	320	20	7	4/8	3
11	4/22/00	1417	-0.8	-0.5	1008.3	5	7	315	18	8	*	3
12	4/22/00	1537	-1.2	-1.2	1009.0	5	7	330	23	8	6	3
13	4/22/00	1657	-1.8	-1.8	1009.4	5	7	330	24	8	6	7
14	4/22/00	1804	-1.2	-1.7	1010.1	5	7	226	23	8	6	7
15	4/23/00	1450	-3.5	-3.5	1011.9	4	7	330	12	8	7	2

wind under
15 kts BL SW

** 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 - 00.02	OPRUS	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)	Amt ** Type (CODE)	
16	4-23-00	1720	-4.0	-4.0	3	7	296 07	8 7	3
17	4/23/00	2011	-3.1	-4.0	3	7	350 10	8 7	2
18	4/23/00	2141	-3.8	-4.8	3	7	348 7	8 7	3
19	24 APR 00	0708	-1.9	-2.2	3	7	350 11	8 7	2
20	24 Apr. 00	0902	-3.0	-3.0	3	7	025 9	8 7	2
21	24 Apr. 00	1139	-4.1	-4.1	3	7	025 6	8 7	2
22	24 Apr. 00	1336	-3.1	-3.1	3	7	020 10	8 7	2
23	24 Apr. 00	1517	-4.0	-4.0	3	7	000 8	8 7	2
24	25 APR 00	0313	-3.0	-2.8	3	7	000 14	8 7	2
25	25 APR 00	0048	-2.9	frozen	4	7	280 13	8 6	2
26	26 APR 00	0251	0.0	frozen	3	7	293 12	3 8	1
27	26 APR 00	0507	0.0	frozen	2	7	230 06	5 7	1
28	26 Apr	0714	-0.8	-2.0	2	7	190 09	8 7	1
29	26 APR	0912	0.3	-0.7	4	7	210 12	8 7	2
30	26 APR	2000	0.0	-1.3	4	7	165 17	8 6	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 - 00.02	OPUS	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	*

Cast #	Date	Time (GMT)	Temp. (°C)		Press. (mb)	Seas (CODE)	Vis (CODE)	Winds		Amt	Clouds Type (CODE)	Weather (CODE)
			Dry	Wet				Dirn (true)	Speed (kts)			
31	26 Apr 00	2205	0.5	-1.0	1022.0	3	7	150	20	8	4	2
32	27 Apr 00	0442	2.5	1.5	1014.2	4	7	130	24	8	6	2
33	27 Apr 00	0650	2.2	1.2	1012.2	5	7	130	32	8	5	7
34	27 Apr 00	0912	2.2	1.5	1014.0	5	6	130	33	8	5	4
35	27 Apr 00	1714	4.0	3.8	1009.1	5	6	195	18	8	5	2
36	27 Apr 00	2002	5.0	4.2	998.9	4	7	210	18	8	5	2
37	28 Apr 00	0153	5.0	4.2	998.0	3	7	160	8	8	5	2
38	28 Apr 00	0506	6.5	5.2	997.1	2	7	080	6	8	6	2
39	28 Apr 00	0811	4.4	4.0	998.0	2	7	010	6	8	5/4	2
40	28 Apr 00	1230	4.0	3.1	998.8	3	7	340	10	8	6	2
41	28 Apr 00	1639	3.3	2.8	999.3	3	7	000	13	8	6	2
42	28 Apr 00	1956	4.0	3.0	1001.3	3	7	330	17	8	6	1
43	28 Apr 00	2252	4.2	3.1	1002.5	4	7	335	14	8	6	2
44	29 Apr 00	0059	3.9	2.1	1003.8	4	7	335	16	8	6	2
45	29 Apr 00	0400	4.8	3.0	1004.0	4	7	340	16	6	6	1

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CODE	SEA STATE (FT)	VISIBILITY (NM)	CLOUD TYPE	WEATHER	CODE
0	0.0 feet - Glassy	< 00.02	OPRUS	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	*

