	SHIP					DAY		DATE		TIME ZO	NE	
M	ILLER FRE	EMAH	*			FRIE	PAY	21 M	AY 99	48	3	
TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	LITY .	WIN	D	IAVE SHT	SWELL	WAVES	WATER EMP.	EVEL SURE	TEMPE	RATURE
			VISIBILITY (N.M.)	DIR. (True)	SPEED (Kta.)	SEA WAVE HEIGHT (FL.)	DIR. (True)	HEIGHT (Ft.)	SEAW TEN	SEA LEVEL PRESSURE (mb)	DRY BULB	WET BULB
01	53°53. N 166°32' W	CL	lo	010	4	41			NIA	1064.4	6.2	5:0
02		· 3	10									
03]						
04	53°53' N 166° 32' W	R	10	015	4	41			NIA	10048	6.2	5.0
05	50											
06	8	••					55					
07	53° 53' N	ان	10	VAR	LT	21			N/A	82001	7.1	6.0
08	8*	1							- 1			
09												
10	53° 53' N 1/46° 32' W	CL	10	VAR	LT	<1			No.	1006.0		
11				,		Ż			UAIA			
12.	9		,			2.					-	
13	53° 53' N	PC	10	VAR	L T	<1						†
14	166° 32' W 54° 06.5' N 166'15. X' W	/	,,,	7,						u*	7	
15	0000.5 W								 			
16		·						<u> </u>				
17	54006,5'N	PC	10	335	12	1-2	030	2-3	N/A	1006.9	5.0	4.0
18	166015.9'W 54015.6'N 166002.2'W	PL	10	VAR	1T.	0	030	81-2			<u> </u>	4.2
19	54043.8'N	CLIR	10		07	1-2	130	 	5.3	1006.9	5.2	42
20	168046,3'W		 	 		1-2	130	1-2		1006.9	1	
	54° 21.8'N 165° 28.1'W 54° 14.6'N	CL/R	10	50	12	1			4.4	1006.9	1	4.0
21	165°07.0'W	PC Pc	10	213	6	<			3.9	1006.9		5.5
22	164 944.8 W	PC	10		6	<1			 	10069		3.9
	54° 10.0' N	A	10	20-	0	< 1			3.4	10674		3.0
24 REMAI	1640 587 W	<u>u</u>	10	95	5	41			716	1008.2	4.8	29

	44					/	!	DATE		TIME ZO	0	
	MILLEI	RIRE	EM	AN		\$A1	<u>-</u>	22	Mayaq	42	<u> </u>	
IME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (W.M.)	WIN	D	SEA WAVE HEIGHT (Ft.)	SWELL	WAVES	WATER EMP.	SEA LEVEL PRESSURE (mb)	TEMPER 0	
			SISIV	DIR. (True)	SPEED (Kte.)	SEA N HEI	DIR. (True)	HEIGHT (Ft.)	SEA W	SEA L PRES	DRY Bulb	WET
01	549872 N 164014.9W		10	067	7				6.9	1018.1	61	5.1
02	54°25.2 N 164°62.9 W		10	074	4				3 ,2	1018.2	5.9	4.
03	54031.8 N		10	047	7				30	1018.1	3.9	<u>ን. </u>
04	54024.8' N 163037.1' W	CL	10	045	6	1-Z	NA	3-4	4.3	1008.9	4.0	3.8
05	54 18.1 N 163 23.3 W	CL	ſο	050	5	1-2	W/A	1-2	3,5	1009.0	5.9	5,3
06	5416.34.VW	CL	5	077	3,7	0	110	3-4	3.5	1:08,9	5,1	4.8
07	64915.51N 162043.4'W	CL	10	101	9	0-1	140	3-4	3.Z	1008.9	4.5	4.0
80	540 18.2' N 1620 24.0'W	CL	10	111	8	0	215	1-2	3.4	1009.2	5.1	4.3
09	162° 19.2' W	د اــ	10	065	ァ	41	090	2	3.0	1009.9	5,4	4.8
10	54° 30.8' N	CL	10	062	8	<1	090	2	3-7	1010.0	6.2	5.0
11	54° 39.8'N	CL	10	064	11	41			3.2	1010.2	6.9	5.
12	58 48.1 N 163001.3 W	CL	10	079	9	41			3.6	10/0.Z	7.9	6.0
13	54046.1×	CL	10	080	7	41			3,1	10/02	4.1	3,5
14	54037.4N 162038.3W	16	10	57	11	41		/	3.4	106.2	4.1	3.0
15	64032.6 N	CL	10	075	10	61			3.3	10107	5.6	4.9
16	161056.8'W	PC	10	075	12	1-Z	180	1-Z	3.6	1010.9	6.0	5.6
17 "	54040.1'N	PL	10	080	12	1-5	160	1-2	3.5	1011.0	69	5.0
10	54048.2'N 161042.51W	PC	10	060	12	1-2	090	2-3	3.8	1011.0	7.9	6.0
19	54055. 3'N 161030.8'W	pc \	10	058	10	1-2	120	2-3	4.5	1011-5	6.7	5.5
20	55° 03.1° N 101° 17.5° W	PC	10	77	6	1-2	170	2-3	4.3	1011.5	7.1	6:
21	55° 69.7' N 161° 07.5' W	PC	10	49	4	<	170	1	4.1	1011.5	7.1	6.3
	54° 58 9' N	Pc	10	74	12	1-2	170	1	4.6	1011.5	6.7	5.
23	54°58.8'17 !bo°52.4'W 54°44.3'1~	PC 1	10	81	12	1-2	170	1	4.4	10/15	5.0	4.0
24	60 50.3	PC	10	78	12	1-2	170	l (4.3	1011.4	5.0	4.0

MILLER FREEMAN SUN ZIMONTO +8														
MILLER	FREE	MAX			341	v		May 99	+	8	·			
POSITION	PRESENT	ΥΤΙĆ	WIN	D	AVE HT	SWELL	WAVES	P.	SVEL	TEMPER 0	RATURE			
	WEATHER	VISIBIL (N.M.	DIR. (True)	SPEED (Kte.)	SEA W. HEIG (Pt.	DIR. (True)	HEIGHT (Ft.)	SEA WA TEMI	SEALE PRESSI (mb)	DRY BULB	WET			
64050.0N	PC	10	050	JO	1-2	170	1	4.3	<i>LOR.</i> 4	50	4.1			
54°55.8'N	PC	10	069	10	1-2			4.8	1061.4	5.0	4.1			
6036.9 W	PC	40	070	11	1-2			4.7	104.3	5.2	4.0			
54049.11N 160025.2'W	CL	10	038	10	1-2	N/A	2-3	4.7	1811.8	5.0	4.0			
60023.81W	CL/R	8	135	18	3-4	170	3-4	4.7	10/1./	5.8	4.2			
160017 9 W	CL	10	025	20	3-4	050	3-5	4.6	1010,5	5.0	4./			
54049.111	CL	10	636	19	3-4	190	3-5	4.8	1010.6	5.0	4.2			
540 43.5 N	CLIR	10	071	10	2 · 3	120	4-6	4.0	140.7	1.8	7.4			
570 38 AND	•	10	054	16	1-2	/20	4-6	4.6	1010.7	4.8	4.6			
540 35.71N		10	364		1-2	T	4-6	4.2	1010.8	()	5.6			
545 45.1' N		10	60	7	1	120	2-3	4.2	1011.2	6.7	5.6			
54050.7'N		10		10		120	2-3	1		6.9	5-7			
			51		1	180	2-3	5.0	- W.	7.1	5.3			
3°02.0'N			44		1	170	2-3	4.8		7.3	5-2			
E <0.X.zw	CL		22	9		150	2-3	5.0	·	57	5-0			
55014.51N	PC	10	OZZ	12	1-Z	100	3-4	5.8		5.9	4.8			
55070.3'N	PC	10	350	7	1-2	150	3-4	58	1	5,9	4.8			
55027.11N	PC	10	345	8	2-3		3-4	+-		5.9	4.3			
55033.0'N	C	10	290	12	1-Z		3-5	† 		6.0	5.0			
550 390 N E40 27 C W	C	10						6.6	1009.1	7.2	5. 4			
55° 45.7 N	PC 2/8	10	272	16	4	130	3-5	_			5.9			
55° 50.9 'N		10	212	16	4		3-5							
550 56.31 N 550 53.81 W		10	282	18	4		3-5	4.6	1007.2	6,2	5,0			
6°01.2'44		10	797	16	4		3-5		1		5.1			
	Lat. and Long.) 64950.0 N 64955.8 N 65955.8 N 65955	16. and Long.) 16. and Long.)	Let. and Long.) WEATHER 10 10 10 10 10 10 10 10 10 10 10 10 10 1	14050.0N PC 10 050 54057.8N PC 10 069 14041.4N PC 40 070 160025.2.W CL 10 038 160025.2.W CL 10 038 160025.2.W CL 10 036 160025.2.W CL 10 036 160017.9.W CL 10 036 150017.9.W CL 10 054 150017.9.W CL 10 054 15003.1.W CL 10 054 15003.1.W CL 10 50 15003.1.W CL 10 50 15003.1.W CL 10 50 15003.1.W CL 10 71 15003.1.W CL 10 350 15003.1.W CL 10 370 15003.1.W	STORY OC 10 050 10 STORY ON PC 10 069 10 STORY ON PC 10 069 10 STORY ON PC 10 070 11 STORY ON PC 10 071 10 STORY ON PC 10 071 10 STORY ON PC 10 071 10 STORY ON PC 10 50 7 STORY ON PC 10 77 STORY ON PC 10 350 7 STORY ON PC 10 370 7 STORY ON PC 10 370 7 STORY ON PC 10 375 8 STORY ON PC 10 375 15 STORY ON PC 10 375 8 STORY ON PC 10 375 8 STORY ON PC 10 375 8 STORY ON PC 10 375 16 STORY ON PC 10 STORY ON PC 10	54050.0N PC 10 050 10 1-2 54050.0N PC 10 069 10 1-2 54050.0N PC 10 069 10 1-2 60025.2 W CL 10 038 10 1-2 60025.2 W CL 10 038 10 1-2 60025.2 W CL 10 035 18 3-4 60025.2 W CL 10 055 20 3-4 60025.2 W CL 10 056 19 3-4 60025.2 W CL 10 056 19 3-4 60025.2 W CL 10 054 16 1-2 60025.2 W CL 10 057 15 1-2 60025.2 W CL 10 50 10 1 60025.2 W CL 10 370 7 1-2 60025.2 W PC 