NOAA FORM 77-130 (3-76)

NOAA	SHIP					DAY		DATE	· .	TIME ZO	NE	
	DONIATI	D.H. BRO	NXX/INT			SATUR	Delta-	26 MA	Y 01	+	8	
	RUNAL	DH. BRU	VVIN			200			-	<u>. </u>	-	
TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIN	D	SEA WAVE HEIGHT (FL)	SWELL	WAVES	SEA WATER TEMP.	SEA LEVEL PRESSURE (mb)	TEMPER 0	RATURE
			VISIB (N.)	DIR. (True)	SPEED (Kis.)	SEA 1 HEI (F)	DIR. (True)	HEIGHT (FL)	SEA W	SEA L PRES	DRY BULB	WET BULB
01	148 ° 34.65 w	CU. 5+ Rain	10-12	ردي °	6.5	1-2	110*	1-2	7.2	1023.5	7.1	5.2
02	58° 12.0'N	CU, 5+ 7	10-12	15Z*	5.2	12	110.	1-2	7.5	10 23.0	7.2	5.9
03	58° 14.6'N	CO, 5+ 7	10-12	125°	11.0	1.2	110.	1-2	7.2	1072.2	7.1	5.9
04	142. 14.5.4 N	Cuse 7	870	KU	06	1-7	110	1-2	7.3	102/8	7.5	6.2
05	28 . 13.1 W	(5t 7	8-10	170	07	1-2	1200	1-2	7.3	1021	7.8	6.5
06	29 13.65 N	C. Assi+	8-10	160	07	1-2	120	1-2	7.5/	1020.9	80	6.8
07	28. 14.7 W	Cu St ScT	7-10	160	06	1-2	120	1-2	7.8	10205	8.1	6.0
08	58° 15:5 N 147° 42.2 W	CO. SH. S. 8	8-10	160	06	1-2	120	1-2	7-0	10264	8.3	6.9
09	58° 15.7 N 147° 42.5 W	CV ST, Se8	F-10	160	04	1-2	120	1-2	7.1	10 20.3	8.1	6.4
10	38" 15.7 N	Cu, Sr, Se	8-10	170	06	(-2	120	1-2	7.0	(019.8	8.5	۲.5
11	58.13.7GA	WStS.	8-10	140	ပ 8	1-2	120	1-2	7.4	1018.9	8.9	6.8
12	58. 11. 6 N	cusc 7	8-10	150	10	1-2	120	1.2	1.5	1618.1	9.2	1.0
13	58 08.71/N	Co St.Sm	8-10	150	11	1-2	120	1-2	7.3	1017.2	7.0	6.9
14	240 CO-14 N	Rain 7	8-10		03	1-2	120	1-2	7.7	1016.9	69	5.9
15	570 49.8'N	Rain CU.ST.SC	8-10	195	06.2	1-2	200	1-2	7.8	1015.9	7.2	7.0
16	57 40.6 N 149 40.5 W	St. DRIZZIE	G	280	6	Ø-1	180	1-2	7.4	1015.5	7.1	6.1
17	57° 30.8 'H	st 8	8	Ø6Ø	5	Ø-1	190	1-2	7.6	1014.5	6.9	5.3
18	57° 2 . 1 'N 150° 19 . 1 'W	9	6	-	VARIBLE	<u> </u>	190	1-2	7.3	1813.7	5.8	4.9
19	57° 11.3 'N 150° 37.2 'W		6	35¢	3	0-1/2	210	1-2		1013.3		4.0
20	57.01.8 N	St. 4 25		010	05	0-1	210	1-2	6-8	1013.70		4.7
21	26.21.1 N	St. HBJ8	6-8		F0	0-1	220_	1-2	7.6	1015.4		_
22	121.16.4 W	St. 5c 8	6-8		14	0-1	270	1-2	7.5	1012.3	5.7	4.8
23	151.34.5 W	Sc 8	6-8	360	16	2-3	270	2-3	7.2	1012.6	-	5.9
24	56 · 23.5'N	9									6.9	
REMAR	182°16.08'W				21.5		270	2-4	7.0	1012 755-2		5.9
	1535-DRI		10-1	را ١٥٠٠	KAIN	. 165Ø	- KAIN	NOTO	reo.I	(32-1	WIN 31	HOWEK?
