	SHIP					DAY		DATE	· · · · · · · · · · · · · · · · · · ·	TIME ZO	NE	
	MILLER	FREEN	N. ANU	·	·	SUN	day	LLAPI	212,08	+8	/	
	· · · · · · · · · · · · · · · · · · ·			_			<i>(</i> –	- 141	' 94			
гімЕ	POSITION (Lat. and Long.)	PRESENT WEATHER	FLITY	WIN	ID	AVE SHT	SWELL	WAVES	SEA WATER TEMP.	EVEL SURE	TEMPE	RATUF O _C
_			VISIBILITY (N.M.)	DIR.	SPEED (Kts.)	SEA WAVE HEIGHT (Ft.)	DIR. (True)	HEIGHT (Ft.)	SEA W TEN	SEA LEVEL PRESSURE (mb)	DRY BULB	BUL WE
01	376463326	cl	10	240	13			_	4.0	486	410	3
02	57945.80N 150.54.14W	_	10	287	22		- 5)	_	27	9865	3.0	2 "
03	57044,43 ~	C	10	293	21	5-40			3,0	9865	3.0	2.0
04	151038.71W	CL	12	282	17	3-4	230	57	3.4	986.2	2.9	2.
05	57044.1.N 152001-8W	CL	12	270	12	1-2	295	3-4	3.9	986.1	3-1	2.
06	57044.01N 152009.91W	CL	12	280	13	1-2	150	3-4	3.3	986.Z	2.9	2
07	57° 13.91N 152014.91W	CL	12	291	13	2-3	135	3-4	3.1	986.2	2.8	2.6
08	57.43.51N 152.19.4'W	PC	12	11								
09										-		
10												
11												
12												
13												
14												
15					it:							
16					(4							
17	57043.51N 152019.4W	PC	12	270	17	2-3			2.9	988.2	4.8	1.6
18	57043.2'N 152.16.5'W	PC	12	265	18	2-3	_			988.5		0.0
19	57042.51N 152010,41W	PC	12	267	15	2-3	100	2-3		988.9	3.0	2.5
20	530343 N	PC	10	245	17	7-3	360	3-4	3.1	989.)		0.4
21	57°22.6'N	PC	10	265	16		120	8-10	3.2	989.1	7-	0
22	152°13.3 M 152°25,3 W	PC	10	265	19	2-3	550	10-12	3.1	990,5	2.5°	0
1	57°06.8'N V52°36.8W	OC.	10	257	23	-				9415	1.9	0
24	57°56.96~	PC	10	263	34),	3.88	993.5		0
	15291054W	1 -			71				100	1/300	("	<u> </u>

_1						DAY		DATE		TIME ZO	NE	
	MILLER	Freem	<u>4</u> v			MONO	lay	April,	12	<i>†8</i>	a	
IME	POSITION	PRESENT	<u>}</u>	WIN	D	ŞĒ	SWELL	WAVES	7 . R	VEL	TEMPÉF	RATUR
11	(Let. and Long.)	WEATHER	VISIBILITY (N.M.)	DIR.	SPEED (Kts.)	SEA WAVE HEIGHT (Ft.)	DIR.	HEIGHT	SEA WATE TEMP.	SEA LEVEL PRESSIIRE (mb)	DRY BULB	WET
01	5605314N (53001,17W	CL	10	285	22				3	994	1,0	0
02	56 44. 10 153914 W	CL	(0	282	26		_	,	4	446.	٥	0.
03	56036 N 153038W 57013.21N	RW	2	290	29		_	-	4	497.0	0.5	0.
04	152017 21111	PC	12	278	23	6-8	230	8-10	3.4	998.1	.4	-
05	560 23.5 IN 1530 55.3 W	CL	10	285	28	5-1/	255	8-10	2.7	1000,0	. 3	- /
06	154009.11 W	CL	12	287	29	5-7	240	8-10	2.6	1001.0	.5	- /
07	56018.51N 1540 23.81W	CL	12	28.18	32	4-6	275	8-10	2.6	1001.5	.6	
ΨI	5696.4W 15436.5W	CL	10	287	29	4-6	280	10-12	2.8	1002.4	-6	٠, -
09	56"13,3"	CL	10	298	20	4-6	285	lo	3.2	1007,5	1.1	0
''	96°10.8°N	CL	10	247	35	4-6	245	10	2.3	1004.1	1.5	- 2
11	56°08 B'N 155°22.0 W	PC	10	286	13	3-4	25	8-10	2./	1004.1	2.9	1.1
12	15504.74N	PC	10	270	11	4	270	8	3.8	1005	40	0.4
13	5600 15N	PC	10	254	17	5	269	5	300	1000.0	-3. c	اردو
14	55078.51 M 156° 56.44W	PC	10	261	14	2 8	260	10		10060	4.5	(,4
15	58.55.1W	PC	10	354	16	5	278	8		10060	2.1	0,0
10	55° \$1.6'N 15701.0'W	CL	12	190	10	2-3	240	4-6	2.9	1005.9	2.2	0.