10 345 8 2-3 60027.1 W PC 10 345 8 2-3 60027.1 W PC 10 345 8 2-3 60027.1 W PC 10 290 12 1-2 60027.1 W PC 10 290 12 1-2	54050.0N PC 10 050 10 1-2 170 54050.0N PC 10 069 10 1-2 / 65050.0N PC 10 069 10 1-2 / 65050.0N PC 40 070 11 1-2 / 65050.0N PC 40 070 11 1-2 / 65050.0N PC 40 070 11 1-2 // 65050.0N PC 10 055 20 3-4 050 54040.0N PC 10 055 18 3-4 190 54040.0N PC 10 0564 16 1-2 120 54040.0N PC 10 054 16 1-2 120 54050.0N PC 10 50 10 1 120 54050.0N PC 10 022 12 1-2 100 55050.0N PC 10 345 8 2-3 155 55050.0N PC 10 345 8 2-3 155 55050.0N PC 10 345 8 2-3 155 55050.0N PC 10 370 12 1-2 150 55050.0N PC 10 370 15 1-2 150 55050.0N PC 10 370 16 4 130 55050.0N PC 10 370 17 1-2 150 55050.0N PC 10 370 17 1-2 150 55050.0N PC 10 370 17 1-2 155 55050.0N PC 10 370 18 4 125 55050.0N PC 10 270 12 1-2 155 55050.0N PC 10 270 16 4 130	14050.0N PC 10 050 10 1-2 170 1 160411.0N PC 10 069 10 1-2 / 160411.0N PC 10 069 10 1-2 / 16041.0N PC 40 070 11 1-2 / 16041.0N PC 10 025 20 3-4 050 3-5 16041.0N PC 10 050 19 3-4 190 3-5 16041.0N PC 10 054 16 1-2 120 4-6 1605.0N PC 10 054 16 1-2 120 4-6 1605.0N PC 10 50 10 1 120 2-3 1606.0N PC 10 50 10 1 120 2-3 1606.0N PPC 10 022 12 1-2 100 3-4 1606.0N PPC 10 345 8 2-3 155 3-5 1606.0N PPC 10 270 12 1-2 156 3-5 1606.0N PPC 10 270 16 4 130 3-5	10 050 10 1-2 170 1 4.3 10 050 10 1-2 170 1 4.3 10 050 10 1-2 / 4.8 10 050 10 1-2 / 4.8 10 050 11 1-2 / 4.7 10 050 11 1-2 / 4.7 10 050 11 1-2 / 4.7 10 050 11 1-2 / 4.7 10 050 11 1-2 / 4.7 10 050 11 1-2 / 4.7 10 050 11 1-2 / 4.7 10 050 11 1-2 / 4.7 10 050 18 3-4 190 3-4 4.7 10 050 18 3-4 190 3-5 4.8 10 050 19 3-4 190 3-5 4.8 10 050 19 3-4 190 3-5 4.8 10 050 19 3-4 190 3-5 4.8 10 050 10 1 10 2-3 120 4-6 4.0 10 050 10 1 120 2-3 4.1 10 050 10 1 120 2-3 4.1 10 050 10 1 120 2-3 4.1 10 050 10 1 120 2-3 4.1 10 050 10 1 120 2-3 4.1 10 050 10 1 120 2-3 4.1 10 050 10 1 120 2-3 4.1 10 050 10 1 10 2-3 5.0 10 050 10 1 10 2-3 5.0 10 050 10 1 10 2-3 5.0 10 050 10 1 10 2-3 5.0 10 050 10 1 10 2-3 5.0 10 050 10 1 150 2-3 5.0 10 050 10 1 150 2-3 5.0 10 050 10 1 150 2-3 5.0 10 050 10 1 150 2-3 5.0 10 050 10 1 150 2-3 5.0 10 050 10 1 150 2-3 5.0 10 050 10 1 150 2-3 5.0 10 050 10 1 150 2-3 5.0 10 050 10 1 150 2-3 5.0 10 050 10 1 10 2-3 5.0 10 050 10 1 10 2-3 5.0 10 050 10 1 10 2-3 5.0 10 050 10 1 10 2-3 5.0 10 050 10 1 10 2-3 5.5 10 050 10 1 10 2-3 5.5 10 050 10 1 10 2-3 5.5 10 050 10 10 10 3-4 5.8 10 050 12 12 1-2 160 3-5 6.6 10 050 10 10 10 10 3-5 5.5 10 050 10 10 10 10 3-5 5.5 10 050 10 10 10 10 3-5 1.4 10 050 10 10 10 10 3-5 1.4	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14.5.0N PC 10 050 10 1-2 170 1 4.3 1014 50 31.5.3N PC 10 069 10 1-2 / 4.8 1014 5.0 31.5.3N PC 10 069 10 1-2 / 4.8 1014 5.0 31.5.3N PC 10 070 11 1-2 / 4.7 101.3 5.2 31.5.2N PC 10 038 10 1-2 1/4 2-3 4.7 111.0 5.0 31.5.2N CL 10 038 10 1-2 1/4 2-3 4.7 111.0 5.0 31.5.2N CL 10 025 20 3-4 190 3-5 4.8 101.0 5.0 31.5.2N CL 10 036 19 3-4 190 3-5 4.8 101.0 5.0 31.5.2N CL 10 036 19 3-4 190 3-5 4.8 101.0 5.0 31.5.2N CL 10 054 16 1-2 120 4-6 4.0 100.7 1.8 31.5.2N CL 10 054 16 1-2 120 4-6 4.0 101.7 4.8 31.5.2N CL 10 054 16 1-2 120 4-6 4.2 1010.8 6.1 31.5.2N CL 10 50 10 1 120 2-3 4.1 101.1 6.9 31.5.2N CL 10 50 10 1 120 2-3 4.1 101.1 6.9 31.5.2N CL 10 50 10 1 120 2-3 4.1 101.1 6.9 31.5.2N CL 10 71 6 1 180 2-3 5.0 101.1 7.1 31.5.2N CL 10 350 7 1-2 150 3-4 5.8 101.0 5.9 31.5.2N CL 10 350 7 1-2 150 3-4 5.8 101.0 5.9 31.5.2N CL 10 345 8 2-3 155 3-4 5.8 101.0 5.9 31.5.2N CL 10 345 8 2-3 155 3-5 5.5 1009.5 6.0 31.5.2N CL 10 345 8 2-3 155 3-5 5.5 1009.5 6.0 31.5.2N C 10 345 8 2-3 155 3-5 5.5 1009.5 6.0 31.5.2N C 10 345 8 2-3 155 3-5 5.5 1009.5 6.0 31.5.2N C 10 345 8 2-3 155 3-5 5.5 1009.5 6.0 31.5.2N C 10 345 8 2-3 155 3-5 5.5 1009.5 6.0 31.5.2N C 10 345 8 2-3 155 3-5 5.5 1009.5 6.0 31.5.2N C 10 345 8 2-3 155 3-5 5.5 1009.5 6.0 31.5.2N C 10 345 8 2-3 155 3-5 5.5 1009.5 6.0			

						DAY		DATE		TIME ZO		
	MILLER F	REBMAN				MOND	Ay	23 M	v 99	+	8	
			>			Ш	. .		α	.	TEMPER	ATURE
IME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIN		SEA WAVE HEIGHT (Ft.)		WAVES	WATER EMP.	SEA LEVEL PRESSURE (mb)	0	<u>c </u>
	Clare West		SI A	(True)	SPEED (Kts.)	S. E.	(True)	HEIGHT (Fi.)	SEA		BULB	BULB
01	56.04.4.₩ 26.04.5.₩		10	311	16				1005.	6.9	6.8	5.2
02	\$6013.3W		10	324	20	/		/	005	6.6	6.6	5.2
03	56017.11N		10	312	RO	2 3		/		6.9	6.5	5.3
با ^د	53151 3141 56020.61 N	PC	10	310	15	2-3	NA	3-5	1013.9	6.Z	6.5	5.5
, J	153030.3 W	PC	10	310	20	2-3	300	2-3	100Z.0	6.3	6./	5.2
06	153914.91W	PC	10	305	25	4-5	M/A	3-5	1001.1	6.1	6.0	5.6
"	56026.41N 153013.91W	PC	10	305	22	4-5	290	3-5	1001.5	6./	6.8	5.
08	53° 11.16' W	Pc	10	302	2-3	4-5	· <u>-</u> -		6075	1001.5	4.9	7.
	\$6°25.4 N 153 08.8'W	PC(3/8)	10	300	28	5-7	/	/	6.2	1001,2	6.3	5.8
	153° 7.1'W	Pc (3/8)	9	285	23	5-7			6.1	1001.4	62	5.8
11 /	560 31.7' N	55(3/8)	10	281	26	5-7			6.4	1000.5	6.7	5.6
12	56°43.3'W	oc	10	284	14	5-7			6.3	1000.6	7.3	5.9
13	125.23.4.W	PC	0	780	14	5-7			6.6	1000.7	7.0	5.8
	57002.6'N	PC	10	342	10	4-5			7.2	10005	7.4	5.5
13	57°14.4'N 152°18.8'V	PC	10	28	15	4-5	2		8.2	1001.1	8.9	7.
16	57024.41N 152009.5'W	CL	10	355	19	4-5	010	4-5	5.9	1001.9	7.9	6.
"	57036.1.N	ch	10	COBZ	19	4-5	020	5-8	5.7		9.1	7,0
18	57943.2'N 152:12.4'W	CL	10	105	15	2-3	060	4-5	5.7	1003.1	10.9	8.0
19	5743.7'N		77	340-	7	-						
20				<u>, </u>	,							
21	57°43.7' N 152°30.9' W	CL	10	340	7				NO DATA	1204.2	8.1	5.9
22	56°40.3' N 530-19'4' W	CL	10	7-1-	 				×2.114	1008.1	7.9	5.9
23										1000.1		<u> </u>
4									 		·	
	KS	l				<u> </u>		1	!	<u> </u>	L	<u> </u>

NOAA	SHIP					DAY		DATE		TIME ZO	NE	
N	ILLIER FA	REEMAI	V			TUES	DAY	MAY,	25, 1999	+	8	
TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	FLITY S	WIN	D	YAVE SHT	SWELL	WAVES	ATER 1P.	EVEL SURE	TEMPER	
ļ			VISIBILITY (N.M.)	DIR. (True)	SPEED (Kts.)	SEA WAVE HEIGHT (Fi.)	DIR. (True)	HEIGHT (F1.)	SEA WATER TEMP.	SEA LEVEL PRESSURE (mb)	DRY BULB	WET BULB
01			<u> </u>									
02		51										
03		1						1				
04										=		
05	Ď.											