	2225 - H	r iew										
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	CITIO		.1. 201	<u> </u>	ATITEIN	OBSER		DATE		TIME ZO	NF		
NOAA		D H. BRO	WN			SUM	YAO		IQ FAI	71.11.20	+8		
	- KOTKAD												
TIME	POSITION (Lst. and Long.)	PRESENT WEATHER	LITY	WIN	ID .	AVE	SWELL	WAVES	WATER EMP.	EVEL URE	TEMPER	RATURE	
	(Lat. and Long.)	#CAT BEN	VISIBILITY (N.M.)	DIR.	SPEED (Kte.)	SEA WAVE HEIGHT (FL.)	DIR. (True)	HEIGHT (F(.)	SEA W/	SEA LEVE PRESSURE (mb)	DRY BULB	WET	
01	152:33.2	57, Ns 8	6-8	370	25	5-7	280	4-8	6.9	1012.6	4.5	5.1	
02	560 07. Z 'N	St. N. 8	6-8	320	ચ 8	5-7	280	6-8	6.7	10125	7.9	6.5	
03	55 59.16 N 153 12.12 W	ST NS 8	6-8-	326 362	31	5-2	280	6-8	6.8	1012.5	8.2	58	
04	55 51.8 N	Cu. Ns 8			34	6-8			6.8	1912.9	7.8	6.0	
05	EKO YUZIN	St Anno	8-10	335	35	6-8		-	65	19133	7.0	4.9	
06	55 42.0 N	Cu St.As	8-10		34	7-9			6.4	1014.1	7.1	4.9	
07	55° 37.3 'N 154 25.3 'W	Cu, Ac, 3c	8-10	335	35	7-9		_	6.3	1014.7	7.2	5.0	
08	55.32.6 N	C. L. 3	8-10	340	35	8-10		—	6.2	1015.7	7.9	6.1	
09	55.28.3N	Ce Ac 2		320	27	8-10			6.3	1615.4	5.2	3.5	
10	55° 23.7 H	Cu	8-10	320	27	8-10	_	_	6.3	1016.7	5.0	3.2	
11	55.20.0 A	Cu Sc 2	8-16	320	30	8=10			6.2	1016.0	5.2	3.3	m R
12	55° 16.14'N	ري 5 د ع	8-10		27	6-8	_	-	1. 1	1615.9	7.2	5. 7	
13	55° 14.9412 55° 45.6 W		8-10	325	27	6-8	_	_	5.9	1013.1		5. 2	1
14	550 01.8 'N	•	8-10	T .	27	6-8			/ 2	1016.1	8.0	5.1	
	55 " 03.78'N		8-10	{	26	6-8	_	_	6.3	1016.4	71. 2	4.9	İ
16	54° 57.6 / N	3	14-12		21	5-7			5.7	1016.7	6.0	4.ø	1
17	54 51 4 N	Cu, Ac 4	10-12	r	21	4-6			5.4	1017.1	5.5	3.5	
18	157° \$6.6'W	0 / 3	10-12	-	17	4-6			6.3	1017.1	5.3	3.5	
19	157°28.3 'W		10-12	-	16	3-5	34Ø	3-5		1416.8	-	3.7	
20	157° 50.4'W		8-10		-	2-4	340	2-4	6.7	1016.8		3.8	
21	54°31.5'~	ا کی ا		330	12		290	2-4	6.4	1016.5		4.5	
22	158 36.2' W		_	340	19	1-2		2-4	6.2	1016.4	 9		ł
23	54.22.9 N	clear	8-10		1	2-3	29 6		6.4	1016.4		48	
-	54 38 1'N			1			290	2-4	 		-		ł
REMA	159 41 .3 ° W			336	14	2-4	290	3-5	5.8	1016.7	49. 1	3.5	
	0300-W	IND GUS	LING	- 40	KNOTS								
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	RONALD H. BROWN AE POSITION (Lai. and Long) PRESENT LANGE (Ric.) SPEED (Ric.) CIR.		SHIP					DAY		DATE		TIME ZO	NE		1
160 * 27 - 7	160 * 27 1		RONALI	DH. BRO	OWN			MONDA	۱۲	28 mA	7, 2001	+	8		
1 10 10 10 10 10 10 10	1 10 10 10 10 10 10 10														
1 10 10 10 10 10 10 10	1 10 10 10 10 10 10 10	мЕ			ILITY (1)	WIN	0	YAVE GHT	SWELL	WAVES	ATER AP.	EVEL SURE S)			
The entropy Colon	The *eq.7.7*** Calm 2-10 346 19 2-4 290 2-4 6.1 1016, 15.0 3.9				VISIB.			SEA V HEI			SEA W	SEA L PRES!			
2	2			Calm	8-10	348	19	2-4	290	2-4	6.1	1016.1	5.0	3.9	
)2		calm	8-10	354	21	2-4		2-4	6.1	1016.2	5.0	3.9	