''	55049.2'N (57023.0'W	CL_	12	323	15	2-3	220	3-5	2.8	1004.9	2./	1. 2
18	55047.01N 1570115.21W 55044.01N	CL	12	165	11	1-2	230	2-4	2.8	1004.5	2.1	2.0
19	158006.0'W	CL	12	170	13	2-3	220	2-4	2.8	1004.1	2.1	1.9
20	55.40.8 N 158.56.4 W	00	10	149	8	1-2	230	7-4	2.4	10039	2.1	1.8
21	55°38.1'N 158°44.7'W	OC	12	173	11	1-2	750	2-3	2.1	1003.2	2.1	1.5
²²	55° 36.0° N 154° 04.9° W	PC	12	170	10	1	750	2-3		1003.2		11
23	55°33,4'N 159°30.7'W	OC	10	263	8				1.8	1003.4		1.9
24	55°32.38~ 159°53.16~	PC	10	211	8				118	10040	1.5	.0

	(3-76)		DEC	(1 OG	WEA	THER	OBSER'	40ITAV	SHEE	Т			
	NOAA :	SHIP					DAY		DATE		TIME ZOI	ŀΕ	
(MILLER	FREEL	1,11			Tues	day	13,40	RIL	<i>48</i>		
		·	•						+:		 - 1		
,	TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WINI		SEA WAVE HEIGHT (Fi.)	SWELL	WAVES	WATER EMP. Oc	A LEVEL RESSURE (mb)	TEMPER	
			·	VISIB (PV.	DIR. (True)	SPEED (Kts.)	SEA HE (F	DIR. (True)	HEIGHT (Fi.)	SEA	SEA PRE	DRY BULB	WET BULB
	01	55031.60 N 160° 11.71W	PC	10	339	15	<u></u>		_	1.8	1004	1.8	1.0
\cup	02	56926.23U	PC	10	286	12				1.7	10048	710	0,0
	03	65023,14N 16056,61W	PC	10	326	17				1.8	10050	(.0)	-6.5-
() プロ	04	550/8.6 IN 161020.4' W	PC	12	346	28	3-5	285	2-4	1.8	1005.9	8	-1.1
	05	550154 N	CL	12	020	22	3-5	285	2-4	1.4	1007.2	-2.1	-2.0
	06	55007-01 N 161055-9-W	PC	12	334	17	3-5		~_	1.4	1008-4	-, <i>5</i>	-1.8
	07	55000 4'N 162005.6'W	CL	12	012	7	1-2	250	1-Z	1.2	1008.6	-, 5	-2
	08	54057.8 N 182°27.4 W	OC	6	336	28	4-5	3.BO	2-3	0.9	1010.1	-1.9	-2,5
!	09 .	54 51.8'W	PC	10	程"	20	4-5			1.3	1011.2	2.1	3.0
	10	54°41.6'N	PC	10	351	20	4-5			1.8	1012-1	-1.1	-2.1
	11	54.36.1.N	PC	10	356	30	5-6			1,9	10128	71.2	-2.0
***	12	54°31.40 N	PC .	(0	331	29	3	335	3	2.0	1040	0.0	-0.5
(, , , ,	13	54° 27.14 N	PC	10	335	30	5	332	4	1.9	1005.	0.5	-a.5
	14	16414624	P.C.	10	347	28	5	347	5	21	1016	-4.6	- 5.0
	15	164045, PGW	PC	15	354	23	3	355	7	2.2	1016.9	-3.0	-4.2
54025.11N 16504.7W	16	54036.61N	CL	12	354	19	3-5	310	6-8	2.5	1017.1	1.9	-3
,60 0,,,	17	54036.6'N 165013.71W	SW	12	AATT	17	3.5	000	5-7	2.2	1018.1	-2.1	-3./
	18	1650 15.4' W	PC	12	317	16		320	5-7	2.1	1018.7	- 1,2	
	19	54. 55.44.N	PC	12	330	18	B - 5	320	5.7	2.3	11114 -		1
	20	54°55.5'N 165°23.7'W 54°56.79'N	PC	10	379	14	3-5	90	5-7	2.2	1019,2	41.9	2.0
	21	ひんがのて ふうりょうん	PC	10	330	15	3-5	110	4-5	2,1	1019.9		1.8
	22	55004.26 N	PC	10	345	10_	2-3	90	4-5	2.1	0201	3.41	-3.3
- :	23		POS	10	333	10	123-	40	4-5	*	1021	-3.2	3.0
	24	5501,14N 1649,40-73W	PC/SW	10	333	10	2-3	40	4-5	1.9	1021	-3.5	1-3.0
	REMA												
													
W . 5												<u> </u>	
(. <u>. </u>											
					-				_			·	

NOAR FORM 77-13D (3-76)

SUPERSEDES NOAA FORM 77-13D (7-72). EXISTING STOCK

nis apo zoros@b...