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14										-		
15	П						,					
16												
17	57039.41N 152003.3'W	PC	10	125	08	0-1	095	3-5	6.6	1008.1	8.9	6.9
18	57029.21N 152007.81N	Pl	10	155		0	150	3-4	6.1	1007.4	7.9	6.2
19	57018.91 N 152016.4W	PC	10	1	04	0	210	2-3		1007.4	8.0	6.2
20	570 1211'N 152032.2'W	PC	10	196	04	0	210	2-4		1008.2		
21	152° 50.8'W	PC		252	04	0	210	3-4	7.5.	108.2	<u> </u>	7.2
22	560 65.4' N 1820 9.5'W	PC	10.			0	NOSH			1008.	9.4	7.1
23	560 49.0 M	PL	10	280	04	1-2	165	3-41		1008.0	9.4	7.3
24	56°40.3'N 153°19'4'w	PC	10	15	309				6.6	1008.		5.5
ŖEMAI			1.112	Į 						7,000		<u> </u>
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AAOI	SHIP					DAY		May :	6	TIME ZO		
i	MILLER 1	CDP en	10 A			WEL	4	1999	_	+8	•	
F	· I E E E E		.0.7			L-W-Lek	· J	<u></u> -				
IME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIW	D	SEA WAVE HEIGHT (F1,)	SWELL	WAVES	WATER EMP.	EVEL SURE S)	TEMPER 0	ATURE
			VISIB (N.)	DIR. (True)	SPEED (Kta.)	SEA V HEI	DIR. (True)	HEIGHT (Fi.)	SEA W	SEA LEVEL PRESSURE (mb)	DRY BULB	WET
01	66°38.2'N	CL	10	305	19	3-4		/	5.8	10481	7,0	4.8
02	56041.3'N 154014.4W	CL	10	3 3 Z	23				5.6	1018.4	5.5	4.
J3	1216257, M	PC	10	354	18				5.7	1019.7	5.1	3.
,,	56044.8'N 154051.6'W	PC	10	338	20	3-4	435	4-5	6.0	1009.8	4.8	3.0
05	56045.61N 185011.11W	Pe	10	345	20	3- <i>5</i>	315	3-5	5. /	1010.0	3.9	2.1
06	1550 26.7'W	PC	10	345	26	4-6	320	3-5	5.2	1010.0	3.9	2.0
07	56053.0'N 155038.6W	PC	10	350	22	5	320	3-5	5.4	10/0.0	4.0	Z. 2
08	56°58.8' N 155° 49.5' W	PC	16	357	22	5	339	3-5	5.2	1010.0	4.	2.
09	51° 2.9' N 55° 57.4'W	PC	10	348	22	5	350	3-5	5.4	1010.0	4.2	3.
10	57° 3.6' N 156° 1).8' W	PC	Ç	330	4	3-4			6.2	1010.0	548	4.
11 🚊	140 59.8'N	PC	18	094	7	1-2			6.4	1010.0		4.
12	126 25.5.W	PC	10	153	5	L 3	340	3-5	6.9	Юю		5.0
13	56045.7 W	PC	10	30	6	2-3	33°C	3-5	6.2	tow.	4.9	3.
14	56°40.2'N	PC	10	18	ч	2-3	335	3-5	5.6	1010.1	5.2	3.
15	56°37.8'N	PC	10	250	.8	2-3	335	2-5	6.0	1010.2	-	51
16	56037.6' N 156001.6'W	PC	10	Z 55	12	43	N/A	3-5	5.9	10/0./	5.1	3.
17	56042.9'N	PC	10	79	8	2-3	50	3-5	5 . 8	1010.1	7.9	45
18	56049.41N 156024.9'W	PC	10	080	04	1-2	N/A	3-4	6.7	1010.1	6.2	4.9
19	56049.61N 156035.41W	C	10	210	06		270	3	6.1	1010.0	0 4	9.0
20	66°44.9° N 156°48.4′ W	C	9	310	11	0-1	170	3		1010.0		6.5
21	56° 37.8'N	C	10	290	17-	0-1			حسد مدا	1010-0	7.3	4.
22	136 37.6 W	PC	10	290	20	3-4				1010.1	4.8	4.4
23	36° 34.7 N 156° 63.4'W	PC.	10	294	19	4-5			5.7	1010.5		4.0
 24	56°Z1.8'N 156°08.3'W	PC	10	300	15	4-5			6.8	1010.2		3.
EMAF		,,	10	300		1.7		i	10.0	10.2	12.0	<u>, ,, , , , , , , , , , , , , , , , , ,</u>
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		<u>-</u>	E.	······································					-	-		,
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N	HIP					DAY	1	DATE May 2	<i>37</i> 9	TIME ZON	E	
	ILLER FRE	EEMAN	l			THUR		1999		10		
ME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)		SPEED	SEA WAVE HEIGHT (Fi.)	SWELL DIR.	WAVES HEIGHT	SEA WATER TEMP.	SEA LEVEL PRESSURE (mb)	DRY BULB	
	56°15.2'N	PC	10	(True) 290	(Kts.)	7-3	170	3-4	5.0		4.9	3.)
	26010 .6. W	PC	10	309	15	2-3	130	3-4	5.1	138,81	4.9	2.9
	56003.7 W	PC	10	318	16	2-3			5.7	1011-2	3.9	z.1
	56010.11N 156028.5'W	PC		308	18	3-4	N/A	2-3	5.3	1011	3.2	1.9
5	56015.6' N 156039.0'W	PC	10	315	19	3-5	295	3	5.2	1011.1	3.0	1.5
	56020.91N 156034.8'W	CL	10	315	20	3-5			4.9	1011.1	2.1	1.0
-	56026.81N 156034.4'W	PC	10	320	19	3-5			5.1	1011.1	Z.2	0.9
8	560 30.5'N	PC	16	3/2	21	3-5			4.7	1011.7	4.6	2.4
9	560 26.0'N	ا د	10	315	19	3-5			4.3	1012.0	3.1	1.0
	56 - 28' N 157 - 2.8' W	PC	10	317	20	3-5			4.3	1012.1	2.9	.9
1	56.0 SS.S.W	٩٥	10	325	21	3-5			5.2	1012.0	1.8	6
2	26°23.7W	PC	10	318	11	3-5			4.6	1012.3	30	4,9
3	56017.0.N	PC	10	289	5	3-5	-		4.5	KOIZ.Z	3.2	2.5
14	156. 81.2'W	PC	10	290	9	3-5			8.4	1013.0	3.2	4.9
15	56' 4.3'N 156' 36.6'W	PC.	10	274	9	2-4			5.5	1013.0	3.4	5.0
6	54 16.9 W	CL	10	245	6	2-4	295		5.5	10 (3.9	3.1	1.4
17	56 18.7 N 156 44.8 W	CL	10	222	6	2-4	295	_	5.2	1013.9	5.0	3.0
18	560/8.41 N 156038.2'W	CL	10	165	08	0-1	285	1-2	5.6	1013.6	5.8	3./
9	56014.61 N 1560 38.31 W	CL	10	165	05	0-1	280	1-2	5.7	1013.8	6.1	3.9
20	56" 16.9 1 N 156" 48.2' W	CL 7/8)	10	207	10	1-2			5.2	1013.9	4.8	3,0
21	56012.6'N	CL (%)	10	245	06	0-1			5.7	1014.		4.1
22	56 10.0 N 156 28.1 W	CL	10	255	06	6-2	195	3-5	5.6	1014.2	1	3.9
23	56° 8.4' N	cı	10	251	10	0-1			5.6		T	3.