4 54 0.5 d. N	4 \$4.05.07. N Sc 8 8-10 350 18 3-5 — 64 1016.2 6.0 4.2 5 \$16.07. N Sc 8 8-10 350 18 3-5 — 6.1 1016.3 4.8 3.0 6 \$15.05.17. N Sc 7-9 356 21 3-5 — 6.2 1016.2 5.0 3.3 7 \$52.55.17. N Sc 7-9 405 30 4-6 330 4-6 5.8 1015.8 6.3 4.7 8 \$52.47.07. Sc 7-9 405 30 3-5 320 4-6 5.5 1016.0 7-0 — 9 \$52.47.07. Sc 7-9 350 30 3-5 320 4-6 5.5 1016.0 7-0 — 9 \$52.47.07. Sc 7-9 350 30 3-5 320 4-6 5.8 1016.4 6.4 4.9 1 \$53.47.07. Sc 7-9 350 13 2-4 330 3-5 5.9 1016.4 7.1 5.3 1 \$52.57.07. Sc 7-0 30 15 2-4 330 3-5 5.9 1016.4 7.1 5.3 1 \$52.57.07. Sc 7-0 30 15 2-4 330 3-5 5.9 1016.4 7.1 5.3 3 \$40.04.07. Sc 5 8-10 350 15 4-6 350 4-6 5.5 1015.9 6.8 5.0 3 \$40.04.07. N Sc 5 8-10 350 15 4-6 3.5 1015.9 6.8 5.0 3 \$40.04.07. N Sc 5 8-10 345 19 4-6 345 4-6 5.5 1015.9 6.3 4.5 4 \$54.11.05. N Sc 5 8-10 357 17 2-4 345 2-4 5.4 1015.5 7.5 5.2 5 \$41.11.07. N Sc 5 8-10 357 17 2-4 345 2-4 5.4 1015.5 7.5 5.2 5 \$41.11.07. N Sc 5 8-10 357 17 2-4 345 2-4 5.4 1015.5 7.5 5.2 6 \$54.72.7 N C.Ac. 3 8-10 340 12 2-4 345 4-6 5.5 1016.9 3.9 8 \$55.57. N C.Ac. 4 3 8-10 300 17 3-5 — 5.0 1014.9 5.5 4.9 8 \$54.72.1 N Sc 5 8-10 357 17 2-4 345 2-4 5.4 1015.5 7.5 5.2 9 \$54.72.1 N Sc 5 8-10 357 17 2-4 345 2-4 5.4 1015.5 7.5 5.2 9 \$54.72.1 N Sc 5 8-10 357 17 2-4 345 2-4 5.4 1015.5 7.5 5.2 9 \$54.72.1 N Sc 5 8-10 357 17 2-4 345 2-4 5.4 1015.5 7.5 5.2 9 \$54.72.1 N Sc 7 N S	13	540 BR. 164	7			23	4-6		7-4	6.2			3.5	1
5	5 161		54 05.4 N		• [T .	1
16 \$\frac{53}{6}\frac{53}{1}\frac{7}{1}\hbar{N} \text{Sc} & \frac{3}{7-9} & \frac{35}{9} & \frac{3}{2} & \frac{1}{9}\frac{1}{162} & \frac{5}{2} & \frac{1}{9}\frac{1}{162} & \frac{3}{2} & \hbar{N} \text{Sc} & \hat{N}	16)5	54° 01.7 1N						-		 : '				1
37	10 10 10 10 10 10 10 10	06	53° 58.3 'N	-	4 (21				-	19162		1	1
(53. 51. 7 N	18	07	53° 55.2 'N		(330	4-6					1
10 53.47.0 6c	19	80	53.21.7 N	-	-		 -	 	1		1				1
10 53. 45.3 % C, Sc 48-16 030 16. 3-5 320 3-5 5.9 1016.4 7.1 5.3 11 16. 33.6	10	09	53.49.0 ~		+					<u> </u>				4.8	1
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	10	53.45.3 W		18-16		ख	 		_	1				1
12 163° 53.17'N CU SC 5 8-10 859 15 4-6 350 4-6 5.5 1015.9 6.8 5.0 13 54°02.4'N 5C 5 8-10 859 19 4-6 345 4-6 5.5 1015.9 6.3 4.5 14 104.6'N 5C 5 8-10 010 27 4-6 345 4-6 5.5 1015.9 6.3 4.5 14 164°18.75'N 5C 5 8-10 010 27 4-6 345 4-6 5.5 1015.9 6.3 4.5 14 164°18.75'N 5C 5 8-10 010 27 4-6 345 4-6 5.0 1014.9 5.5 4.9 15 54°14.17'N 5C 5 8-10 357 17 2-4 345 2-4 5.4 1015.5 7.5 5.2 16 54°18.7'N CU, Ac, G 3 8-10 360 12 2-4 345 2-4 5.4 1015.5 7.5 5.2 16 164°40.3'W CU, Ac, G 3 8-10 360 12 2-4 360 — 5.0 1614.7 8.2 6.3 17 164°56.7'W CU, Ac, G 3 8-10 340 35 3-5 — 5.0 1614.6 4.2 2.9 18 165°66.7'W CU, Ac, G 3 8-10 340 35 3-5 — 5.0 1616.4 4.0 2.7 18 165°66.7'W CU, Ac, G 3 8-10 340 35 3-5 — 5.0 1616.4 4.0 2.7 18 165°66.7'W CU, Ac, G 3 8-10 18 3-5 — 5.0 1617.1 8.9 3.6 165°11.5'W 5+ 8 6-8 000 17 3-5 — 4.8 1616.9 3.9 2.7 18 165°11.5'W 5+ 8 6-8 000 17 3-5 — 4.9 1617.3 4.0 2-9 165°13.6'W 5+ 8 6-8 010 19 3-5 — 4.9 1617.3 3.8 2.5 165°13.6'W 5+ 8 6-8 000 14 8-10 — 5.0 1617.1 3.8 2.5 1617.1 5-10 3.8 2.5 1617.1 5-10 3.8 2.5 1617.1 5-10 3.8 3.5 3.5 34.9'N 5+ 8 6-8 000 14 8-10 — 5.0 1617.1 5.0 2.5 1617.1 5.0 2.5 1617.1 5-10 3.7 2.5 1617.1 5	2 163° 53.17'N CU SC 8-10 356 15 4-6 350 4-6 5.5 1015.9 6.8 5.0 13 54° 02.4'N SC 5 8-10 345 19 4-6 345 4-6 5.5 1015.9 6.3 4.5 164° 04.6'M SC 5 8-10 345 19 4-6 345 4-6 5.5 1015.9 6.3 4.5 164° 04.6'M SC 5 8-10 010 27 4-6 345 4-6 5.5 1015.9 6.3 4.5 164° 18.13'M SC 5 8-10 357 17 2-4 345 2-4 5.4 1015.5 1.5 5.2 164° 18.13'M SC 5 8-10 357 17 2-4 345 2-4 5.4 1015.5 1.5 5.2 164° 18.13'M SC 6.3 165° 18.5'M SC 6.8 18 3-5 5.0 161° 1.4 4.0 2.7 164° 15.5'M SC 8 6-8 600 17 3-5 5.0 161° 1.1 8.9 3.6 165° 1.5'M SC 8 6-8 600 17 3-5 4.9 161° 1.3 4.0 2.9 165° 1.5'M SC 8 6-8 600 19 3-5 4.9 161° 1.3 3.8 2.5 165° 1.5'M SC 8 6-8 600 19 3-5 4.9 161° 1.3 3.8 2.5 165° 1.5'M SC 8 6-8 600 19 3-5 5.0 161° 1.3 3.8 2.5 165° 1.5'M SC 8 6-8 600 19 3-5 5.0 161° 1.3 3.8 2.5 165° 1.5'M SC 8 6-8 6	11		' 7	· I			1			-	_		1	1