OSITION and Long.)	PRESENT	<u>}</u>			wednesday 14, April					+8			
- "	PRESENT WEATHER		WIND WIND OR. SPEE (True) (Kts.)		EA WAVE HEIGHT (Ft.)	SWELL	WAVES	WATER EMP.	A LEVEL RESSURE (mb)	TEMPER			
		VISIB (N.A	DIR. (True)	SPEED (Kts.)	SEA V HEI	DIR. (True)	HEIGHT (Ft.)	SEA Y TE	SEA I	DRY BULB	WET BULB		
17.70N	<i>C</i>	10	334.	10				1.9	10210	-3,5	-3D		
20691	Su	2	322	9				1.9	0.120	-4.0	-4.7		
35.712	-Swsw	2	328	13	(1.9	1020.	-40	-4.0		
33.20° W	PC	8	335	8	1-2	285	3-5	1.7	1020.9	•	-4.1		
139.8'W	5/8PC	12	000	10	1-2	285	3-5	1.7	1020.9	-2.9	- 3.		
44.85.N 45.65.W	PC	10	012	10	1-2	785	3-5	1.6	1020.9	-2.1	-2.		
049.01N	CL	12	355	9	1-2	285	3-5	1.6	1020.9	-2.0	-2.		
155.5 N	OC.	10	352	iЦ	1-2	Z80	3-4	1.4	1021.8	- 3.0	-3, (
5.2N	OC	10	358	اکا	1-2	190	3-4	5,1	1071.1	-3.5	-3.		
165 N	00	10	336	8	1-2	180	3-4	10	1021.3	-5.1	-50		
25.9°N	00	10	3	15	1-2	190	3.4	1.6	1021.8	-5.2	-5.1		
35-35M	cl	10	0060	11.9	3	9.10	2	0.0	10231	-10	-400		
	ch	16		7	2		3	0.0	1022.0	-1.0	- 0		
22 4 V	CL.	10	 	7.3	2	340_	2	- 010	1022	-7.0	~7.0		
50-76 V	cL	10		65	σ.	350	2						
52.75'N	CL	10	357	3	2	350	2	-0.1	1021.1	-6.3	6.1		
052 1 N	C	12	090	4	0	220	3-5	7	1021.0	.5	0.0		
15271N	(12	4	4	0	270	3-5	6		T	- / ₀		
056 0 N	C		1	21	0	270	2-3	6			-5-		
01.3 1 N	G	12	1	5	0	270	2-3			T	-5.		
53.4 W	(1-	10		5	0	1	7-3	~0.2	[018.1	-6.5	-7.5		
44.7' N	CL	10	171	9	INK	270	2-3	1	1	-5.9	-6.8		
41,02 N	PC	10	130	12	1		2-3	-0,2	1016.1	-5-3	-541		
26. 432	CL	10	136	16	-4	150	1-2	0 28.	1015	-4.0	-4.		
	12.30 N 12.30 N 12.30 N 13.41 N 13.22 N 13.30 W 13.30 W 13.30 W 13.30 N 13.30 N 13.30 N 13.30 N 13.50 N 14.85 N 14.85 N 14.85 N 15.50 N 15.50 N 15.50 N 15.50 N 15.30 N 15.30 N 15.30 N 15.30 N 15.30 N 15.30 N 15.30 N 15.30 N 16.30 N 16.	2069 SW SW SOS SIN SOS SIN SOS SIN SOC	17.70 C 10 19.71 SW 2 20.69 P	17.00 C 10 334. 20697 Sw 2 322 25.71 Sw 2 328 25.21 PC 8 3355 23.30 W PC 8 3355 23.30 W PC 12 000 44.85 N PC 10 012 25.5 N OC 10 357 25.5 N OC 10 358 25.6 N OC 10 358 25.75 N OC 10 366 25.75 N OC 10 358 25.75 N OC 10 358	10 334. 10 20697 SW 2 322 9 25.71N SW 2 328 15 31.22'N PC 8 335 8 33.30 W PC 12 000 10 44.85 N PC 10 012 10 44.85 N PC 10 352 14 45.65 W OC 10 352 14 55.5 N OC 10 358 17 16.5 N OC 10 358 55 55.7 N OC 10 358 65 52.7 N OC 12 090 4 15.6 N OC 12 090 4 15.6 N OC 12 085 5 10.13' N C 12 085 5 11.1'N OC 10 130 12 11.1'N OC 10 130 12 11.1'N OC 10 130 12	10 334 10 — 20 69	19.00 C 10 334. 10 — — — 2069 S	10 334 10					

		EEMAN.			THUR	Sclay	15,	+8	·	·		
1ME	POSITION (Let. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	₩IN DIR.	SPEED	EA WAVE HEIGHT (FL)	SWELL	неібнт	EA WATER TEMP.	SEA LEVEL PRESSURE (mb)	DRY	C WET
