NOAA FORM 77-13d U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION DECK LOG - WEATHER OBSERVATION SHEET NOAA SHIP DAY DATE TIME ZONE Miller FREEMAN 11 MARYS SAT ISIBILITY (N.M.) SEA WAVE HEIGHT (Ft.) WATER EMP. SEA LEVEL PRESSURE (mb) TEMPERATURE POSITION WIND PRESENT WEATHER SWELL WAVES TIME (Lat. and Long.) O_C DIR. SPEED SEA DIR. HEIGHT DRY WET (True) (Kts.) BULB (True) (Ft.) BULB 53 54 17 W 10 أكرإ PC 12 130 12 16 31 61 W 30 003.5 02 03 53 54 17 04 PC **2**25 12 O 1002.0 30 1.0 05 06 ۸7 53'54.20 M 08 070 1001-0 166 31-61 W 10 0.5 2.0 09 10 11 53 53 50 N 166 3207W 12 CLISW 10 085 10 0.0 1001.8 1.0 13 2.01W 14 15 73-598 N 12 16 000 54:09.53N 166:11.54W 54:15.03 N 16 4-6 10014-1.B -3./ 17 SW 025 0 110 3.0 4-6 1001.5 -2.1 -3.1 54 15 03 N 186 59 36 N 54 , 59 9 N 166 55 . 75 N 54 25 . 1 N 18 025 SW 18 4-10 3.0 2.1 1001.5 ~3:/ 19 5-6 10 -2.0 -3.0 IMI.X 20 SW 28 10 000 -3.0 1004.0 -3. 5 21 らル 30 3,8 ΙŌ 010 020 2.5 3,0 16033 016 28 22 ル 020 4.0 OCEK. 54 35.1 N 166 08.0 V SW 23 Olb 0074.0 ک.3 34.5 SW 38 010 DOS.2 4.0 REMARKS

NOAA FORM 77-13D (3-76)

SUPERSEDES NOAA FORM 77-13D (7-72). EXISTING STOCK
SHOULD BE DESTROYED UPON RECEIPT OF REVISION.

	SHIP					DAY	· · · · · · · · · · · · · · · · · · ·	DATE		TIME Z	ONE		┥
MILLER FREEMAN						SUN			129	L			
POSITION (Lat. and Long.)		PRESENT WEATHER	VISIBILITY (N.M.)	WII	ND SPEED	SEA WAVE HEIGHT (Ft.)	SWELL	. WAVES	A WATER TEMP.	SEA LEVEL PRESSURE (mb)	TEMPE	RATURE OC WET	-
01	54 40.9N	200	 	(True)	(Kts.)	 "	(True)	(Ft.)	S.	0,2	1000	BULB	1
02	54. 4593N	SW	1 8	015	30	2			2.5	100 7.0	5.3	-4.8	4
03	143 15 33W 54.5234 N	W,CL	18	015	30	4-6			24	10x2	-5.0	-5.2	4
04	161 " 1686W	5W,C4	3	015	28 32	6			Z.4	1008.3	-4.5	14.5	_
05	55-0799 N	7	 			8			2.1	1000,0	~ 5.5	-5.5	1
06	55 14 45 N	2	3	025	22	6-8			2.3	10/0./	-5.5	-5.5	-
07	95 2146 N	=	3	015	26	8			201	1011.0	-5.1	- 5.0	1
08	55 28.0 N	2	11	055 040	32	8			1.9	10120	5.1	-5.0	
09	55 33.7 N		7	- 70	130	10-12			1.9	10/3.3	6,3	I	ł.
10	16 26.1 W		4	040	2/	10-12			7.1	1014.0	-7.0	-7.1	S
11	166 27.8W	PE	7	027	28	10-12			2,1	1015.0	76.5	Ic	90
12	106 29.4 N	Dr Coc	0		28	1012			1.8	10/60	-6.5	Ice	
13	56-00.7N	TOG SWIT	8_	035	20	10-12			18	1016.8	-7.0	-75	1
14	166-31.9W	PC	10	035	26	8			1.8	1007.9	-8.0	- 8 .3	િ
5	166-23.3 W	PC, SW	8	040	27	8			1.8	1018.0	-7.0	- 7.0	10
16	166-246W	PC, SW		040	20	8			1.8	10181	-5.0	-0.5	Š
,	166-23.85 56-62.3N	SW		025	22	6-8			1.8	1068.1	-8.0		
8	56 - 02 IN			030	21	6-8			1.8	10018.1	-7.5		
-	56-22.7 W	SW PC	70	025	20	6-8			1.8	10189	-7,5	-8.5	
0	160 22.4W	Pc	11	025	18	6	060	4	1,8	10160	4.5		
	56 07.6N	PC	/1	015	12	4	050	4	<i>L</i> 7	1019.0	7.8		٤٧
2	166 09.7 W 166 12.1 N 165 57.0W	00	1 1 7	050	14	7,	900		1.6	1014.1	-7.5	8.2	
-	36 16-09 N	PC	11	055		7				109.3	10.2		T.