24	56004.4'N	CL	10	239	3	0-1	/		5.3	1014.9	15.3	3.8

MILLER FREEMAN FRI 28 1979 48 TIME POSITION (Lat. and Long.) PRESENT PC 10 705 4 0-1	MILLER FREEMAN FRI 28 1997 48 18 18 18 18 18 18 18	•		DEC	K LU	G - WE	AINER	ÚP2EK	VAIIU					
TIME POSITION PRESENT	TIME (Lai. and Long.) PRESENT (Lai. and Lai. and La	NÖAA	SHIP	,				DAY		Mera	٠.			•
TIME (Lat. and Long.) PRESENT (Lat. and Long.) PRESENT (CLUI. and Long.)	TIME (Last and Long.) PRESENT (Last and Last and		MILLER	FREEM	MAN			FRI		28	1499	42	3	
01	01 180200 PC 10 205 H 0-1							-						
01	01 \$\frac{\text{if products}{\text{if products}{\te	TIME		PRESENT WEATHER	ILITY K.)	WIW	D	WAVE GHT f.)	SWELL	WAVES	ATER MP.	EVEL SURE b)		
02 \$\frac{15}{15}\frac{12}{15}\frac{1}{10}\$ PC 10 \$\frac{221}{11}\$ 11 \$\frac{1}{1}\$ 5.6 \text{10HB}\$ 6.5 \qu	02 \$7.00 \$				BISIA			SEA V HEI			SEA ¥	SEA L PRES		
02 \$6.01.5 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	02	01	26015001A		10	205	4	0-1	/,		5.3	1015.0	6.1	4.7
04	04 SAGO 15 W CL 10 180 10 1-2 W/n 2-3 5.5 1015.0 6.2 4.2 05 SAGO 15 W CL 10 186 08 1-2 260 2-3 5.8 1015.0 6.8 5.0 06 SAGO 17.2 W CL 10 115 10 0-1 235 2 5.0 1015.0 6.5 4.9 07 SAGO 17.3 W CL 10 200 09 0-1 235 2 5.7 1015.0 6.5 4.9 08 SAGO 17.3 W CL 10 174 09 0-1 200 2 5.7 1015.0 6.6 5.1 09 SAGO 17.3 W CL 10 150 10 0-1 200 2 5.7 1015.5 5.3 4.0 09 SAGO 17.3 W CL 10 150 10 0-1 200 2 5.8 1015.5 5.9 4.4 10 SAGO 17.3 W CL 10 140 14 1 200 2 5.8 1015.5 7.1 5.1 11 SAGO 17.3 W CL 10 130 16 1 210 2 5.7 1015.1 7.1 5.2 12 SAGO 17.3 W CL 10 130 16 1 210 2 5.7 1015.1 7.1 5.2 13 SAGO 17.3 CL 10 122 14 2 5.8 1014.3 9.2 6.9 14 SAGO 17.3 CL 10 120 15 3-4 140 2-3 5.5 1014.1 9.2 6.8 15 SAGO 17.3 CL 10 120 15 3-4 140 3-5 5.6 1013.8 6.7 5.1 16 SAGO 17.3 CL 10 121 16 3-4 140 3-5 5.6 1013.8 6.7 5.1 17 SAGO 17.3 CL 10 098 19 3-4 140 3-4 5.7 1013.6 8.8 5.9 18 SAGO 17.3 CL 10 098 19 3-4 160 3-4 5.7 1013.6 8.8 5.9 19 SAGO 17.3 CL 10 098 19 3-4 160 3-4 5.7 1013.6 8.8 5.9 20 SAGO 17.3 CL 10 098 19 3-4 160 3-4 5.7 1013.6 8.8 5.9 21 SAGO 17.3 CL 10 098 19 3-4 160 3-4 5.7 1013.6 8.8 5.9 22 SAGO 17.3 CL 10 096 19 3-4 6.3 1011.3 5.0 4.6 22 SAGO 17.3 CL 10 096 19 3-4 6.3 1011.3 5.0 4.6 23 SAGO 17.3 CL 10 096 19 3-4 6.3 1011.3 5.0 4.6 24 SAGO 17.3 CL 10 096 19 3-4 6.3 1011.3 5.0 4.6 24 SAGO 17.3 CL 10 032 91 4+ 6.9 6.5 6.6 6.9 6.5 6.6 6.9 6.5 6.6 6.9 6.5 6.6 6.9 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5	02	156051.0 M	PC	10	221	11	0-1			5.6	1 ठापन	6.5	4.2
15	5 56 56 56 W CL 10 186 08 1-2 260 2-3 5-8 1015.0 6.2 7-2 6 56 07.2 W CL 10 115 10 0-1 235 2 5.0 1015.0 6.5 4.9 6 56 07.2 W CL 10 200 09 0-1 235 2 5.0 1015.0 6.5 4.9 7 56 07.3 W CL 10 200 09 0-1 235 2 5.7 1015.1 6.6 5.1 8 56 07.3 W CL 10 171 09 0-1 200 2 5.7 1015.5 5.3 4.0 9 56 07.3 W CL 10 150 10 0-1 200 2 5.7 1015.5 5.3 4.0 10 56 07.3 W CL 10 150 10 0-1 200 2 5.7 1015.5 7.1 5.1 10 56 07.3 W CL 10 1140 114 1 200 2 5.8 1015.5 7.1 5.1 11 56 07.1 W CL 10 130 16 1 710 2 5.7 1015.1 7.1 6.9 12 56 07.1 W CL 10 130 16 1 710 2 5.7 1015.1 7.1 6.9 13 56 07.1 W CL 10 133 18 2.3	03	18. 2i. νω		10		10	0-1				10149	5.6	4.1
15	10 186 09 5 1	04	154017.9'W		10			1-2	N/A	2-3	5.5	1015.0	6.2	4.2
10	10 1550 52.6 M CL 10 120 09 0-1 235 Z 5.7 1015.1 6.6 5.1 10 1560 51.1 M CL 10 171 09 0-1 200 Z 5.7 1015.5 5.3 4.0 10 1560 51.1 M CL 10 150 10 0-1 200 Z 5.7 1015.5 5.9 4.4 10 1560 51.1 M CL 10 150 10 0-1 200 Z 5.8 1015.5 5.9 4.4 10 1560 51.1 M CL 10 140 14 1 200 Z 5.8 1015.5 7.1 5.1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	05	156009.5'W		10	186	08	1-2			5.8	1015.0	6.8	
08 \$60 \$6.4. N CL 10 171 09 0-1 200 2 5.7 18156 5.3 4.0 09 \$60 27.9. N CL 10 150 10 0-1 200 2 5.8 1015.5 5.9 14.4 10 \$60 27.9. N CL 10 140 14 1 200 2 5.8 1015.5 7.1 5.1 11 \$60 16. N CL 10 140 14 1 200 2 5.8 1015.1 7.0 5.2 12 \$60 25. N CL 10 130 16 1 710 2 5.7 1015.1 9.1 6.9 13 \$60 16. N CL 10 130 16 1 710 2 5.7 1015.1 9.1 6.9 14 \$60 25. N CL 10 138 18 2.3	08 858 18-11 W CL 10 171 09 0-1 200 2 5.7 1815.6 5.3 4.0 09 \$6.27.91 CL 10 150 10 0-1 200 2 5.8 1015.5 5.9 14.4 10 \$6.27.91 CL 10 140 14 1 200 2 5.7 1015.5 7.1 5.1 11 \$6.61.6. W CL 10 140 14 1 200 2 5.8 105.1 7.0 5.2 12 \$6.35.9 W CL 10 130 16 1 710 2 5.7 1015.1 9.1 6.9 13 \$6.95.91 CL 10 138 18 2.3	06	155052.6W	CL	10	4		0-1	235		<u>. </u>	10150	6.5	4.9
09 655 46.1 CL 10 150 10 0-1 200 2 5.7 1015.6 5.3 4.0 10 560 25.9 CL 10 150 10 0-1 200 2 5.8 1015.5 5.9 4.4 10 560 25.8 CL 10 140 14 1 200 2 5.8 1015.5 7.1 5.1 11 560 25.2 W CL 10 140 14 1 200 2 5.8 1015.1 7.0 5.2 12 1560 25.2 W CL 10 130 16 1 710 2 5.7 1015.1 9.1 6.9 13 1560 25.3 W CL 10 130 18 2.3 5.6 1014.3 9.2 6.9 14 1560 25.3 W CL 10 133 18 2.3 5.6 1014.3 9.2 6.9 15 1560 25.3 W CL 10 133 18 2.3 5.4 1014.2 10.1 7.2 16 1570 25.9 W CL 10 120 15 3-4 140 2-3 5.5 1014.1 9.2 6.8 17 1550 750 W CL 10 129 16 3-4 140 3-5 5.6 1013.8 6.7 5.1 18 1570 25.9 W CL 10 105 18 3-4 140 3-4 5.7 1013.6 8.8 5.9 19 19 19 19 19 17 2-3 55 2-3 6.1 192.5 7.8 5.4 20 17 17 17 17 17 17 17 2-3 55 2-3 6.1 192.5 7.8 5.4 21 17 17 17 17 17 17 17	09 \$6.27.4 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	07	56010.51 N 155037.31W	CL	10	200	09	0-1	235	2	5.7	10/5.1	6.6	5.1