01	56,23,144	CL	 	· ·			(True)	(F1.)	S	-		ನ್ಯು 9
02	560 Li. Lie		,							10125	~2.5	-2.5
03	56°16.43N	(.L.			20	5 -6			1.6		-1.5	-1-5
04	56.05.83'N	Ci_2/8	12	135	25	5-7	135	2-4	1.1		-1.9	-1.9
05	55059.41N	CL	12	128	27	4-6	135	2-4	1.2		-1.0	7
06	56050.81N	ZR	8	130	31	5-7	135	2-21	1.7		-1.0	-1.0
07	55042.61N 164014.01W	ZR	5	130	30	5-7	135	3-5	1.8			3
ا ٥٠	55036.4 N	22	6	144	24	5-7	120	3-5	1.8			1
09	55°31.3'W	7P/EW	5	159	29	8-10		3-5	2.8		1.7	LZ
10	55°29.17'N	SP/RW	3	157	30	8-10	340	2-3	1,9	997.	1.4	1.6
11	C5°43.6W		3	145	31	8-10	320	45	2.8	995.1	2.3	2.1
12	55044 65N	, .	5	187	28	B	150		1.5	994.5	ک ہ	٦. (١
13	1648281W	CL LS-	(151	24	18-10			1.4	993.5	=2.5	2,5
14	765003.24W	CL S	٦	150	26		183	6-8	0.9.	9992	3.0	2,5
15	56 you 36 N	CL	3	151	i8	6-8	180	8-10	0.9	991,0	2,0	1.9
'0	165°29.3'10	CT 8/8	2	150	14	4-6	195/	6-8	.7	989.5	1.8	1.8
17	165028.51W	F	1/2	180	14	3-5	135	6-8	1.4	987.9	3.4	3.4
18	165013.510	Ch	49	10	70	3 5	190	68	1.8	7865	2.6	23.
19	165013 5 4	CL	130	10	10	3-5	190	6-18	1.8	9865	2.6	2.3
20	55° 35.9'10	CER	1	137	13	3-5	210	5-6	1.9	186.1	3.3	3.1
21	55°26 3 W 164°58.2 W	CER		147	10	3-5	200	5-6	7.0	9852	3.2	32
	166° 3 1 2V	CLR		197	27	3-5	200	5-6	2.0	985.1	3,1	3.0
23	165° 18.8' W	ر اب	2	200	18	3-5	200	516	2.0	986.1	3,3	3.2
		CL	2	200	16	3-5	200	5-6	2،9	986.1	3.5	3-5
	02 03 04 05 06 07 08 09 10 11 11 12 13 14 14 15 16 17 17 18 19 20 21 22 23 24	02 164023 W 02 164032.73 W 03 164.46.34 W 04 56.05.85 N 05 164.46.34 W 05 1640.30.0 W 06 1640.30.0 W 06 1640.30.0 W 07 1640.30.0 W 08 1640.30.0 W 09 1550.30.0 W 09 1550.30.0 W 1640.30.1 W 10 1550.30.0 W 1640.30.1 W 10 1550.30.0 W 11 1640.30.0 W 11 1640.30.0 W 12 1640.30.0 W 13 1640.30.0 W 14 1650.30.0 W 15 1640.30 W 15 1640.30 W 1640.30 W 17 1650.30 W 18 1650.30 W 18 1650.30 W 18 1650.30 W 19 1650.30 W 10 1650.30 W 10 1650.30 W 10 1650.30 W 11 1650.30 W 12 1650.30 W 13 1650.30 W 14 1650.30 W 15 1650.30 W 15 1650.30 W 1650.30 W 1650.30 W 17 1650.30 W 18 1650.	02 164023 W CL 02 164032.73 W CL 03 566.6.43 W CL 04 56.05.80 N CL 05 164030.0 W CL 06 164030.0 W CL 06 164030.0 W CL 07 36.50.8 N ZR 08 164030.0 W ZR 08 164010, W ZR 09 155036.1 N ZR 09 155036.1 N ZR 10 55042.6 N ZR 10 55042.6 N ZR 10 55036.1 N ZR 10 55	01 56 23,10 CL 10 02 164 23, 73 LL 16 03 56 16 3 LL 10 04 56 16 3 LL 10 05 16 16 3 LL 10 06 16 16 3 LL 10 06 16 16 3 LL 10 07 16 10 10 LL 12 08 16 10 10 LL 10 08 16 10 10 LL 10 09 55 36 11 N ZR 10 16 16 2 L. N ZR 11 55 26 11 N ZR 11 55 27 LI N ZR 12 60 16 2 L. N ZR 13 16 4 2 L. S LL ZR 14 16 20 3 LL LL ZR 15 16 20 LL ZR 16 16 20 LL ZR 17 16 20 LL ZR 18 16 20 LL ZR 19 16 20 LL ZR 10 16 20 LL ZR 10 16 20 LL