	56 18 US N			050		4		\longrightarrow	1.4	1019.2	8. 2	8.9	
MAR	65 39.35 W	PC	10	030	10]	2-4			14	1019.0	<u> -8. 2</u> +	-B.9	
													
		FROZE.	_	JSE S	LING.	3161	NEA	THER	30+	, c			
*		FWRRIES			···-					···.			
V.	WET BUL	B SLING	: 16	€ <u></u> >									
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MILLER				15	DAY		DATÉ TIME ZONE							
	FREE	MA	✓		Moni	>AY	131	13 HAR95		+9				
POSITION (Lat. and Long.)	PRESENT WEATHER	¥T13	WIF	1D	AVE HT	SWELL	WAVES	W W A T E R C C C C C C C C C C C C C C C C C C			RATURE OC			
		VISIBILITY (N.M.)	DIR. (True)	SPEED (K(s.)	SEA WAVE HEIGHT (Ft.)	DIR. (True)	HEIGHT (Ft.)	SEA WA	SEA LEVEL PRESSURE (mb)	DRY BULB	WET BULB			
165 23.8 W	PL	10	030	15	4			1.4	108.9	-7.0	-7.5	1		
165 1852 W	PC PC	10	030	12	2-4			1.2	ľ -			1		
W 00.00 CO	PC	ID	040	14	2-4			1.3		-5.0	-7.C	1		
6447.49W	PC	10	0 25	10	3-4			0.7	10180	-9.5	-9.2	1		
64.30.85 W	PC	10	020	14	3-4			0.4	1018.0	-9,9	-9.8	1		
64 19.70 W	PC	10	035	10	3-4				1017.9			1		
56. 4879 N 64.0097 W	PC	10	035	10	34			0.1		-10.1	<i>""</i>	1		
56 51 2 N 63 53 4 W	PC	10	025	14	T			70.6	1017.9	_ · _ · _ ·		1		
64 02.8 W	P<	10	025	18				-0.0	1017.8		-10.4	SI		
	PC-	10	021		-		_		_			1		
56 75.7 N	PC	12	010								-00	1		
54 35.6 N	PC.	12										1,		
56 35.8N				· · ·							-7.8	Яlи		
51, 35.3 13									-					
56 35.3 N							//				2 0	١,		
56.35.75N											-8.0	5/11		
50 35.70N					7						/			
36 -35.70			_											
6 37 2 N	PC	$\overline{}$									-11.0	Sti		
6 39.4N	OZ.	·				050	\leq							
2 43,3M		1		·····	<u> </u>		<u>~</u>							
49.4 /		, _	194	22			-		1017.5		70.3	ج انح ح		
6 50.14 N.				26		050			1017.7					
3 51,88W	170	7	28						1019,0	10.8				
3' 5704 W	1-C-	12	025	26	5			13	1019.5	-09.	-09.5	-		
	24.34 N 165 18.52 W 56 36.60 N 56.34.05 N 56.34.51 N 56.34.51 N 56.34.51 N 56.34.51 N 56.34.51 N 56.35.51 N 56.35.51 N 56.35.51 N 56.35.51 N 56.35.51 N 56.35.51 N 56.35.52 N 56.35.75 N 56.35 N 56	165 23.8 W PC 56 24.34 W PC 56 36.00 W PC 56 39.51 N PC 56 39.51 N PC 56 39.51 N PC 56 48.10 N PC 56 48.10 N PC 56 48.10 N PC 56 48.10 N PC 56 35.8 N PC 56 35.7 N PC 56 37.7 N PC 57 37	165 23.8 W PC 10 56 24.34 W PC 10 56 36.60 N PC 10 56 36.50 N PC 10 56 36.51 N PC 10 56 36.51 N PC 10 56 36.51 N PC 10 56 37.3 N PC 10 56 37.3 N PC 10 64 27 56 N PC 12 56 37.5 N PC 12 57 35.7 N PC 12 57 35.7 N PC 12	165 23.8 W PC 10 030 56 24.34 W PC 10 030 56 30.00 N PC 10 040 56 39.51 N PC 10 025 56 39.5 N PC 