163	163 - 25.5		53° 53. 17'N	5	1	015	 	<u> </u>			 				1
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			54002.4 W	.5	.	345		<u> </u>				ì			1
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		54.11.05" "	<u>5c</u>	8-10							1		l .	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	16 164 18.3 1 C. Ac (5 3 8-10) 300 12 2-4 345 - 5.0 1015.5 1.3 5.2 1.3 164 18.3 1 C. Ac (5 3 8-10) 300 12 2-4 345 - 5.0 1014.6 4.2 2.9 164 56.7 1 C. Ac (5 3 8-10) 340 35 3-5 - 5.0 1014.6 4.2 2.9 165 11.5 1 C. Ac (5 3 8-10) 340 35 3-5 - 5.0 1016.4 4.0 2.7 164 56.7 1 C. Ac (5 3 8-10) 340 35 3-5 - 5.0 1016.4 4.0 2.7 165 165 165 165 165 165 165 165 165 165		54 *141.17'	_5	1					1					1
17 164 ° 56.7 ° W Cu, Ac, Cs 3 3-10 34 0 35 3-5	7 $164^{\circ} \cdot 56^{\circ} \cdot 7^{\circ} \cup C_{\circ}, A_{c}, C_{s}^{\circ} \cdot 3^{\circ} \cup 0^{\circ}		54 18 7 1	<u>sc</u> .	71		-			2-4				1	Cef
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	* $\frac{54^{\circ}}{165^{\circ}} \frac{73^{\circ}}{39.5^{\circ}} \frac{1}{N}$ St $\frac{8}{1.9} \frac{9}{10} \frac{19}{18} \frac{24}{3.5} \frac{3.5}{9} \frac{10}{11.5^{\circ}} 10$		14 40.3 W		• /	- 20	 	 	26.65						- ′
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	9 $\frac{54^{\circ}}{165^{\circ}} \frac{34^{\circ}}{11.5^{\circ}} \frac{51^{\circ}}{11.5^{\circ}} \frac{51^{\circ}}{11.5^{\circ}} \frac{34^{\circ}}{11.5^{\circ}} \frac{18}{11.5^{\circ}} \frac{18}{1$		てた。 コダ・サ ヘリー	C . S	-	' -		 					 	 	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	18	165° 06.2 1W	24	(5.1		 	 			/			 	-
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	19	165" 11.5 W		+									-	-
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	2 155.18.5% 54 8 G-8 010 19 3-5 — 4.8 1017.3 3.8 2.5 W 3 155.25.6% 54 8 G-8 000 14 8-10 — 5.0 1017.4 3.0 2.0 4 165.58.20 3t 7-9 354° 17 6-8 — 5.1 1017.5 3.2 2.5	20	165.17.6 m	- F	-			 				1017. (1
23 155.25.6 5 5 6-8 000 14 8-10 - 5.0 1017.4 3.0 2.0 24 165. 55.34.9 8 1 7-9 354° 17 6-8 - 5.1 1017.5 3.2 2.5	3 155.25.0 % St 8 6-8 000 14 8-10 - 5.0 1017.4 3.0 2.0 4 165. 34.9 % 3t 7-9 354° 17 6-8 - 5.1 1017.5 3.2 2.5	21			0.0										1.
165. 24.6 M St 6 1-9 354° 17 6-8 - 5.1 1017.5 3.2 2.5	1 162. 46.6ω 57 6 6-8 000 17 6-10 - 5.0 1017.4 5.0 2.6 4 165. 25.2'ω 5t 7-9 354° 17 6-8 - 5.1 1017.5 3.2 2.5	22	165-36.6W	· .								1017.3		2.5	l W
²⁴ 165° 55.2'ω st ° 7-9 354° 17 6-8 5.\ 1017.5 3.2 2.5	4 165° 55.2'w st 1-9 354° 17 6-8 - 5.\ 1017.5 3.2 2.5	23	165.46.6W	St 8	G-8	000	14	8-10			5.0	1017.4	3.0	2-0	
EMARKS ,	MARKS 1626 - WIND GUST 38 KNOTS.	24		9 t	7-9	354°	17	6-8	_		5.	1017.5	3.2	2.5	
1620-WIND GUST 38 KNOTS.		EMAR	1KS 1620 - WIT	10 GUS	T 38	KNOT	rs.								