ZR 10 16 20 LL ZR 11 16 20 LL ZR 12 16 20 LL ZR 13 16 20 LL ZR 14 16 20 2 LL ZR 15 16 20 LL ZR 16 16 20 LL ZR 17 16 20 LL ZR 18 16 20 LL ZR 19 16 20 LL ZR 20 17 16 20 LL ZR 21 16 20 LL ZR 22 16 20 LL ZR 23 16 20 LL ZR 24 16 20 LL ZR 26 16 20 LL ZR 27 16 20 LL ZR 28 10 LL ZR 29 10 LL ZR 20 10 LL ZR 20 10 LL ZR 20 10 LL ZR 20 10 LL ZR 21 10 LL ZR 22 10 LL ZR 23 10 LL ZR 24 16 20 LL ZR 26 10 LL ZR 27 10 LL ZR 28 10 LL ZR 29 10 LL ZR 20	01 56°23,14	01 56°23,141 CL 10 134 20 02 164°32,734 CL 10 134 18 18 156°16.434 CL 10 150 20 164°36.244 CL 10 150 20 164°36.244 CL 12 128 27 164°36.444 CL 12 128 27 164°36.444 CL 166°36.444 CL 16	01 56°23,14" CL 10 134 20 3-4 02 5602,104" CL 10 134 18 3-4 03 56°16,°34" CL 10 150 20 5-6 04 56°05,85°N CL 9/8 12 135 25 5-7 05 55°59,41" CL 12 128 27 4-6 06 164°30,00" ZR 8 130 31 5-7 07 1640/30,00" ZR 8 130 31 5-7 08 15°36,11" ZR 8 130 30 5-7 08 15°36,11" ZR 6 144 24 5-7 09 55°36,11" ZR 6 144 24 5-7 09 55°36,11" ZR 6 144 24 5-7 10 55°36,11" ZR 7 8-10 11 55°43,10" ZP/EW 5 15°4 29 8-10 12 55°43,10" CL 5- 5 187 28 8 13 164°50,10" CL 5- 5 187 28 8 13 164°50,10" CL 5- 5 187 28 8 13 164°50,10" CL 5- 5 187 28 8 14 56°09,12" CL 5- 6 151 24 188-6 15 56°09,12" CL 5- 6 151 24 188-6 16 56°09,12" CL 5- 6 150 14 4-6 17 165°29,31" CL 28/8 Z 150 14 4-6 18 165°29,31" CL 130 10 10 3-5 18 165°29,31" CL 130 10 10 3-5 18 165°26,35" CL 130 10 10 3-5 18 165°35,20 CL 130 10 10 3-5	01 56°23,14" CL 10 134 20 3-4 - 10 154°23,73	01 56°23,14" CL 10 134 20 3-4 — 02 56°16.43" CL 16 134 18 3-4 — 03 56°16.43" CL 10 150 20 5-6 — 04 56°16.33" CL 38 12 135 25 5-7 135 2-4 05 56°59.41" CL 12 128 27 4-6 135 2-4 06 56°59.51" ZR 8 130 31 5-7 135 2-4 07 55°59.41" ZR 8 130 31 5-7 135 3-5 08 56°59.51" ZR 8 130 30 5-7 135 3-5 08 56°59.51" ZR 8 130 30 5-7 135 3-5 08 56°59.51" ZR 8 130 30 5-7 135 3-5 10 55°34.11" ZR 6 144 24 5-7 120 3-5 10 55°34.11" ZR 6 144 24 5-7 120 3-5 11 55°31.51" ZR 7 145 31 8-10 130 3-5 11 55°31.51" ZR 7 145 31 8-10 320 4-5 11 55°31.51" CL L5-5 187 28 8 155°59 12 56°49.21" CL L5-5 187 28 8 155°59 13 1643251 CL L5-6 151 24 88-1 180 5-8 14 56°59.21" CL 3 151 18 6-8 180 8-16 15 56°49.21" F 1/2 180 14 3-5 135 6-8 16 156°59.21" F 1/2 180 14 3-5 135 6-8 17 156°28.51" F 1/2 180 14 3-5 135 6-8 18 145°57.71" F 1/2 180 14 3-5 135 6-8 18 145°57.71" F 1/2 180 14 3-5 135 6-8 18 145°57.51" F 1/2 180 14 3-5 135 6-8 18 145°57.51" F 1/2 180 14 3-5 135 6-8 18 145°57.51" F 1/2 180 14 3-5 135 6-8 18 145°57.51" F 1/2 180 14 3-5 135 6-8 18 145°57.51" CL 130 10 10 3-5 190 6-8 18 145°57.51" CL 130 10 10 3-5 190 6-8 18 145°57.51" CL 130 10 10 3-5 190 6-8 18 145°57.51" CL 130 10 10 3-5 190 