CTD METADATA

April 20 - May 1, 1999

MF99-05B-99-07

Date Time	9	Tem	Temp. (°C)	Press.	Seas	Vis	W	Winds	3	Clouds	Weather
(GMT)		ğ	Wet	(mp)	(CODE)	(CODE)	Dirn (true)	(CODE) (CODE) Dirn (true) Speed (kts) Amt **	Amt **	ype (CODE) (CODE)	(CODE)
5113199 1012 4.	4.	4.5	4.0	1019.0	7	*	011	35	*	*-	1
5/13/99 1053 4	7	4.5	0,4	0.9101	h	Ţ	115	34	1		
5/13199 1218 4	1	4.5	4.0	0,810	1	e	128	35	1	4	
\$ 125E1 99/E113		45	4.0	Z'L101	.ls	4	125	35	1		
6 HH 91 Hb/81/5	7	6	1.1	1017.2	p	7	1/0	22	1	t	
5/13/99 1936 5.1	2		4.9	1015.1	75	¥	411	26	30	¥	2
5/13/99 2249 5	2	1	4.3	1014	2	+	180	20	do	+	2
5/14199 0228 5	100000	2,6	4.6	[0/2.3	9	7	040	26	8	A	7
5/14/99 0759 5	5	5,5	4.9	1011.1	9	£	980	30	00	t	2
5 5311 64/11/5	5	0	3,5	1011.11	9	t	801	04-82	1		1
5/14/99 1819 4	ł	4.8	3.0	1011.3	7	Z	07/	90	8	ž	2
5114199 2022 5	8	5.1	4.0	1012,9	7	7	511	35	8	£	7
5 M 22 H115	77	5.0	4.6	1013.1	7	7	811	32	ŏΦ	七	7
5/15/199, 1936 4,9	4	9	4.8	1016.0	9 1	4	OH	26	Н	h	
5/15/99 1528 4	ት	4.0	4.0	1011.7	4	t	211	157	60	8	-
							AND DESCRIPTION OF THE PARTY OF				

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

CODE	0	1	2	co.	4	တ	9	7	80	න	•
WEATHER	CLEAR	CIRROCUMUL PARTLY CLOUDY	CIRROSTRATUCONTINUOUS CLOU	ALTOCUMULU BLOWING SNOW	ALTOSTIRATIUSFOG, THICK DUST, H	DRIZZLE	RAIN	SNOWORIEVINISNOW	SHOWERS	> 25.00 CUMULONIMB THUNDERSTORMS	NO OBSERVATIONNO OBSERVATION
CLOUD TYP		GIRROGUMUL	CIRROSTRATU	ALTOGUMULU	ALHOSHRATUS	NIMBOSTIRATIORIZZLE	STIRATIOGUMURAIN	STRATUS	COMOLUS -	CUMULONIMB	NOIOBSERVA
VISIBILITY (NM) CLOUD TYPE	< 00:02 CIRRUS	00.02 - 00.10	00:10 - 00:25	00.25 - 00.50	00.50 - 01.00	01:00 - 02:00	02:00 - 05:00	05.00 - 10.00	10.00 - 25.00	> 25.00	OBSERVATION
SEA STATE (FT)	0.0 feet - Glassy	0.0 - 0.3 feet - Rippled	0.3 - 1.6 feet - Wavelet	1.6 - 4.1 feet - Slight	4.1 - 8.2 feet - Moderate	8.2 - 13.1 feet - Rough	13.1 - 19.7 feet - Very Rough	19.7 - 29.5 feet - High,	29.5 - 45.9 feet - Very Hig	> 45.9 feet - Phenomen	NO OBSERVATION NO
CODE	0,	1	2	က	4	- 2	9	7	8	6	•

CTD Cast Weather

9.91 971

Cast #	Date	Time	Temper	Temperature (°C)	Bar. Press.	Seas	Vis	W	Winds		Clouds	Weather
		(GMT)	Dry	Wet	(dm)	(CODE)	(CODE)	Dirn (true)	Speed (kts)	Amt **	Type (CODE)	(CODE)
16	5-15-99	1201	5.0	4.1	1017.2	h	47	130	h2	7	9	7
Ī	5-16-91	0634	5.5	5.0	1020.2	ħ	8	115	51	17	9	1. T.
81	5-16-97	0324	۵, ۵	8.4	1020.0	3 -	8	155	30.00	6	8/3	1.
19	2/16199	139	0,0	5.0	1019	1	00	175	29	1	A SPECIAL	
20	2	8421	2.5	4.9	0. 9101	4	8	170	22	1		Ţ
21	И	00	5.1	2,0	1015.0	33	∞	120	10	00	7	7
22	66/11/9	5500	5.0	4.8	5.1101	77	p	220	9/	8	R.	7
22	า	1207	5.1	4.5	6/5101	7	~	572	12	I	+	Į,
hz	66/11/5	1657	کې ۳	0.2	1.5/9/	7	71	062	6/		8	N
52	II.	2151	2.2	4.0	E-2191	h	4	268	16	t	8).
26	21,0115	025.3	8.	6.5	6001	3	+	270	9	Ł	4/8	_
27	6618115	118	5.9	4.8	1019	W)	rt-	265	6.5	4	4/8	
87	66-81-5	1614	5.0	2.9	1019,8	7	8	165	12	k ₃	8/2	
57	6-18-69	2201	6.9	5.2	1018.3	ı	8	00	:=: !:	7	3/t	Ŧ
30	11	2253	6.9	5,2	5.8101	4	8	100	a	3	318	1
સ્	5-19-99	5000	4.0	4.0	1017.0	ŧ	8	138	8.7	و	e	λ