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NOAA FORM 77-13D |3-76|

AA	SHIP						DAY		DATE		TIME ZO	NE	
	RONALI) H. B	RO	WN.	·		Turso	AY	29 m	17, 200/	≠ 8	3	
ME	POSITION	PRESE WEATH))	WIN	D	AVE.	SWELL	WAVES	P. ER	SEA LEVEL PRESSURE (mb)	TEMPER	
	(Lat. and Long.)	# # # # #	54.1 V	VISIBILITY (N.M.)	DIR. (True)	SPEED (Kis.)	SEA WAVE HEIGHT (FL)	DIR. (True)	HEIGHT (Fi.)	SEA WATER TEMP.	SEA L PRESS (mb	DRY BULB	WET BULB
1	16 6 4 8 . 5 'N	ક ર્સ	•	7-9	359°	19	6-8	1	-	5.0	1017.9	2.3	1,5
2	56 54 . 22 N	st	9	7-9	346	18	6-8		-	4.8	1017.4	2.1	1.5
3	560 03.61'N	st	9	7-9	340°	20	6-8	-	-	4.8	10179	2.0	1.5
4	166 13. Z W	St	ક	7-8	340	17	6-7			4.8	1017.5	2.2	1.6
5	56 05.9 W	5+	8	7-8	33¢	20	5-7		_	4.1	1917.4	2.1	1.5
6	56" 15.4 'N 165" 49.3 'W	5+	ধ	7-8	340	20	5-7		-	4.1	1917-0	2.2	١٠۶
7	56° 18.4' N	54	ซ	4-6	35¢	22	5-7			3.7	1016.9	2.0	1.3
8	56" 23.4 N 165" 25.6 W	FOG		0.5	350	22	3-6	010	6-8	3.7	1016.8	1-9	12
9	165.12:2m	FG		<1	340	26	5-7			કે.5	1016.4	2.3	1.7
0	56° 30.5 N 164' 59.9 W	St	8	2-4	340	22	6-8			3.2	1016.4	2-8	1.8
1	56.30.5 N	St	8	2-4	340	2.	6-8		-	3.1	1016.4	2.0	1.5
2	56 35.5 N	St.	8	4.6	345	15	6-8	_	_	2.9	1615.9	2.5	2.0
3	56° 37.7' N 164° 86 .8'W	<i>5</i> Ł	8	6-8	000	16	5-7			3.0	1016.0	2.7	1.9
	56 44.7'N	st	8	6-8	344	13	5-7		_	2.6	10 15.6	2.6	2.0
5	560 51.4'N 1640 05.5' N	Sŧ	8	6-8	345	14	5-7			2.6	1015.8	2.7	1.8
6	56.254.N	5t	8	(e-8	000	18	4-6		_	2.6	1015.8	7.5	1.7
7	56'52.4'N 164'03.2'W	St	8	6.8	355	13	4-6			2.6	1016.0	1	1.9
8	57002 N	_	8	10-8	345	19	4-4			 	1016-1	1	1.1
9	57° 00.5 N	St.		6-8	33¢	20	3-5				1016.3	2.7	1.8
0	56'56.5'N	54	8	6-8	 _ '-	15	4-6			2.3	1016.3	2.7	1.9
!1	56.53.9 N	St	8	2-4 4-6	000	14	4-6			۵.3	1016.6	2.0	1.3
2	163.23.6.4)	St	8	2-4	010	12	3-5	_	_	2.7	1017.0		7.4
3	56.45.14 164.08.54	F06	,	<1/2		11	3-5	_	_	2.7	1017.3	 	0.8
4	56. 46.051'N			< 1/2	 	6	3-5	_	-	2.5	0.7101		1.0
MAI	1 6 4 ° 2ο.62 ′ ω _ ₹K5	Feg		17.72	1000	1 6	19 -	l .	1	10. J_	11011.0	<u>, , , , , , , , , , , , , , , , , , , </u>	1110
	22:2 -	5-6									·		
	22:20	FOG	-	<u> </u>	<- (<u> </u>			· · ·			
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NOAA	SHIP					DAY		DATE		TIME ZON	ΙE	
	RONALI	D.H. BRO	WN			WEDA	UESDAY	30 ≈	AY, 200	+ 8	}	
						<u> </u>						
TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	LITY (.)	WIN	D	SEA WAVE HEIGHT (FL)	SWELL	WAVES	WATER EMP. Oc	SEA LEVEL PRESSURE (mb)	TEMPER	
			VISIBILITY (N.M.)	DIR. (True)	SPEED (Kis.)	SEA V HEI	OIR. (True)	HEIGHT (F1.)	SEA W	SEA L PRES	DRY BULB	WET WET
01	56 ° 42,73 'A	Fog	1 - 7.	020	lo	2-4	_	-	2.9	1017.5	2.2	7.0
02	56.36.65'N	J	1-2	345	15	2-4			2.9		3.0	7.3
03	56032.33M	Fee	1-2	011	12	Z-4	-	-	3.1	10185	4.0	3.0
04	54"27.31 N	St. LTMIST	6-8	62Ø	11	1-2	330	3-4	3.6	1919.4	3.9	3.1
05	56° 21.3' N	St, ET MIST	6-8	めの	08	1-2	33Ø	3-4	3.7	1019.3	3.2	2.5
06	56" (5 . ('N	St, winist	6-8	ØØ	ΙØ	1-2	33¢	3-4	4.0	1019.7	2.4	1.7