6-8 18 145°57.51" CL 130 10 10 3-5 190 6-8 18 145°57.51" CL 130 10 10 3-5 190 6-8 18 145°57.51" CL 130 10 10 3-5 190 6-8 18 145°57.51" CL R 1 147 27 3-5 200 5-6 18 156°57.51" CL R 1 147 27 3-5 200 5-6 18 156°57.51" CL 2 200 18 3-5 200 5-6	01 5623,14 CL 10 134 20 3-4 — 1.0 02 16432,73 CL 16 134 18 3-4 — 0.7 03 16432,73 CL 16 134 18 3-4 — 0.7 03 16432,73 CL 16 134 18 3-4 — 0.7 03 16432,73 CL 16 134 18 3-4 — 0.7 04 56.08 80 CL 10 150 20 5-6 — 1.6 05 56.08 80 CL 12 12 8 27 4-6 135 2-4 1.1 05 56.08 80 CL 12 12 8 27 4-6 135 2-4 1.2 06 56.08 80 CL 12 12 8 27 4-6 135 2-4 1.2 07 55.07 61 ZR 8 130 31 5-7 135 2-4 1.7 08 1643,815 W ZR 8 130 31 5-7 135 2-4 1.7 09 1640,815 W ZR 6 144 24 5-7 120 3-5 1.8 09 1652,7 W 7/EW 5 154 29 8-10 130 3-5 2.8 10 55.24.17 W 7/EW 5 154 29 8-10 130 3-5 2.8 11 56.08 1642,11 W 16/EW 3 145 31 8.60 320 45 2.8 12 1646,11 W CL L5- 5 187 28 8 155 5 1.5 13 1645,11 W CL L5- 5 187 28 8 155 5 1.5 13 1645,11 W CL L5- 5 187 28 8 155 5 1.5 14 1650,11 W CL L5- 5 187 28 8 155 5 1.5 15 1660,11 W CL L5- 5 187 28 8 155 5 1.5 16 1650,11 W CL L5- 5 187 29 86 180 6-8 1.4 16 1650,11 W CL L5- 5 187 28 8 155 5 1.5 17 1660,11 W CL L5- 5 187 28 8 155 5 1.5 18 1650,11 W CL L5- 5 187 28 8 155 5 1.5 18 1650,11 W CL L5- 5 187 28 8 155 5 1.5 18 1650,11 W CL L5- 5 187 28 8 155 5 1.5 18 1650,11 W CL L5- 5 187 28 8 155 5 1.5 18 1650,11 W CL L5- 5 187 28 8 155 5 1.5 18 1650,11 W CL L5- 5 187 28 8 155 5 1.5 18 1650,11 W CL L5- 5 187 28 8 155 5 1.5 18 1650,11 W CL L5- 5 187 29 86 86 8 0.9 18 1650,11 W CL L5- 5 187 29 86 86 8 0.9 18 1650,11 W CL L5- 5 187 29 86 86 8 0.9 18 1650,11 W CL L5- 5 187 29 86 86 8 0.9 18 1650,11 W CL L5- 5 187 29 86 86 8 0.9 18 1650,11 W CL W R I II/T IO 3-5 190 6-8 1.8 18 1650,15 W CL R I II/T IO 3-5 200 5-6 7.0 18 1650,15 W CL R I II/T IO 3-5 200 5-6 7.0 18 1650,15 W CL R I II/T IO 3-5 200 5-6 7.0 18 1650,15 W CL R I II/T IO 3-5 200 5-6 7.0 18 1650,15 W CL R I II/T IO 3-5 200 5-6 7.0 18 1650,15 W CL R I II/T 7.7 19 19 19 19 19 19 19 19 19 19 19 19 19 1	01	01

NOAA FORM 77-13D (3-76)

transmission to be a con-

	MILLER	<u>FREE</u>	MA	\sim	<i>ā</i> :	16,5	preis	16, 1	pryl	178	·	_
TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIN	D	SEA WAVE HEIGHT (Ft.)	SWELL	WAVES	WATER EMP.	SEA LEVEL PRESSURE (mb)	TEMPER	RATURE
	(A)		VISIB (W.A)	DIR. (True)	SPEED (Kts.)	SEA V HEI	DIR. (True)	HEIGHT (Ft.)	SEA W TE	SEA L PRES	DRY BULB	WET BULB
01	33520,80N	CL	7	200	10	2	700	3	211	9865	40	3,5
02	76549.89W	cL	K		17	2		3	1,4	9865	<u> 30</u>	3,0
03	55049.532 165 51.49W	Fh	1/2	186	P.A.			3	1.8	986.5	30	3.
04	55053.21N 166°02.50W	R	1/2	202	18	4-6	230	5-7	1.9	926.8	2.9	2.