10 025 56 39.5 N PC 12 010 56 35.5 N PC 12 005 56 35.5 N PC 12 010 56 35.5 N PC 12 010 56 35.5 N PC 12 010 56 35.5 N PC 12 020 56 35.5 N PC 12 020 56 37.2 N PC 12 020	156 22.6 PC 10 030 15 56 23.8 PC 10 030 15 56 24.34 PC 10 030 17 56 26.60 PC 10 040 14 56 34.05 PC 10 025 10 56 36.34.05 PC 10 020 14 56 34.3 PC 10 025 10 56 36.3 PC 10 025 10 56 37.3 PC 10 025 14 56 37.3 PC 10 025 18 56 37.3 PC 10 025 18 56 37.3 PC 12 005 18 56 38.3 PC 12 005 18 56 35.3 PC 12 010 5 56 35.3 PC 12 010 5 56 35.3 PC 12 010 5 56 35.3 PC 12 020 24 56 37.3 PC 12 020 24 56 37.3 PC 12 020 24 56 37.4 PC 12 020 22 64 33.3 PC 12 020 24 65 37.4 PC 12 020 22 64 37.5 PC 12 020 22 65 35.4 PC 12 020 22 65 35.4 PC 12 020 22 66 37.4 PC 12 020 22 67 37.5 PC 12 020 22 67 37.4 PC 12 025 28	165 23.6 W PC 10 030 15 4 165 23.8 W PC 10 030 17 2-4 165 18.5 2 W PC 10 030 17 2-4 165 18.5 2 W PC 10 030 17 2-4 165 30.00 W PC 10 040 14 2-4 165 30.50 W PC 10 035 10 3-4 164 31.3 W PC 10 035 10 3-4 164 37.3 W PC 10 035 10 3-4 164 37.5 W PC 10 025 14 2 164 37.5 W PC 10 025 14 2 164 37.5 W PC 10 025 18 2 164 37.5 W PC 10 021 14 2-3 164 37.5 W PC 12 010 18 2 164 37.5 W PC 12 010 5 2 164 37.5 W PC 12 020 24 3 164 37.7 W PC 12 020 24 3 164 37.7 W PC 12 020 24 3 164 37.7 W PC 12 020 22 3 165 37.7 W PC 12 020 22 3 165 37.7 W PC 12 020 22 3 167 37.7 W PC 12 020 22 3 167 37.7 W PC 12 020 22 3 167 37.7 W PC 12 020 22 3 169 37.7 W PC 12 020 22 3 160 37.7 W PC 12 020 22 3 170 370 370 370 370 370 370 370 370 370 3	156 22.6 N PC 10 030 15 4 165 23.8 N PC 10 030 15 4 165 23.8 N PC 10 050 17 2-4 56 24.34 N PC 10 050 17 2-4 56 36.00 N PC 10 035 10 3-4 164 30.30 N PC 10 035 10 3-4 164 30.35 N PC 10 025 14 2 164 37.3 N PC 10 025 18 2 164 36.3 N PC 12 010 18 3 164 36.3 N PC 12 010 5 2 164 36.3 N PC 12 020 24 3 164 36.3 N PC 12 020 24 3 164 36.3 N PC 12 020 24 3 164 36.4 N PC 12 020 22 3 050 164 37.4 N PC 12 020 22 3 050 164 37.4 N PC 12 020 22 3 050 164 37.4 N PC 12 020 22 3 050 164 37.4 N PC 12 020 22 3 050 164 37.4 N PC 12 020 22 3 050 164 37.4 N PC 12 020 22 3 050 164 37.4 N PC 12 020 22 3 050 164 37.4 N PC 12 020 22 3 050 164 37.4 N PC 12 025 26 3 050	165 23.8 W PC 10 030 15 4 165 23.8 W PC 10 030 15 4 165 18.52 W PC 10 050 12 2-4 56 36.00 W PC 10 040 14 2-4 56 36.00 W PC 10 035 10 3-4 164 30.30 PC 10 035 10 3-4 164 30.30 PC 10 035 14 2 164 30.30 PC 10 025 14 2 164 37.3 W PC 10 025 18 2 164 37.5 V PC 10 021 14 23 164 38.5 W PC 12 010 18 2 164 