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8	0	-	2	3	4	5	9	7	8	6	*
WEATHER	CLEAR	PARTLY CLOUDY	CONTINUOUS CLOUDS	BLOWING SNOW	FOG,THICK DUST, HAZE	DRIZZLE	RAIN	SNOW OR PAIN/SNOW MIX	SHOWERS	THUNDERSTORMS	NO OBSERVATION
CLOUD TYPE	CIPPUS	CIRROCUMULUS	CIRROSTRATUS	ALTOCUMULUS	ALTOSTRATUS	NIMBOSTRATUS	STRATOCUMULUS RAIN	STRATUS	CUMULUS	CUMULONIMBUS	NO OBSERVATION
VISIBILITY (NM)	< 00.02 CIPRUS	00.02 - 00.10	00.10 - 00.25	00.25 - 00.50	00.50 - 01.00	01.00 - 02.00	02.00 - 05.00	05.00 - 10.00	10.00 - 25.00	> 25.00	NO OBSERVATION NO OBSERVATION
SEA STATE (FT)	0.0 feet - Glassy	0.0 - 0.3 feet - Rippled	0.3 - 1.6 feet - Wavelet	1.6 - 4.1 feet - Slight	4.1 - 8.2 feet - Moderate	8.2 - 13.1 feet - Rough	13.1 - 19.7 feet - Very Rough	19.7 - 29.5 feet - High	29.5 - 45.9 feet - Very High	> 45.9 feet - Phenomenal	NO OBSERVATION
SODE	· 0	27/3	2	ဗ	4	5	9	7.	8	6	34.

Weather	(CODE)		i d		N	Ж	L.	1189		STATE OF STA			55.5	-U	Ŧ		
Clouds	Type (CODE)	1/2	- 13/0	9/19	₹13	- A . A	£18	9	*	ときない	3 3 3 3 3 3 3	The Continue of the Continue o				275	
	Amt **	S	t	හ	8	R	8	2	a								
Winds	Dirn (true) Speed (kts)	0.71	12	72	62	48	25	02	81								
Win	Dirn (true)	156	150	150	011	128	121	115	991								
Vis	(CODE)	4	4	+	4	4	- t	00	2			11					+
Seas	(CODE)	7	M	ī	h	h	h	49	7-								
Bar. Press.	(mb)	1015,0	9.0101	6.8001	6.9101	1015.3	1013.5	996.0	8-226		1						
Temperature (°C)	Wet	3.0	2.2	2.2	3.0	2.9	3.0	5.5	4.0								
Тетрега	Dry	4.0	3.7	317	0 <i>h</i> .	3.9	3.5	7.0	50								
Time	(GMT)	0129	0415	P120	1814	£001	1150	1650	2411			-			10.5		
Date		5-19-99	= ,,	1	11	1)	111	11	In							*	
Cast #		32	33	34	35	36	23	85	20								2

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

300E	1,776.96	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
* 0	SEA STATE (FT)	VISIBILITY (NM)	CLOUD TYPE	● WEATHER ## XX X X X X X X X X X X X X X X X X	8
	0.0 feet - Glassy	SUPPRIOR CIPPRIOR	CIPPLIS	CLEAR	0
	0.0 - 0.3 feet - Rippled	00.02 - 00.10	CIRROCUMULUS	PARTLY CLOUDY NOW	-
2	0.3 - 1.6 feet - Wavelet	00.10 - 00.25	CIRROSTRATUS	CONTINUOUS CLOUDS	2
6	1.6 - 4.1 feet - Slight	00.25 - 00.50	ALTOCUMULUS	BLOWING SNOW	3
4	4.1 - 8.2 feet - Moderate	00.10 - 02.00	ALTOSTRATUS	FOG,THICK DUST, HAZE	4
5	8.2 - 13.1 feet - Rough	01.00 - 02.00	NIMBOSTRATUS	DRIZZIE	5
9	13.1 - 19.7 feet - Very Rough	05:00 - 05:00	STRATOCUMULUS RAIN	RAIN	9
F. 158 7	19.7 - 29.5 feet - High	00.01 - 00.50	STRATUS	SNOW OR PAIN/SNOW MIX	7
8	29.5 - 45.9 feet - Very High	10.00 - 25.00 CUMULUS	CUMULUS	SHOWERS	8
6	- > 45.9 feet - Phenomenal	> 25.00	> 25.00 CUMULONIMBUS	THUNDERSTORMS	6
	NO OBSERVATION **	NO OBSERVATION	NO OBSERVATION	NO OBSERVATION NO OBSERVATION NO OBSERVATION	10 m