-05			13	1)//	30)		_				
00			/-	071								
07	55042.71.N 1660/2.8'W	CL	10	230	17	3-5	190	4-6	2.1	987.5		3.2
08	57 35.0'N 1615 06.00	CL	10	293	17	3-5	180	4-5	2.1	989.2	3.1	3.0
09	55°21.8 N	CL	10	240	16	3.5	190	Ч	7.2	990.1	4.8	4.0
10	16-31.7	CL	10	246	17	3-5	290	4	2.2	997.0	5.0	4.1
11	5746 17044	lī.										
12	5508.501 N 1650.41.36 W	<u> </u>	10	264	10	3-5	234	3-5	2,0	9950		5.0
13	5590-47N	cl	10	249	10	3-4	228	2-3	2.2	9460	60	5.0
14	55°13.44N 165°14.34W 55°17.16 N	CL	10	232	10	5-3	232	3-4	21	946.5	7.5	575
15	64655 40 W	<u> </u>	10	224	10	2-3	224	341	2.0	997.0	7.0	500
16	164 30.12'W 55 025 2'N	CL 8/8st	10	238	10	1-2	255	3-4	2.1	996.0	7.0	5.0
17	164017.91W 55:26.71N	LL	10	240	6	1-2	25.5	3-4	2.0	997.2	7.1	5.1
18	163°56.4.W	CL	10	225	04	0-1	255	2-3	2.0	998.0	6.0	4.3
19	163° 32.7' W	CL	8	308	05	1	250	3	1.9	998.8		4.1
20	55° 31.6 / N 163° 32.8 W 556 31.7' N	دل	7	255	03		250	3	1.9	999.0		4.8
21	163° 33.0' W	CL	6	220	02	21	250	3	2.0	999.2		3.7
22	556 31.51, N 143032.6 W	CL	6	250	02	<1	250	2-3	1.9	999.5		3.2
23	55.38.461	<u> </u>	5	284	50	41	250	2.	1.8	*****	2.9	2:1
24	163 34114W	<f< td=""><td>احر</td><td>109</td><td>08</td><td><1</td><td>250</td><td>2</td><td>2,0</td><td>100000</td><td>13. O 1</td><td>215</td></f<>	احر	109	08	<1	250	2	2,0	100000	13. O 1	215

		DEC	CK LO	G – WE	ATHER	ROBSER	OITAVS	N SHEE	ΞT			
NOAA	SHIP		20		.	DAY		DATÉ		TIME ZO	NE	
/	MILLER F	REEMA	HU			SATUR	day	17. A	hD)21L	_+-8	3	
								**************************************	F			
TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIN	ID.	SEA WAVE HEIGHT	SWELL	WAVES	WATER EMP.	:A LEVEL RESSURE (mb)	ТЕМРЕ	RATUR OC
	5		 	DIR. (True)	SPEED (Kts.)	SEA HEI (F	DIR. (True)	HEIGHT (Ft.)	SEA Y	SEA L PRES	DRY BULB	WET
01	55 44.7'N 163"450"W	CL 8/8	5	300	03	41	250	02_	1.9	1000. i	3.0	2.5
02	55044 8N	ci	5	366	83	121	250	02	2.0	10007	3.3	3.4
03	550 44.5 1 N 11034 40.6 W	CL8/3	5	030	060	4	250	02	1,9	1000.2	2.4	2.0
04	163044.7 W	F	1/2	035	04	<1	250	1-2	1.9	999.5	2.2	2.0
05	55044.61N 168045.71W	F	×1/2.	080	05	4	250	1-2	1.6	995.2	2.8	2.8
06	55044.6'N 163045.7W	F	1/2			41	250					
07 ·	55051.0 N 1630240'W	F	1/2	080	05	41	250	1-2	1.6	995,2	2.8	2.8
08	165°25.3 W	F	45	28	3.5	41	70	1-2	1.4	999.1	3.1	2,2
09	56° 10.8 N	F	6	49	08	41	230	2-3	1.3	999,1	3.1	2.7
10	56° 11.5 'N 163° 44.0'W	F	6	76	lı	1-2	240	5-6	1.4	999.1	3.z	3.0
11	56°246'N	F	5	83	11	1-2	240	#5-6	1.1	999.2	3.8	3.0
12	169 00.5 W	CL	5	୦୫୦	08	1-2	240	5-6	1.0		2.2	a.,
13	560 43.61~	CL	5	080	07	1-2	237	3-41	0,2	999,5	30	2,0
14		CL L	5	090	12	1-2	240	3-5	-0.3	999,5	1.5	10
15	5650.142 164201.64W	CLL	5	096	141	1-2	237	3-5	-0.2	9995	3.0	2,0
16	56056.3' N 164008.3'W	R	8	113	18	2-3	300	3-4	-0.3	999.1	3.0	2.0
17	56057 4 N 1640102 W	R-S-	8	117	19	3-4	265	4-6	-0.5	999.1	0.8	0.3