07	56° 08.7' N	CLA 8	6-8	ØIS	11	1-3	34Ø	3-4	4.6	1020.5	2.3	1.7
08	56. 03.6 N 166. 20.1 W	St. 8	1-4	080	(0	1-2	010	3-4	4.8	1020.4	2.2	2.0
09	56" 03.6 N	ST 8	1-4	060	09	1-2	016	3-4	4.8	1020.7	2.5	2.0
10	80° 02.6 H	ST 8	1-4	060	12	1-2	010	3-4	4.8	1020.7	2.6	2.1
11	166. 31.8 M	ST 8	1-4	066	67	1-2	020	3-4	4.8	1021.8	3.2	2.8
12	166 56.8W	9T 8	4-6	080	01	1-2	020	3.4	4.1	1021.4	3.8	3.0
13	55 ° 56 . 54 N	<u>5+ </u>	6-8	073	05	1-2	020	3-4	4.7	1021.5	4.5	3.4
14	167 35.9 2	St 8	6-8	070	08	1-2	020	3-4	4.7	1022.0	4.8	3.8
15	550 44.12'N	5+ 8	6-8	<i>0</i> 85	06	1-2	020	2-4	4.6	1021.9	5.9	4.9
16	55" 38.3 /N	St. 8	6-8	Ø8Ø	Ø8	1-2	Ø2Ø	2-4	4.9	1021.9	6.Ø	4.5
17	55 32.1 'N 168 38.0 'W	5t. 8	6.7	100	\$9	1-2	Ø2Ø	2-4	5-2	10522.1	5.9	4.5
18	168° 58.6 'W	st. 8	6-8	120	<i>φ</i> 8	1-2	ØIØ	2-4	5.3	1022.0	6.1	4.7
19	169 20.4 W	JT.	8-10	1200	82	1-2	Ø2Ø	2-4	5.1	1021.9	6.0	4.7
20	55 28.9 N	St 8	8-10	135	06	0-1	030	2-3	5.2	1022.0	5.5	4.3
21	55°,38.2' N 129' 18.3' W	ડન ક	8-10	110	05	0-1	030	2-3	5.3	1022.4	5.3	3.9
22	169 15.9 W	St 8	8-10	080	06	0 -1	030	2-3	4.5	1022.5	5,0	3.9
23	169 15 9 W	St 8	8-10	080	08	0-1	030	2-3	4.5	1022.9	4.9	3.8
24	169 15,95"	ST 8	8-10	080	10	0-1	03	2-5	4.≤	1023.6	5.0	3.8
REMA	RKS Ø3301-L	IGHT MI	57,V	ISIBIL	174 6	5 TO 8	NM.	615-	FOG P	ATCHE	<u> ১০১৮</u>	D BOW
0800	LT MIST / FOX	 5 ₁							-			
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DECK LOG - WEATHER OBSERVATION SHEET

AAON	SHIP					DAY		DATE		TIME ZO	ΝĒ	
	RONALI	D.H. BRO	WN			THA	DOAY	31 may	r, 200 i	+	8	
IME	POSITION (Lat. and Long.)	PRESENT WEATHER	LITY	WIN	۵	EA WAVE HEIGHT (Ft.)	SWELL	WAVES	WATER EMP.	EVEL URE	TEMPER 0	RATURE
			VISIBILITY (N.M.)	DIR. (True)	SPEED (Kta.)	SEA W HEIG (Ft	DIR. (True)	HEIGHT (Ft.)	SEA W.	SEA LEVEL PRESSURE (mb)	DRY BULB	WET BULB
01	68 - CI8. 73 /N	5+ 8	6-8	110	9	2-4	030	2-3	4.7	1025	5.0	4.
02	55048.73% 169° 29.33 6	S+ 1	6-8	240	6	z-4	030	2-3	4.7	1023,5	5.0	3.0
03	55°50.61N	ST 8	6-8	120	ヲ	0-1	030	2-3	4.7	1023.5	5.2	4.
04	55.545.N 169.426W	5T 8	6-6	125	10	0-1	030	2-3	4.5	1023.2	5.Z	3.7
05	55 ' 51.5 ' N '	Sr 8	6-8	130	07	0-1	050	2-3	4.4	1023.1	5.2	37
06	55° 54.1 /N	5t. 8	6-8	120	ø٩	Ø-1	Ø3Ø	2-3	4.9	1022.1	5.5	4.0
07	55.24.1.N	5t 8	(0-8	140	8	1-2			4.9	12201	5.2	3.9
08	55 54.1 N 169 56.0 W	St. 8	6-8	170	04	1-2		/	4.9	1022.2	5.6	<i>y</i> . s
09	55° 54.2 N	ST 8	6-8	130	08	1-2		-	4.9	1022.3	5.9	4.3
10	55.54.2 N 169. 56.0 W	5T 8	6-8	[00	09	1-2	1	_	4.)	10222	6.0	4.7
11	55° 542 N 169° 659 W	ST 8	6-8	120	12	1-2	_	_	5.0	10222	5.8	4.6
12	68 * 54 · 56 'N	5+ 8	6-8	ഗ് 5	12	1-2	-	-	4.8	1021.9	5.3	4.1
13	55°56.9'N	5 † 8	6-8	117	11	1-2	1	-	4.8	1021.5	6.1	4.8
14	550 56.97N,	5+	6-8	ሪዓጌ	12	1-2	1	-	4.8	104.3	7.0	5.0
15	176° 09.371'W	S+	6-8	090	اک	1-2	1	_	4.9	1021.0	6.5	5.0
16	55 57.6 H	St &	4-8	PP	14	t-3	Į		4.9	1021.1	6.0	4.7
17	55 59.6 N	St 8	8-10	790	14	1-3		_	5.0	1¢20.5	6.Z	5.0