10 50° 25° 0° 10	10 50 75 1 CL 10 130 10 8-1 200 2 5.7 1015.5 7.1 5.1 11 56 16 16 1 CL 10 140 14 1 200 2 5.7 1015.5 7.1 5.1 12 56 16 16 1 CL 10 130 16 1 710 2 5.7 1015.1 7.1 6.9 13 56 16 16 1 CL 10 130 16 1 710 2 5.7 1015.1 7.1 6.9 13 56 16 16 1 CL 10 130 16 1 710 2 5.7 1015.1 7.1 6.9 14 15 16 16 17 CL 10 138 18 2:3 5.6 1014.3 7.2 6.9 15 56 16 17 CL 10 138 18 2:3 5.6 1014.3 7.2 6.9 16 16 16 17 CL 10 133 18 2-3 5.4 1014.2 0.1 7.2 16 16 17 05 5 1 CL 10 120 15 3-4 140 2-3 5.5 1014.1 9.2 6.8 17 15 50 55 10 CL 10 124 16 3-4 140 3-5 5.6 1013.8 6.7 5.1 18 15 50 55 10 CL 10 10 5 18 3-4 140 3-4 5.7 1013.6 8.8 5.9 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10	08	1550 46.1' W	CL	10	171	09	0-1	200	2	5.7	1015.6	5.3	4.0
11 SG 21.8 CL 10 140 14 1 200 2 5.7 1015.3 1.1 5.1 12 FG 25 - 9 W CL 10 130 16 1 710 2 5.7 1015.1 9.1 6.9 13 ISG 22.8 CL 10 138 18 2.3 5.8 1014.3 9.2 6.9 14 ISG 23.8 CL 10 138 18 2.3 5.6 1014.3 9.2 6.9 15 ISG 25.9 W CL 10 133 18 2-3 5.4 1014.2 0.1 7.2 16 ISG 25.9 W CL 10 120 15 3-4 140 2-3 5.5 1014.1 9.2 6.8 17 ISG 25.9 W CL 10 129 16 3-4 140 3-5 5.6 1013.8 6.7 5.1 18 ISG 25.9 W CL 10 105 18 3-4 140 3-4 5.7 1013.6 8.8 5.9 19 ISG 25.9 W CL 10 098 19 3-4 160 3-4 5.7 1013.6 8.8 5.9 19 ISG 25.9 W CL 10 098 19 3-4 160 3-4 5.7 1013.2 8.6 5.0 20 ISG 25.9 W CL 10 098 14 3-4 3-3 55 2-3 6.1 192.5 7.8 5.4 21 ISG 26.9 W CL 10 078 16 3-4	11 \$6.0 1.5 CL 10 140 14 1 200 2 5.7 1015.15 7.1 5.1 12 \$76.05.9 N CL 10 130 16 1 710 2 5.7 1015.15 7.1 6.9 13 \$76.05.9 N CL 10 130 16 1 710 2 5.7 1015.15 7.1 6.9 13 \$76.05.0 N CL 10 138 18 2.3 5.6 1014.3 7.2 6.9 14 \$76.05.0 N CL 10 138 18 2.3 5.6 1014.3 7.2 6.9 15 \$76.05.0 N CL 10 120 15 3.4 140 2.3 5.5 1014.1 9.2 6.8 16 \$76.05.0 N CL 10 120 15 3.4 140 2.3 5.5 1014.1 9.2 6.8 17 \$76.05.0 N CL 10 129 16 3.4 140 3.5 5.6 1013.8 6.7 5.1 18 \$76.05.0 N CL 10 105 18 3.4 140 3.4 5.7 1013.6 8.8 5.9 19 \$77.05.0 N CL 10 105 18 3.4 140 3.4 5.7 1013.6 8.8 5.9 19 \$77.05.0 N CL 10 098 19 3.4 160 3.4 5.7 1013.6 8.8 5.9 20 \$77.05.0 N CL 10 098 19 3.4 160 3.4 5.7 1013.2 8.6 5.0 21 \$77.05.0 N CL 10 078 16 3.4 N (0.4 10.12.1 5.3 4.2 22 \$77.05.0 N CL 10 078 16 3.4 N (0.3 1011.3 5.0 4.6 23 \$76.05.0 N CL 10 078 16 3.4 N (0.3 1011.3 5.0 4.6 24 \$76.05.0 N CL 10 32 91 44 N (0.3 1011.3 5.0 4.6 25 \$76.05.0 N CL 10 078 16 0.4 1009.4 7.0 5.6 26 \$76.05.0 N CL 10 32 91 44 N (0.3 1011.3 5.0 4.6 27 \$76.05.0 N CL 10 078 14 14 N (0.3 1011.3 5.0 4.6 28 \$76.05.0 N CL 10 078 16 0.4 1009.4 7.0 5.6 29 \$76.05.0 N CL 10 078 16 0.4 1009.4 7.0 5.6 20 \$76.05.0 N CL 10 078 16 0.4 1009.4 7.0 5.6 20 \$76.05.0 N CL N N N N N N N N N	09	1560 1.91W	CL	10	150	10	0-1	200	2	58	1015.5	5.9	4.4
11 \$60 16.6 N CL 10 140 14 1 200 2 5.8 1015.1 7.0 5.2 12 \$6035.9 N CL 10 130 16 1 710 2 5.7 1015.1 9.1 6.9 13 \$6040.7 N CL 10 122 14 2 5.8 1014.3 9.2 6.9 14 \$6035.8 N CL 10 138 18 2.3 5.6 1014.3 9.2 6.9 15 \$6056.1 N CL 10 138 18 2.3 5.6 1014.3 9.2 6.9 16 \$6056.1 N CL 10 133 18 2.3 5.4 1014.2 10.1 7.2 16 \$6056.1 N CL 10 120 15 3-4 140 2-3 5.5 1014.1 9.2 6.8 17 \$701.4 N CL 10 120 16 3-4 140 3-5 5.6 1013.8 6.7 5.1 18 \$55095.0 N CL 10 105 18 3-4 140 3-5 5.6 1013.8 6.7 5.1 18 \$55095.0 N CL 10 098 19 3-4 160 3-4 5.7 1013.6 8.8 5.9 19 \$57026.9 N CL 10 098 19 3-4 160 3-4 5.7 1013.6 8.8 5.9 10 \$7026.9 N CL 10 098 19 3-4 160 3-4 5.7 1013.2 8.6 5.0 20 \$7036.3 N CL/R 10 091 17 2-3 55 2-3 6.1 192.5 7.8 5.4 21 \$7036.3 N CL/R 10 078 16 3-4 6.4 1012.1 5.3 4.2 22 \$57031.1 N CL/R 10 040 19 3-4 6.4 1012.1 5.3 4.2 23 \$57036.0 N CL/R 10 040 19 3-4 6.4 1009.4 7.0 5.6	11	10	156 2.8 W	حد	10	141	12	8-1	200	2	5.7	1015.5	7.1	5.1
12 \$60\$5.9.W CL 10 130 16 1 710 2 5.7 1015.1 9.1 6.9 13 \$60\$1.8.W CL 10 122 14 2 5.8 1014.3 9.2 6.9 14 \$60\$1.8.W CL 10 138 18 2.3 5.6 1014.3 3.2 6.9 15 \$60\$5.9.W CL 10 133 18 2.3 5.4 1014.2 10.1 7.2 16 \$60\$5.9.W CL 10 120 15 3.4 140 2.3 5.5 1014.1 9.2 6.8 17 \$60\$5.9.W CL 10 129 16 3.4 140 3.5 5.6 1013.8 6.7 5.1 18 \$60\$5.9.W CL 10 105 18 3.4 140 3.4 5.7 1013.6 8.8 5.9 19 \$60\$6.9.W CL 10 105 18 3.4 140 3.4 5.7 1013.6 8.8 5.9 19 \$60\$6.9.W CL 10 098 19 3.4 160 3.4 5.7 1013.2 8.6 5.0 20 \$60\$6.9.W CL 10 098 19 3.4 160 3.4 5.7 1013.2 8.6 5.0 21 \$60\$6.9.W CL 10 078 16 3.4 6.4 102.5 7.8 5.4 22 \$60\$6.9.W CL 10 078 16 3.4 6.4 1012.1 5.3 4.2 23 \$60\$6.9.W CL R 10 0060 19 3.4 6.4 1019.4 7.0 5.6 23 \$60\$6.9.W CL R 10 0060 19 3.4 6.4 1019.4 7.0 5.6 23 \$60\$6.9.W CL R 10 0060 19 3.4 6.4 1019.4 7.0 5.6 24 \$60\$6.9.W CL R 10 0060 19 3.4 6.4 1019.4 7.0 5.6 25 \$60\$6.9.W CL R 10 0060 19 3.4 6.4 1019.4 7.0 5.6 26 \$60\$6.9.W CL R 10 0060 19 3.4 6.4 1019.4 7.0 5.6 27 \$60\$6.9.W CL R 10 0060 19 3.4 6.4 1019.4 7.0 5.6 28 \$60\$6.9.W CL R 10 0060 19 3.4 6.4 1019.4 7.0 5.6 29 \$60\$6.9.W CL R 10 0060 19 3.4 6.4 1019.4 7.0 5.6 20 \$60\$6.9.W CL R 10 0060 19 3.4 6.4 1019.4 7.0 5.6 20 \$60\$6.9.W CL R 10 0060 19 3.4 6.4 1019.4 7.0 5.6 20 \$60\$6.9.W CL R 10 0060 19 3.4 6.4 1019.4 7.0 5.6 20 \$60\$6.9.W CL R 10 0060 19 3.4 6.4 1019.4 7.0 5.6 21 \$60\$6.9.W CL R 10 0060 19 3.4 6.4 1019.4 7.0 5.6 22 \$60\$6.9.W CL R 10 1060 1060 1060	12 5635-3 CL 10 30 16 1 710 2 5.7 1015.1 9.1 6.9 13 56 10.7 CL 10 122 14 2 5.8 1014.3 9.2 6.9 14 15 15 15 15 15 15 15	11	560 31.6', N	CL	10	140	14	1	200	2	5.8	1015.1	7.0	5.2
13 \$6.40.71N	13 \$\frac{\chi_{\chi}\chi_{\	12	5695.9'N	CL	10	130	16		015	2		1015.1	9.1	6.9