18	36049,01N 16402.9 W	CL 8/x	8	094	14	3-5	Z65	57	- 4	9989	.2	0/
	56035.91N 164054.01W	CL 8/8	8	120	17	3-5	265	4-6	• /	998.9		1.0
20	56°26 3'N 165°43.7'W	CL 6/8	9	120	14	7.3	·240	4-6	-,7	988.9	1.5	1.7
۰. ا	56°14.7'N 163° 33.3'W	CL 7/8	9	124	14	2.3	330	4-6	1.4		-	1.5
	56.04.0.N	@PU 4/3	10	170	15	7-3	310	46	1. 2	999.4	7 ,	1,2
23	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		, ,	170		/	310	n C		()	<u> </u>	1,2
24	55 3-1,22 N 163 21.08W	CL	10	155	10	£ 5	N/o	4-6	167	1006,5	3.0	2.0
EMAR	iks	2.	L				.,410	,	1,07	100001		
				 					(2)	<u> </u>		
				· <u> </u>			·· ·				· · · · · ·	
		· · · · · · · · · · · · · · · · · · ·										
				·						· · · · · · · · · · · · · · · · · · ·	 	
		·										
			· -								•	
		·	·									
						÷	-					
				_			_					

	DECK LOG - WEATHER OBSERVATION SHEET NOAA SHIP DAY DATE TIME ZONE												
	NOAA	SHIP		_			DAY		DATE		TIME ZO	NE	
		MILLER	FREEM	M		4	SUN	DAY	18AP	R ¹ 99	+8		
	TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIN	SPEED	SEA WAVE HEIGHT (Ft.)	DIR.	WAVES	EA WATER TEMP.	SEA LEVEL PRESSIJRE (mb)	DRY	RATURE OC WET
	οi	55 51 .87 N	C	10	(True)	(Kis.)	 	(True)	(F(.)	ς,		3.0	BULB
	02	163 22 35W 55048 21N 1630 4012W	C	10	164	15	ブ	7	N/0	1.7	1002.0		1.9
	03	185034191	2	10	227	06,	XI			1.9	(002,5		1.8
	04	163-36 NGW 35027 ZIN	C	10	230	09	\$1		5	2.0	10021		2.0
	05	163053.1 W 55020.8 N	C	10	215	06	21	235	5	2.0	1	1 /2	1.8
	06	164013,5 W 55024 8 W 164012.9 W	PC	10	L.gkt	Airs	Z /	235	5	Z. /	1002.9	2.9	2.0
	07	164°12.9'W	PC 3/8	10	175	05	3/	235	5	1.9	1003.6	2.1	1.5
8	80	163 54 00 W	PC 4/8	10	77	05	71	230	4	10	1003.0		2.0
	09	55° 27.3' N 164° 07.1' W	PC	10	095	02	41	250	4	1.9	1003.3	4.0	3.9
	10	550 26.7' N 1640 08.0' W	PC	10	035	08	1	250	3-4	2.0	1003.9	3,6	2.9
	11	55° 26.8' N 164° 07.9' W 55° 26 6 A	PC	10	020	09	1	265	4	2.0	1003.9	3.87	2.9
1	12	164 12.4'W	PC-	ID	02.0	10	,	270	4	₽.1	1003.9	3.8	2.9
-	13	16402217 W	PC	10	018	11	 	270	4-6	2.1	1003.9	3.6	2.8
	14	164 28,62W	PC	10	020	10	1	270	3-4	5,1	10040		2.0
Ì	15	550 05.7 12 164" 55.2 W	PC	10	024	11	1	270	3-4	2.6	1004.1	23.2	2.3
	16	54058.8'N 165016.8'W	CZ	10	030	<i>i0</i>	2	260	5	2.4	10040	7.5	4.9
Ì		54049.81N 165022.21W	CL	10	025	10	2-3	260	5	2.9	10015	7.5	5.0
1		54040.6'N 165037.3'W		10	000			260	5		10045	7.5	4.9
	19	54030.71N 165052.7'W	C1.		010	12	2-3	260	5	2.8	1003.5	4.0	4.5
ľ	20	54°22.6'IV	CL.	10	008	14	7-3	250	3	3.1	1003.7		3.9
Ì	21	166° 21.5 W	CL	10	005	iZ	7-3	760	3	3.2	1003.1		3,9
t	22	186 2115 W		10.	000	16	4. /	7 (0()	7	3.6	1003.1	1.7	 - -
	23												
,	24	53°54. N 166° 32 W	S'W		030	୦୫	4	N/0	N/o	NIA	10039	4.5	3.0
t	REMAR			<u></u>		00	1			11/18	1000(1)	7.00	7,0
)R									
ļ							括						
							•						
					'			•	<u>-</u> .		-		
							,						
Γ													

THE SIMPLE WATER OF