10	55 . 59.6 N	St 8	8-10	ĺα	14	1 :3		_	5.1	IOAB	68	5.6
19	56 03.6 N	st 7	8-1Ø	100	16	2-4			4.8	1Ø19.4	5.7	4.3
20	56'07.0' N	St 8	රි-/ ර	110	13	2-4		_	4.5	1020.0	5.4	4.3
21	56'07.0'N 170'17.7'W	S+ 8	8-10	090	12	2-4	-		4.5	1019.1	5.9	4.8
22	36.94.7 4 7 4.70.95	Stac 8	8-10	100	15	2-4	(५०	2-4	प. ∓	1018.6	5.2	Ч. с
23	56.3.4 4 169.5.9.9 W	Sc 8	8-10	090	13	2-4	130	7-4	5.0	1018.9	5.0	3.7
24	56 · 01.72'N	st g	8-10	093	14	2-4	130	2-4	4.5	1018.3	5.0	3.9
EMAF	·											
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	AAOA	SHIP						DAY	.0	DATE		TIME ZO	NE	
10		RONAL	DН	. BRO	WN			FRID	47	01 14	NE, 2001	+.	8	
10	IME				LITY	WIN	ID .	AVE SHT	SWELL	WAVES	ATER	EVEL HIRE		
101 169 4 46 97 16 57					VISIBI (N.M			SEA W HEIG			¥ ⊢	SEA L PRES		
22 \$5° \$9.65° \$1. 102 \$6° \$6.12° \$1. 103 \$6° \$6.12° \$1. 104 \$1.51° \$1. 105 \$6° \$6.12° \$1. 106 \$1.51° \$1. 107 \$1.51° \$1. 108 \$1.51° \$1. 109 \$1.51° \$1. 100 \$1.51° \$1. 100 \$1.51° \$1. 100 \$1.51° \$1. 100 \$1.51° \$1. 100 \$1.51° \$1. 100 \$1.51° \$1. 100 \$1.51° \$1. 100 \$1.51° \$1.	01	65° 59.65'N	5†		6-8	089	15	z-4	130	P-5	4.6	10175	4.9	3.7_
13	2	55 · 59.65 'N	111		6-8	086	12	2-4	130	2-4	4.6	1017.4	5.1	4.1
14 16 24 2 10 24 2 10 24 2 10 24 2 10 2 2 2 2 3 2 10 2 2 3 2 2 3 2 2 3 2 2 3 2 2 3 2 2 3 2 3 2 2 3 3 2 3)3	55054.23'N		g			17	2-4	130	2-4	4.8	0.710]	5.0	4.0
15 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$)4	55. 26.5. N		8			17	3-4	136	34	4.8	10/10.1		3.8
10 15 15 15 15 15 15 15 15 15 15 15 15 15)5	55.54.4N		8				1	130	3-4			4.7	3.6
17 55 52 71 N	26	55.2224		8	,			3-4		3-4	4.7	h14.9	4.Ce	3.8
10)7	55' 524'N		8	- V						4.6			
19 135 41.71 St 8 G-8 070 14 3-5 120 2-3 5.0 1013.6 4.7 3.9 170 00.71 St 8 140.0 2-4 070 2- 3-5 130 2-3 5.0 1013.4 4.9 4.1 170 00.71 St 8 140.0 2-4 075 16 3-5 130 2-3 5.0 1013.4 4.9 4.1 11 170 00.6 St 97 87 87 87 87 87 87 87 87 87 87 87 87 87	98	55.49.04	1	8					120	3-4				
10 155° MoTN ST \$ 2-4 070 20 3-5 130 2-3 5.0 1013.4 4.9 4.1 110° 00.71W ST \$ 2-4 070 16 3-5 130 2-3 5.0 1013.4 4.9 4.1 11 170° 00.6 C	9	550 46.7 N		A .		<u> </u>	14		120/	2-3 /	5.0	1013.6	ч. ,	9.9
11 170 00 6 W St HOW 2-4 075 16 3-5 130 2-3 5.0 (013.0 4.1 3.9 170 00 6 W ST RAIN 2-4 065 20 4-6 - 5.0 1612.5 4.2 3.9 170 00 6 W ST RAIN 2-4 070 17 4-6 - 4.7 1011.4 4.9 3.9 14 550 35 W St RAIN 2-4 074 18 4-6 - 4.7 1011.4 4.9 3.9 15 169 50 35 W ST RAIN 2-4 074 18 4-6 - 4.6 (010.4 4.7 4.1) 16 55 41.2 N ST RAIN 2-4 070 18 4-6 - 4.6 (010.4 4.7 4.1) 16 55 41.2 N ST RAIN 2-4 070 18 4-6 - 4.6 (010.4 4.7 4.1) 17 189 189 189 189 189 189 189 189 189 189	10	SS · ALTN		•			20	 						4.1