14	14 \$80 08.1 w CL 10 138 18 2:3 5.6 1014.3 1.2 6.9 15 156 56.1 m/n CL 10 133 18 2-3 5.4 1014.2 10.1 7.2 16 157 055.2 m/n CL 10 120 15 3-4 140 2-3 5.5 1014.1 9.2 6.8 17 155 07.5 cm CL 10 129 16 3-4 140 3-5 5.6 1013.8 6.7 5.1 18 157 07.2 m/n CL 10 105 18 3-4 140 3-4 5.7 1013.6 8.8 5.9 19 57 07.2 m/n CL 10 098 19 3-4 160 3-4 5.7 1013.2 8.6 5.0 19 57 07.2 m/n CL 10 098 19 3-4 160 3-4 5.7 1013.2 8.6 5.0 10 10 10 10 10 10 10	13	56040.7'N	cL	10	122	14	2			5.8	1014.3	9.2	6.9
15 $\frac{16851.1\%}{158051.2\%}$ CL $\frac{10}{120}$ $\frac{133}{15}$ $\frac{18}{3.4}$ $\frac{2-3}{140}$ $\frac{5.4}{2-3}$ $\frac{1014.2}{0.1}$ $\frac{7.2}{1.2}$ $\frac{16}{168025.9\%}$ CL $\frac{10}{10}$ $\frac{120}{15}$ $\frac{15}{3.4}$ $\frac{140}{140}$ $\frac{2-3}{3.5}$ $\frac{5.5}{1014.1}$ $\frac{9.2}{9.2}$ $\frac{6.8}{6.7}$ $\frac{5.7019.4\%}{17}$ $\frac{1013.8}{18}$ $\frac{6.7}{19}$ $\frac{1013.8}{19}$ $\frac{6.7}{19}$ $\frac{5.7019.4\%}{19}$ $\frac{7.70}{19}$ $\frac{7.70}{19}$ $\frac{7.70}{19}$ $\frac{7.70}{19}$ $\frac{7.70}{19}$ $\frac{7.70}{19}$ $\frac{7.70}{10}$ 7.70	15 16 651.2 w CL LO 133 18 2-3	14	158008.1.W		10	138	18	z:3			5.6	1014.3	9,2	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	16 \$7005.61 CL 10 120 15 3-4 140 2-3 5.5 1014.1 9.2 6.8 17 \$50075.0.W CL 10 129 16 3-4 140 3-5 5.6 1013.8 6.7 5.1 18 \$50075.0.W CL 10 105 18 3-4 140 3-4 5.7 1013.6 8.8 5.9 19 \$50075.0.W CL 10 098 19 3-4 160 3-4 5.7 1013.6 8.8 5.9 10 \$7008.91 CL 10 098 19 3-4 160 3-4 5.7 1013.2 8.6 5.0 20 \$70034.21 CL 10 091 17 2-3 55 2-3 6.1 192.5 7.8 5.4 21 \$7009.31 CL/R 10 078 16 3-4 6.4 1012.1 5.3 4.2 22 \$5009.31 CL/R 10 078 16 3-4 6.4 1012.1 5.3 4.2 23 \$5009.21 CL/R 10 078 16 3-4 6.4 1009.4 7.0 5.6 24 \$7009.21 CL/R 10 32 91 4 6.4 1009.4 7.0 5.6 25 \$7008.21 CL/R 10 32 91 4 6.4 1009.4 7.0 5.6 26 \$7008.21 CL/R 10 32 91 4 6.4 1009.4 7.0 5.6	15	195053.2 W	cL	10	133	18	2-3			5.4	1014.2	10.1	
18 57° 19.4'N CL 10 105 18 3-4 140 3-4 5.7 1013.6 8.8 5.9 19 57° 26.9'N CL 10 098 19 3-4 160 3-4 5.7 1013.2 8.6 5.0 20 57° 341.3'N CL/R 10 091 17 2-3 55 2-3 6.1 192.5 7.8 5.4 21 57° 40.3'N CL/R 10 078 16 3-4 6.4 1012.1 5.3 4.2 22 154° 316.0 CL/R 10 040 19 3-4 6.3 1011.3 5.0 4.6 23 153° 56.9'N CL/R 10 - 00 <1 6.4 1009.4 7.0 5.6 3.3	18	16	15 80 25.9'W	CL	10	120	15	3-4	140	2-3	5.5			
18 57° 19.4'N CL 10 105 18 3-4 140 3-4 5.7 1013.6 8.8 5.9 19 57° 26.9'N CL 10 098 19 3-4 160 3-4 5.7 1013.2 8.6 5.0 20 57° 341.3'N CL/R 10 091 17 2-3 55 2-3 6.1 192.5 7.8 5.4 21 57° 40.3'N CL/R 10 078 16 3-4 6.4 1012.1 5.3 4.2 22 154° 316.0'N CL/R 10 040 19 3-4 6.3 1011.3 5.0 4.6 23 153° 51.9'N CL/R 10 - 00 <1 6.4 1009.4 7.0 5.6 32° N CL/R 10 - 00 <1 6.4 1009.4 7.0 5.6 32° N CL/R 10 - 00 <1 6.4 1009.4 7.0 5.6 32° N CL/R 10 - 00 <1 6.4 1009.4 7.0 5.6 32° N CL/R 10 - 00 <1 6.4 1009.4 7.0 5.6 32° N CL/R 10 - 00 <1 6.4 1009.4 7.0 5.6 32° N CL/R 10 - 00 <1 6.4 1009.4 7.0 5.6 32° N CL/R 10 - 00 <1 6.4 1009.4 7.0 5.6 32° N CL/R 10 - 00 <1 6.4 1009.4 7.0 5.6 32° N CL/R 10 - 00 <1 6.4 1009.4 7.0 5.6 32° N CL/R 10 - 00 <1 6.4 1009.4 7.0 5.6 32° N CL/R 10 - 00 <1 6.4 1009.4 7.0 5.6 32° N CL/R 10 - 00 <1 6.4 1009.4 7.0 5.6 32° N CL/R 10 - 00 <1 6.4 1009.4 7.0 5.6 32° N CL/R 10 - 00	18	17	570114.N 155075.O.W	CL	10	129	16	3-4	140	3-5	5.6	1013.8	6.2	5.1
19 57°26.9'N CL 10 098 19 3-4 160 3-4 5.7 1013.2 8.6 5.0 20 57°34.2'N CL/R 10 091 17 2-3 55 2-3 6.1 192.5 7.8 5.4 21 57°40.3'N CL/R 10 078 16 3-4 6.4 1012.1 5.3 4.2 22 57°41.1'N CL/R 10 060 19 3-4 6.3 1011.3 5.0 4.6 23 57°55.0'N CL/R 10 000 19 3-4 6.4 1009.4 7.0 5.6	19 57026.9 (N) CL 10 098 19 3-4 160 3-4 5.7 1013.2 8.6 5.0 20 57034.2 (N) CL/R 10 091 17 2-3 55 2-3 6.1 192.5 7.8 5.4 21 57040.3 (N) CL/R 10 078 16 3-4 6.4 1012.1 5.3 4.2 22 57041.1 (N) CL/R 10 060 19 3-4 6.3 1011.3 5.0 4.6 23 1530 51.0 (N) CL/R 10 0 0 <1 6.4 1009.4 7.0 5.6 24 57038.2 (N) CL/R 10 32 91 47 6.9 1009.4 7.0 5.6 24 153057.2 (N) CL/R 10 32 91 47 6.9 1009.4 7.0 5.6	18	57019.4'N	CL	10		18	 	140	† 	المراكب الأ			
20 57° 34.2' N CL/R 10 091 17 2-3 55 2-3 6.1 192.5 7.8 5.4 21 57° 40.3' N CL/R 10 078 16 3-4 6.4 1012.1 5.3 4.2 22 1540 3.6' N CL/R 10 060 19 3-4 6.3 1011.3 5.0 4.6 23 1530 5690 CL/R 10 - 00 <1 6.4 1009.4 7.0 5.6	20 57° 34.27 K CL/R 10 091 17 2-3 55 2-3 6.1 192.5 7.8 5.4 21 57° 40.37 K CL/R 10 078 16 3-4 6.4 1012.1 5.3 4.2 22 57° 41.17 K CL/R 10 060 19 3-4 6.3 1011.3 5.0 4.6 23 57° 38.2° K CL/R 10 32 91 47 6.4 1009.4 7.0 5.6 24 57° 38.2° K CL/R 10 32 91 47 6.9 1009.4 7.0 5.6 REMARKS	19	57026.9 IN	CL	10	098			160	3-4	5.7			
21 \$7° 40.3' N CL/ R 10 578 16 3-4 (6.4 10/2.1 5.3 4.2 1540 5.6 10 060 19 3-4 (6.3 10/1.3 5.0 4.6 10 10 10 10 10 10 10 1	21 57° 40.3′ H CL//R 10 578 16 3-4 6.4 1012.1 5.3 4.2 22 57° 41.1′ CL//R 10 060 19 3-4 6.3 1011.3 5.0 4.6 23 1530 51.9′ CL//R 10 - 00 <1 6.4 1009.4 7.0 5.6 24 1530 57.2′ CL 10 32 91 44 6.9 1007.1 6.9 5.1 REMARKS	20	570 34.21 7				17	2-3		2-3				· · · · · ·
23 1530 56.90W CL/R 10 - 00 <1 6.4 1009.4 7.0 5.6	23 1520 51.91W CL/R 10 - 00 <1 6.4 1009.4 7.0 5.6 24 1530 57.21W CL 10 32 91 44 6.9 1009.4 7.0 5.1 REMARKS	21	57° 40.3' N				16	+						
23 1530 56.90W CL/R 10 - 00 <1 6.4 1009.4 7.0 5.6	23 1520 51.91W CL/R 10 - 00 <1 6.4 1009.4 7.0 5.6 24 1530 57.21W CL 10 32 91 4+ 6.9 1009.4 7.0 5.1 REMARKS	22	37041.17	CLIR	_			3-4			. 0			1
670 3 2 2 N	24 1530 57.2 W CL 10 32 91 4+ 6.9 1001.16.9 5.1	23	1530 FL. 9'W	ce/R			00	<u> </u>			6.4	1009.4		
	REMARKS	24	570 38.2 N			32	<u> </u>	4+						5.1
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NOAA FORM 77-13d (3-76)

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

	SHIP		·			DAY SA	т	DATE	<u> </u>	TIME ZO	NE.	