38.5 W PC 12 010 5 23 164 38.5 W PC 12 010 5 2 164 38.5 W PC 12 023 24 3 164 38.5 W PC 12 020 24 3 164 38.5 W PC 12 020 24 3 164 37.5 W PC 12 020 22 3 050 2 164 37.5 W PC 12 020 22 3 050 2 164 37.5 W PC 12 020 22 3 050 2 164 37.5 W PC 12 020 22 3 050 2 164 37.5 W PC 12 025 28 3	1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.5 1.5 1.4 1.5 1.5 1.5 1.7 1.7 1.5 1.5 1.5 1.7 1.7 1.5 1.5 1.5 1.7	1.5 23.6 W PL 10 030 15 4 1.4 106.9 1.5 23.6 W PL 10 030 12 2-4 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	1.5 23.6 N PC 10 030 15 4 1.4 106.9 -7.0 1.5 18.5 N PC 10 030 12 2-4 1.2 WB.2 1.5 18.5 N PC 10 040 14 2-4 1.8 1017.8 -5.0 1.6 18.5 N PC 10 040 14 2-4 1.8 1017.8 -9.5 1.6 18.5 N PC 10 035 10 3-4 0.4 1017.9 -10.1 1.6 18.5 N PC 10 035 10 3-4 0.1 1017.9 -10.1 1.6 18.5 N PC 10 035 10 3-4 0.1 1017.9 -10.1 1.6 18.5 N PC 10 035 10 3-4 0.1 1017.9 -10.1 1.6 18.5 N PC 10 025 18 2 0.4 1017.8 -8.8 1.7 18.5 N PC 12 005 18 2 0.6 1018.1 -10.5 1.8 18.5 N PC 12 010 5 2 0.6 1018.5 -7.5 1.9 18.5 N PC 12 010 5 2 0.6 1018.5 -7.5 1.9 18.5 N PC 12 010 5 2 0.6 1018.5 -7.5 1.9 18.5 N PC 12 010 18 3 0.6 1018.5 -7.5 1.9 18.5 N PC 12 020 24 3 0.6 1018.5 -7.5 1.9 18.5 N PC 12 020 24 3 0.6 1017.8 -10.0 1.9 13.5 N PC 12 020 24 3 0.6 1017.8 -10.0 1.9 13.5 N PC 12 020 24 3 0.6 1018.5 -7.5 1.9 13.5 N PC 12 020 24 3 0.6 1017.8 -10.0 1.9 13.5 N PC 12 020 24 3 0.6 1017.8 -10.0 1.9 13.5 N PC 12 020 24 3 0.6 1017.8 -10.0 1.9 13.5 N PC 12 020 24 3 0.6 1017.8 -10.0	155 22.6 M PC 10 030 15 4 1.4 108.9 7.0 7.5 7.5 105 18.5 2 M PC 10 030 17 2-4 1.2 11.2 11.8 101.8 -5.0 7.5 105 18.5 2 M PC 10 040 14 2-4 1.8 101.8 -5.0 7.5 105 18.5 2 M PC 10 045 10 3-4 0.7 101.9 -9.5 -9.2 10.5 1.3 1.5 1.6 1.3 1.5 1.5 1.6 1.3 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5		

<u></u>	DECK LOG – WEATHER OBSERVATION SHEET													
1		-		DAY		DATE		TIME ZO	NE (1					
	MILLER F	REEMAN	/			TUE	35	14 M	4R 95	1 +9				
		. '- ' '	30			*		·	00 e					
	POSITION		<u>}</u>	WIL	חו	μΓ	SWELL	WAVES	E E	<u>п</u> п	TEMPERATURE			
TIME	(Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)		 	SEA WAVE HEIGHT (Ft.)	SWELL	HAVES	ØM A T	LEVI		<u>}c</u>		
			ISI V	DIR. (True)	SPEED (Kts.)	SEA	DIR. (True)	HEIGHT (Ft.)	SEA	SEA LEVEL PRESSURE (mb)	DRY BULB	WET BULB		
01	56° 26.96 N	PC	12	010	26	1-2	060	2+	1018.5	0.7	80			
02	1640 08.78W	FC	10	035	24	1-2	050	2-4	1018-2	1.3	-8.0			
03	54 06 24 P	PC	10	010	20	1-2	040	2-4	1018.0	1.5	80	-100		
04	56:5296N 164:1302W	PC	10	015	16	4-6	040	3-4	10179	1.9	-8.0			
05	55:41-62 N 164-24.30W	PC	10	015	21	4-6	040	ス宏	1.8	10175	-7.1			
06	55 3066 N 16453952 N	PC	10	015	21	2-4	040	3-4	1.4	1017.2	-8.0	-9.0		
07	55: 20.60 N 164: 54:56 W 55: 04:5 N	PES	10	035	10	2-4	_	_	1.7	1017.9	-8.0			
08	164 35.6 W	CL	10	015	16	2			1.6	1017.2	7,0			
09	144 32.82 W	CL	10	0 35	25	2			1.4	107.1	-68	-7,5		
10	164 32.31W	ØCL	7-8	ひつつ	24	3		-71	1.3	1017.5	-7.8			
11	55 C3.3 N 16431.1 V	CC	7-8	030	20	3		ĺ	1.3	10180	7.8			
12	5863.2 W	CLIF	2.5	020	22	3		1	1.3	ICIE.S	-7.0	-80		
13	164, 43 43 m	ZR, E, CL	6(1)	oad	18	2-4			1.6	1018-5	-5.D			
14	164° 04.99 W	CL SW.F	4	005	22	2-4			1.8	i018.9	-9.D			
15	55 56.5 N 164 59.2 W 54 50 2 N	F,CL,SW	-4	030	22	2-4			1.4	1018.8	-7.0	-7.5		
16	164 52 . 3 W	\$	3	040	18	2-4			1.6	1017,5	-6.5	and the same of th		
	164 47 31 W	S	a	050	18	2-4			1.6	10/7.5	-6.5			
18	165004 W	5W	4	<i>U</i> 35	50	2-4			1.7	1017.5	-6.5	-7.5		
	64 25 8 3 N	REAC		035		3-5			1.5	1016.9	-70			
20	165 07.9 W	Pc	10	020	26	3			1.6	1017.0	-6.0			
21	16.7 W	UC.			スス	3	/		2-7	10/7,5	-6.0	6.5		
	54 19.8 W	PC.		010	23	み			2.9	10/7.5	6,0	S. Carrier		
23	54 17.14 N	PC_	10	024	16	2	ا		2.7	1517.8		- Commence		
24 REMAR	65 53.04 W	SW.PC	0	030	20	2			28	1018-0	-50	-65		
		·		·										
	5/ Reported													
₩ WE	T BULB FROZE	SNY SLING	bench	RONETLI	R U383	Fer &	10 WK	REPS.						
1900	/ Reported	L sociale	U so	me							- <u>-</u>			
														
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NOAA FORM 77-13D (3-76)

3-76)	FORM 77-13d					NA	TIONAL	OCEANIC	U.S. D	EPARTME OSPHERIC	ADMINIS	OMMER STRATIC	
		DEC	CK LO	G – WE	ATHER	OBSER	RVATIO	N SHEE	ĒΤ				
NÖÄA		<u> </u>				DAY		DATE		TIME ZO	NE		
<u>γ</u> γ	liller Fre	emon				ME	ED.	15 MAR 95		1+9			
TIME :	IME POSITION PRE		VISIBILITY (N.M.)	WIND		SEA WAVE HEIGHT (Ft.)	SWELL	WAVES	P. P.	EVEL SURE	TEMPER	RATURE	
	al 12 15 1		• 	DIR. (True)	SPEED (Kte.)	SEA V HEI	DIR. (True)	HEIGHT (Fl.)	SEA WATER TEMP.	SEA LEVEL PRESSURE (mb)	DRY BULB	WET	
01	54 13.45 N 166° 04.63 W 54 59.78 V	PCISW	10	035	20	2			2.9	1018.0	-45		
02	166° 11.09 W	SW PC	10	040	18	1-2			2.8	1017.5	-5.0		
03	74 OC: 85 74	SW PL	12	020	18	1-2			2.8	1017.0	5.0	6.5	
04	44 03.55	50	08	030	18	2-3			2.9	1017.1	4.1	0.5	
05	1662646 W 54:0021 N 16624.91 W	5W	08	025	16	2-3							
06	TOWALT: 11 N	0,10	UD	رمن	עטי	<u>* " </u>			3.8	1016.9	3.5		
07												! 	
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