m	ILLER FR	FEMA	۸/			34		Ma7		 	8	
7.1	ILLUC PK	C PIPPI		30	·	1-0		2977	1741	<u>. </u>		
TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	ISIBILITY (N.M.)	WIN	D	EA WAVE HEIGHT (Ft.)	SWELL	WAVES	WATER EMP.	EVEL ture	TEMPER	RATURE
			IBISIV (N.A.	DIR.	SPEED (Kts.)	SEA V HEIG	DIR. (True)	HEIGHT (Ft.)	SEAW. TEN	SEA LEVEL PRESSURE (mb)	DRY BULB	WET BULB
01	57042.3'1V	CL	10	90	23	5-6			6.1	1008.3	7.1	5.6
02	15403.5'W	CL	10	64	36	5-6			6.0	1046.7	5.5	5.0
03	57949.4"N	CL	10	68	33	19-13	50	10-12	5.8	10040	5.1	4.1
04	57029.71N 1540 50.81W	CL	10	050	32	5-7	150		5.2	1002.5	5.5	4.0
U3	57018.61N 154052.4'W 57014.6'N	CL	10	035	17	3-4	350	5	5.Z	1000.0	6.0	4.2
06	57014.6 N 154039.6 W 57014.6 N	CL	10	035	09	2-3	MA	3-4	5.4	998.8	5.9	5.0
07	154039.11W 57 15.4 N	CL	10	020	04	0	175	2-3	5.4	997.5	6.8	6.0
08	154 44.2 0	ce/R	10	251	83	2	210	1-2	4.6	997.5	5.4	5.3
09	5 57° 8.6'N	Cr.	10	032	11	6-10				997.5	6.4	6.4
10	155 /2.8 W	CL	06	061	7.7	1-2	210	10-12	-6.4	997.5	64	2.7
11	57°, 10.7' N (55°/6.1' N 57°20.5' N	CL	06	045	16	1-2	020	20	5.7	997.5	6.5	5.0
	155024.6'W	<u> </u>	05	072	29	1-Z	050	15-50	5.6	947.8	5.9	5.0
13	1220248,M	ch	04	077	35	1-2	060	10-15	5.5	998.1	5.3	4.8
14	57°30.5.N	cL	04	078	30	1-2	060	1015	5.4	998.3	5.3	5.0
15	\$7032.6'N 155032.0'W 57035.9'N	CL	04	088	27	1-2	060	8-12	4.9	988.9	5-9	5.0
16	155130. Cul	CL/R	3	085	26	4-6	070	6-8	5.4	999.1	6.1	5.8
	155028.8 W	CL/R	3	091	28	3-5	070	6-8	5.3	999.1	6.3	5.9
18		CL/R	6	085	Z4	3-4	160	2	5.3	9995	6.9	5-9
	195° 26.9° N 57 43.9° N 155 25.7 W	(.L/12	7	110	26	0-1	110	<i>2</i> −3	5.6	1000,5	6.1	5.9
20	57 43.9 N 15 75.7U	CL/R	3	110	20	0-1	150	2-3	5.8	000,2		5.2
21	57°43.9 N 153° 25.74	CL	2	100	19	01	160	2	5.8.	000.2	5.7	5.3
22	57° 25.4 / N		CHOR	EO /	CAE 11			ERWA	<u>y</u>			
23	51028.7'N	CLIR	2	116	23	0-1	160	4-5		999.0		5.0
24	SICZOZ IV	CL/R		120	121	1-2	160		5.0	918.3		

MILLERF	REEN	241	<u> </u>		SA	T	May 29th	1999	+	8	· · · · · · · · · · · · · · · · · · ·
POSITION (Lat. and Long.)	PRESENT WEATHER	BILITY (-M.)	WIN	D	WAVE SIGHT Ft.)	SWELL	WAVES	WATER EMP.	LEVEL SSURE nb)		RATURE
		Si V	DIR. (True)	SPEED (Kto.)	SEA	DIR. (True)	HEIGHT (Ft.)	SEA	SEA PRE	DRY BULB	WET BULB
27021.5 W	el/R	1	Me	\$24	2-3	170	5-6	5.1	998.0	5.3	5.1
155028.8W	CLIR	1	254	09	2-3	170	5-6	5.1	997.9	6.1	6.0
14. 2. 32. W.	cL/e	Į.	308	17	2-3	160	5-6	5.2	9938	5.0	4.5
155048.6'W	CL/R	6			4-6	160	4-6	5.4	999.1	4.9	3.9
156005.01W			270	27	3- <i>5</i>	185	3-5	5.Z	1000.9	3.8	2.4
155 653.4 W	CL	8	300	25	4-6	mix	4-6	5.4	1002.1	4.9	3.2
155°45.4'W	CL	10	290	25	4-6	160	4.6	<i>5.</i> Z	1003.5	5.0	3.9
1550 37.6 W	CL	10	252	22	والمالي	235	6-10	5.4	1004.8	5.9	4.8
155° 27.9'w	CL	١٥	248	24	4-6	235	6-10	5.6	1005.6	6-0	4.9
1550 17.7'W	CL	Õ	270	33	6-10	250	10-12	<i>હ</i> .ન	1007.8	7.3	5.2
158 12.2' W	ROG	10	277	33	10-12	290	10-12	4.9	1010.0	4.9	4.0
155 01.5 W	PC	10	280	36	5-6	280	8-10	5.5	1010.0	4.9	3.9
56.53.67	PC	10	280	33	5-6	270	8-10	5.4		5.1	4.0
154 54 6 W	PC	10	280	29	5-6		8-10	5.3		4.9	3.2
57004.3 N	80.	10	236	30	5-6	280	6-8	5.5			3.1
57008.8'N 154049.9'W	PC	10	275	38	6-8	280	8-10	5.6		5.5	4.0
57014.5.N 154.59.6'W	PC	10	275	30	6-8	280	8-10	5.3		5.4	4.2
54º/6.31N	PC	10	275	3Z	6-8	280	8-10	5.3		5.1	3.5
54020.51N	PC3/8	10	747	3Z		270	5-7	5.3		<i>- 1</i>	3.1
1550 14.0 W	PC					240					3.8
£ 70 30 0/31	ೀ						•				4.0
570 30.0.W	PC	10	300							<u> </u>	4.8
570 17.7'N 55° 54.7'W	PC	ιŏ	306	21	7-9	246	7-9	5.2			2.6
57" 17.9"N	PC	10	<i>3</i> 07		79	240		5.2	1623.D	3.2	2.0
ıks .		<u>}</u> !.23									
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	POSITION (Lat. and Long.) 570215N 1570215N 1570215N 157021.5N 157021.5N 155048.6W 57021.5N 155048.6W 5703.9N 155048.6W 5703.9N 155048.6W 5709.8N 155048.6W 5709.8N 155048.6W 5709.8N 155048.6W 5709.8N 154049.9N 1	POSITION (Lat. and Long.) FRESENT WEATHER FROM TW CL/R FROM TW CL/R	POSITION (Lat. and Long.) FRESENT HER STORE STO	570215N CL/R 1 254 570215N CL/R 1 254 570215N CL/R 1 308 57021.0'N CL/R 6 285 57021.0'N CL/R 6 285 57021.5'N CL 5 270 5703.9'N CL 8 300 57009.8'N CL 10 290 57009.8'N CL 10 290 5705.5'N CL 10 248 500.53.9'N CL 10 248 500.53.9'N CL 10 248 500.53.9'N CL 10 248 500.53.9'N CL 10 280 57009.8'N CL 10 280 57009.8'N PC 10 285 57009.8'N PC 10 285 57009.8'N PC 10 275 55008.8'N PC 10 281 55008.8'N PC 10 281 55008.8'N PC 10 300 550508.8'N PC 10 300 550508.8'N PC 10 300	POSITION (Lat. and Long.) PRESENT	POSITION (Lat. and Long.) PRESENT DIR. SPEED (True) PRESENT DIR. SPEED (T	POSITION (Lat. and Long.) PRESENT	POSITION (Lat. and Long.) PRESENT E WIND SWELL WAVES SWEL WAVES SWELL WA	POSITION (Lat. and Long.) PRESENT	POSITION (Lat. and Long.) PRESENT	POSITION (Laf. and Long.) PRESENT

NOAA SHIP		IDAY		T TIME TANK
		1001	DATE	TIME ZONE
MILLER	FREE MAN	MUNDAY	31 MAY 99	+8

TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	LITY 53	WIN	0	EA WAVE HEIGHT (Ft.)	SWELL	WAVES	ATER	EVEL URE		RATURE
	•	4.	VISIBILITY (N.M.)	DIR. (True)	SPEED (Kto.)	SEA W HEIG	DIR.	HEIGHT	SEA WATER TEMP.	SEA LEVEL PRESSURE (mb)	DRY BULB	WET
01	151000,3 W	PC	10	300	33	7-9	740	74	5.2	10 23,0	3.2	2.0
02	57918,3'N	PC	10	313	28	7-9	230	5-6	5.2	1024.8	2.5	1.6
03	57023.0.N 55054.2.W	PC	10	297	28	7-9	770	5-6	5.1	1023.6	2.3	1, 1
04	155059.0'W	PC	10	300	09	2-3	N/A	N/A	5.3	1023.7	3.9	1.2
.05	57023.9'N 156016.9'W	PC	10	32 <i>5</i>	26	3	175	3	5.2	1024./	3.0	2.0
06	57023.6'N 156.08.4'W	PC	10	320	15	2-3	MA	1/4	5.2	1024.9	3.0	1.8
07	57023.81N 156007.31W	PC	10	328	17	2-3	170	2.3	5.3	1024.8	4.5	2.8
08	57° 23.5'N 156° 10.5'W	PC	10	310	18-20	1-2		1-2	5.1	1025.1	3.8	2.0
09 -	57° 23.5'N	PC	رن	310	20	1-2		-	5.2	1025.1	3.8	2.1
10	155. 59.0 W	PC	10	312	19	1-2			5.4	1025.5	3.8	7.0
11	155° 41.1 W	PC	10	310	20	1-2			5.5	1024.4	4.2	2.0
12	57045,1.M	PC	10	291	13	1-2			5.5	1024.1	6.1	4.1
13	57°37.5'W	PC	10	304	10	1-2			5.4	1024.0	6.9	4.2
14	57°29.6.N	PC	10	226	<u> </u>	1-2	316	2-3	5.5	1023.6	6.8	4.8
15	57°30.2'N 164°69.7'W	PC	10	217	1	1-2	300	2-3	5.5	ko23.6	6.7	4.9
16	57036.11N 154048.2'W	PC	10	215	17	1-2	220	مسي	5.6	1023.9	5.9	5.0
17	57039.9.N 154879.8.W 57041.2 N	PC	10	229	22	37	1/4	NA	6.0	1023.3	10.0	7.1
,- 1	154009.0 W	#CL	10	265	<i>22</i>	3-4	MA	NA	5.5	1021.8	8.5	6.0
19	54035.41 N 153055.91W	CL	10	355	10	0-1			7.3	1021./	8.0	6.0
20	153 54.5 W	CL	10	J54	16	1-2			7.1	10ZI.O	7,9	5,5
21	57° 33 4 1 N 153° 55.4 'W	CL	10	270	/6	1-2			7.1.	1020.8	7.3	5.0
22	57° 33.7' N 53° 57.4'W	CL	10	242	20	41	/	/	6.0	1020.6	7,2	4.5
23	163° 35.7 N	CL	ΙÓ		٥	ا			6.9	1820.6	8.1	4.8
24	570 39 9'N 153052, 4'W	41	10	348	5	41			2,3	107a t	7.3	6.0



MILLER FREEDOW TIME POSITION PRESENT FOR WIND SEED SOLD SHELL WAVES SELL WAV	NOAA	SHIP					DAY		DATE		TIME ZO	NE	
01 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M	ILLER F	REEM	aN			Miv	E5	31/	en Gerer	+8	, 	
01 57°0125 N PC 10 272 8 1-7													_
01 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TIME	1	PRESENT WEATHER	ILITY (i.)	WIN	D	MAVE GHT	SWELL	WAVES	ATER	EVEL SURE b)		
12 57 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				VISIB			SEA V HEI			SEA W TE	SEA L PRES		
03		4400U 5 1/	PC.	10	272	8	1-2			5.3	0000	6.4	4.6
03 54 03 5 W FL 10 240 13 1-L 3.4 10 10 14 15 15 15 10 16 15 15 15 10 16 15 15 15 15 15 15 15	V2	164.10 10.M	PC	10	268	Ю	1-2			5.3	10200	6.3	4.5
15 15 15 15 15 15 15 15 15 15 15 15 15 1	03	154°20.5°W	PC	10	240	13	1-2			5.4	1018.4	5.6	
06	04	154046.11W	CL/R	10	225	10	1-2	280	3-4	5.8	1018.0	5.2	
10 540 54.4 CL 5 210 06 1-2 230 2-3 5.9 1016.1 6.2 6.2 10 1540 154 156 CL 5 265 07 1-2 175 2-3 5.8 1015.0 6.3 5.8 10 1540 154 156 CL 6 223 04 61 300 1-2 6.1 1014.1 6.1 5.2 10 1540 155 156 CM CL/R 9 249 04 61 310 1 6.1 1014.1 5.8 4.9 11 1540 156 156 CM CL/R 9 249 06 6.1 265 1-2 5.9 1013.5 6.3 5.4 12 1540 155 156 CM CL/R 9 249 06 6.1 245 1-2 5.9 1013.5 6.3 5.4 11 1540 156 156 CM CL/R 9 249 06 6.1 245 1-2 5.9 1013.5 6.3 5.4 12 1550 153 156 CL 6 272 01 6.1 6.6 1014.1 6.2 5.7 13 1550 157 15	.05	155001.1 W	CL/R	10	180	04	0-1	230	3	6.0	1016.9	5.0	4.9
08 1771 31 N CL 5 265 07 1-2 175 2-3 5.8 1015 06.3 5.8 09 15 15 15 15 15 15 15 1		1540544W	CL	105	205	08	0-1	230	3-4	5.7	1016.1	-	6.0
09	07	57052.8'N 154044.6'W	CL	5	210	06	1-2	230	2-3	5.9	1016.0	7.2	6.2
09	80	67°71.8′N 154°35.6′W	دد	5	265	07	1-2	115	2-3	5.8	1015 0	6.3	5.8
11		154014.6, M	CL/R	5	223	04	<	300	上子-	61	1014.1	6.1	5.2
11	10	154°13.5° W	CL/R	9	249	04	41	310		6.1	1014.1	5.8	4.9
12 \$10 \ 53 \ 53 \ 53 \ 53 \ 53 \ 53 \ 53 \ 5	11	570 56.0' 2	CVIR	9	269	06	41	265	1-2	5.9	1013.5	6.3	5.4
13 58 01.5 N CL G 160 1.5 L1	12	57°53,2°N		6	272	01	41		4	5.8	1013.1	6.3	5.Z
14 \$6.05.8 N	13	58001.8'W	CL	6	160	1.5	41			5.6	юн. 4	6.2	5.7
15 580 2.9 W CL 10 187 12 L1 6.3 10 0.4 6.9 6.2 16 580 20.2 W CL 10 185 12 1-2 N/A N/A 6.1 1010.1 8.2 7.5 17 580 26.7 W CL 10 142 11 1-2 240 2 6.0 1010.0 6.8 5.8 18 57 29.5 W CL 10 148 12 1-2 243 0 6.1 1009.8 6.8 5.7 19 580 29.2 W CL 10 167 14 1-2 200 0 (.2 1008.9 7.0 6.3 20 580 30.2 W CL 10 167 14 1-2 200 0 (.2 1008.9 7.0 6.3 21 580 32.1 W CL 10 154 15 1-2 10 10 1008.9 8.2 4.9 22 580 34.7 W CL 10 167 12 1-2 240 1 6.0 1008.9 8.2 4.9 23 580 34.7 W CL 10 107 85 1-2 260 1 6.0 1009.1 6.0 5.8 23 580 34.7 W CL 10 107	14	58°05.8'N		16		4	41			l		5.4	5.2
16 58°20.2' N CL 10 185 12 1-2 N/A N/A 6.1 1010.1 8.2 7.5 17 58°26.7' N CL 10 142 11 1-2 240 2 6.0 1010.0 6.8 5.8 18 57°29.6 N CL 10 148 12 1-2 243 0 6.1 1009.8 6.8 5.7 19 58°30.2' N CL 10 167 14 1-1 200 0 (.7) 1008.9 7.0 6.3 20 58°30.2' N CL 10 154 15 1-2 100 1008.9 7.0 6.3 21 58°32.1' N CL 10 154 15 1-2 100 1008.9 8.2 6.9 22 58°32.1' N CL 10 167 12 1-2 240 1 6.0 1008.9 8.2 6.9 23 58°32.1' N CL 10 1007.0 1008.9 1009.0 1009.0 1009.0 23 58°32.1' N CL 1007.0 1007.0 1009.0	15	58012.9'N	دات	_	T .	12	41				1010.4	6.9	6.2
17 58026.7'N CL 10 142 11 1-2 240 2 6.0 1010.0 6.8 5.8 18 57 29.5 N CL 10 148 12 1-2 243 0 6.1 1009.8 6.8 5.7 19 58 29.2 N CL 10 167 14 1-2 300 0 (.2 1008.9 7.0 6.3 20 58 30.2 N CL 10 154 15 1-2 No swell 6.2 1008.7 8.1 6.9 21 58 32.1 N CL 10 154 15 1-2 240 1 6.0 1008.1 8.2 6.9 22 58 34.7'N CL 10 17 05 1-2 260 1 6.0 1009. 6.0 5.8 23 58 36.8 N CL 10 17 05 1-2 260 1 6.0 1009. 6.0 5.8 24 58 34.7'N CL 10 107 05 1-2 260 1 6.0 1009. 6.0 5.8 25 58 37.4 N CL 10 107 05 1 65 02 5.9 109.3 6.1 5.9 26 58 37.4 N CL 10 107	16	58020.Z'N	CL	10			1-2	N/A	N/A	6.1	F0		
18 57 27.5 N CL 10 148 12 1-2 243 0 6.1 1009.8 6.8 5.7 19 58 29.27 N CL 10 167 14 1-2 200 0 (.2 1008.9 7.0 6.3) 20 58 30.2 N CL 10 154 15 1-2 NO Swell 6.2 1008.7 8.1 6.9 21 58 32.1 N CL 10 154 15 1-2 240 1 6.0 1008.9 8.2 6.9 21 58 32.1 N CL 10 167 12 1-2 240 1 6.0 1008.9 8.2 6.9 22 58 32.1 N CL 10 107 85 1-2 260 1 6.0 1009. 6.0 5.8 23 58 32.1 N CL 10 107 85 1-2 260 1 6.0 1009. 6.0 5.8	17	58026.71N	CL	10	142	11	1-2	240		6.0		6.8	
19 58 29 27 27 N CL 10 167 14 1-2 200 0 6.2 1008.9 7.0 6.3 20 58 30.2 N CL 10 154 15 1-2 No swell 6.2 1008.7 8.1 6.9 21 58 32.1 N CL 10 167 12 1-2 240 1 6.0 1008.9 8.2 6.9 22 180 84.7 N CL 10 107 85 1-2 260 1 6.0 1009. 6.0 5.8 23 180 N CL 10 107 10	18	57 29,5 N	CL	10	148	12	1-2	243	0	6.1	1009.8	6.8	5.7
20 58 30. 2' N CL 10 154 15 1-2 NO Swell 6.2 10087 8.1 6.9 21 58 32.1' N CL 10 167 12 1-2 240 1 6.0 1008.9 8.2 6.9 22 58 34.7' N CL 10 107 85 1-2 260 1 6.0 1009. 6.0 5.8 23 68 32. V CL 10 65 02 5.9 109.3 6.1 5.9 24 68 34.7' N CL 10 65 02 5.9 109.3 6.1 5.9	19	58 29.27 N	CL	10	167	14	1-2	200	٥	6.2	1008.9	7,0	6.3
21 58 27.8 W CL 10 167 12 1-2 240 6.0 1008.9 8.2 6.9 22 158 34.7 N CL 107 05 1-2 260 1 6.0 1009. 6.0 5.8 23 152 57.4 W CL 10 65 02 1 65 02 5.9 104.3 6.1 5.9 105 347.4 N CL 107	20	58 30. 2 W	CL	10		15	1-2	700	well	6.2	10087	8.1	6.9
22 183° 4.0° N CL 40 197 05 1-2 260 L 6.0 1009. 6.0 5.8 23 153° 57.4 W CL 40 65 02 1 65 02 5.9 104.3 6.1 5.9	21	54 32.1'N	-	05									
23 /52°57;4W CL 10 65 02 5.9 104.3 6.1 5.9	22	580 84.7' N	رد	25	ľ	05	1-2	240	l	•	1009.1		
- n	23	58°30.YU		10	1773	07	1	1			1009.7	7	
	24	ડકું ભરમું જ	CL	06	133	16	1-2	65	02	5.9	10089		6.4
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NOAA FORM 77-13d (3-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

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POSITION	PRESENT	Ę	WIND		AYE C	SWELL WAVE		ATER IP.	EVEL ture		RATURE
		ISISIA ISISIA	DIR. (True)	SPEED (Kta.)	SEA W HEIG	DIR. (True)	HEIGHT (Ft.)	SEA W	SEA L PRESS (m)	DRY BULB	WET
152727.0 W	PC.	8	133	16	1-2	70	2-3	5.9	10010	7.3	6.2
12511'3. M	PC	8	130	16	1-2	70	Z-3	5.9	1000	7.3	5.2
12102 5 0 W		8	130	9	1-2	70	2-3	5.9	l oof.s	7.1	6.0
58029.41N		2		07	1-2	140	2-3				6.2
580/8.7'N 151055.2'W	CLIF	2	Light	AiRS	0-1	NA		5.7	1004.9	6.8	6.0
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	POSITION (Lat. and Long.) 58-47.4°N 180-27.0°W 58-42.0°W 58-42.0°W 58-29.4'N 1510-57.0'W 580/3.7'N 1510-55.2'W	POSITION (Lat. and Long.) PRESENT WEATHER PRESENT WEATH	POSITION (Lat. and Long.) PRESENT HINGS WEATHER STATE OF PC STATE	POSITION (Lat. and Long.) PRESENT WEATHER DIR. (True) 10 20 10 W PC 8 130 10 20 29 41 N PC 8 130 10 20 29 41 N PC 8 130 10 20 29 41 N PC 8 130 10 20 20 10 W PC 8 130 10 20 20 20 10 W PC 8 130 10 20 20 20 20 10 W PC 8 130 10 20 20 20 20 20 20 20 20 20 20 20 20 20	POSITION (Lat. and Long.) PRESENT	POSITION (Lat. and Long.) PRESENT L'AND SPEED WHY PRESENT CTURE) PRESENT CT	POSITION (Lat. and Long.) PRESENT Lat. and La	POSITION (Lat. and Long.) PRESENT WEATHER SEE OF (True) (Rite.) PRESENT WEATHER SEE OF (Rite.)	POSITION PRESENT	POSITION (Lat. and Long.) PRESENT Lat. and Long.) PRESENT PRESENT Lat. and Long.) PRESENT PC 8 133 16 1-2 70 2-3 5.9 100	POSITION (Lat. and Long.) PRESENT