12 55 46.6 1N 9T RAIN 2-4 065 20 4-6 - 5.0 1612.5 4.2 3.9 13 55 46.5 1N 9T RAIN 2-4 070 17 4-6 - 4.7 1011.4 4.9 3.9 14 169 50.38 1N 54 Rain 2-4 074 18 4-6 - 4.7 1011.4 4.9 3.9 15 169 48 0N 5T RAIN 2-4 070 18 4-6 - 4.6 (010.4 4.7 4.1) 16 55 41.2 N 5T RAIN 2-4 070 18 4-6 - 4.6 (010.4 4.7 4.1) 16 55 41.2 N 5T RAIN 2-4 070 18 4-6 - 5.1 1000.1 4.9 3.9 17 169 34, 1 N 54 RAIN 2-4 070 18 4-6 - 5.1 1009.5 4.6 4.1 18 55 41.2 N 54 RAIN 2-4 070 18 4-6 - 5.1 1009.5 4.6 4.1 18 55 41.2 N 54 RAIN 3-4 065 16 3-4 090 3-5 5.2 1008.8 4.9 4.1 19 55 39.8 N 54 8 4-6 075 16 3-4 090 3-5 5.2 1008.6 5.0 4.1 16 55 38.4 N 54 8 4-6 075 16 3-4 090 3-5 5.2 1008.6 5.0 4.1 18 55 38.4 N 54 8 4-6 075 16 3-4 090 3-5 5.2 1008.6 5.0 4.1 16 55 38.4 N 54 8 4-6 075 16 3-4 090 3-5 5.2 1008.6 5.0 4.1 16 55 38.4 N 54 8 4-6 075 16 3-4 090 3-5 5.2 1008.6 5.0 4.1 17 169 20.8 N 54 8 4-8 060 15 3-4 100 3-5 5.3 1008.1 5.3 4.5 18 55 38.4 N 54 8 4-8 070 14 3-4 100 3-5 5.4 1008.2 5.1 4.9 18 55 38.8 N 54 11.8 N 54 075 12 3-4 100 3-5 5.4 1008.2 5.1 4.9 18 55 38.8 N 54 11.8 N 54 075 12 3-4 100 3-5 5.4 1008.2 5.1 4.9 18 55 35 35 8 N 54 11.8 N 54 075 12 3-4 100 3-5 5.4 1008.2 5.1 4.9 18 55 35 35 8 N 54 11.8 N 54 075 12 3-4 100 3-5 5.4 1008.2 5.1 4.9 18 55 35 35 8 N 54 11.8 N 54 075 12 3-4 100 3-5 5.4 1008.2 5.1 4.9 18 55 35 35 8 N 54 11.8 N 54 075 12 3-4 100 3-5 5.4 1008.2 5.1 4.9 18 55 35 35 8 N 54 11.8 N 54 075 12 3-4 100 3-5 5.4 1008.2 5.1 4.9	11	22.46.64	1				16	3-5	130	2-3	5.0	1	4.(3,9
3 55 44.577N St Rain 2-4 070 17 4-6 - 4.7 1011.4 4.9 3.9 4 56 48.984N St Rain 2-4 074 18 4-6 - 4.7 1011.4 4.9 3.9 5 56 48.0N ST RAIN 2-4 070 18 4-6 - 4.6 (010.4 4.7 4.) 5 169 48.0W ST RAIN 2-4 070 18 4-6 - 4.6 (010.4 4.7 4.) 6 55 41.2 N ST RAIN 2-4 070 18 4-6 - 4.6 (010.4 4.7 4.) 7 169 34, 1 St RAIN 2-4 070 18 4-6 - 5.1 100.1 4.9 3.9 7 169 34, 1 St RAIN 3-4 065 16 3-4 090 3-5 5.2 1008.8 4.9 4.1 9 55 39.8 N St RAIN 3-4 065 16 3-4 090 3-5 5.2 1008.6 5.0 4.2 10 169 20.8 N St St 8 8-8 070 14 3-4 090 3-5 5.3 (008.1 5.3 4.5 2 169 20.8 N St LIRAIN 2-4 075 12 3-4 (04 3-5 5.4 1008.2 5.7 4.9 3 55 38.4 N St LIRAIN 2-4 075 12 3-4 (04 3-5 5.4 1008.2 5.7 4.9 4 169 07.60 W St LIRAIN 2-4 075 12 3-4 (04 3-5 5.4 1008.2 5.7 4.9 4 169 07.60 W St LIRAIN 2-4 075 12 3-4 (04 3-5 5.4 1008.2 5.7 4.9 4 169 07.60 W St LIRAIN 2-4 075 12 3-4 (04 3-5 5.4 1008.2 5.7 4.9 4 169 07.60 W St LIRAIN 2-4 075 12 3-4 (04 3-5 5.4 1008.2 5.7 4.9	2	55'46.6'N		1 8			 	-			50			
4 56° 43° 1984 5	3	55° 44.57%	1	- 8	- '									
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		2 8 4 4 5 . 38 A V	34	, , 1	-					-			1111	
6 55 41.2 N 57 RAIN 24 670 18 4-6 - 4.8 1010.1 4.4 3.9 7 169 34, 1 w St RAIN 2-4 070 18 4-6 - 5.1 1009.5 4.6 4.1 8 55 41.2 N 5t RAIN 2-4 070 18 4-6 - 5.1 1009.5 4.6 4.1 9 169 37.3 W 5t RAIN 3-4 665 16 3-4 690 3.5 5.2 16688 4.9 4.1 10 55 38.4 N 5t 8 4-6 075 16 3-4 090 3-8 5.2 1008.6 5.0 4.2 11 55 38.4 N 5t 8 6-8 060 15 3-4 100 3-5 5.3 1008.6 5.0 4.1 12 55 38.4 N 5t 8 8-8 070 14 3-4 100 3-5 5.3 1008.1 5.3 4.5 13 169 07.60 W 5t LI.RAIN 2-4 075 12 3-4 100 3-5 5.4 1008.2 5.1 4.9 14 55 35 35 716 5.2 1008.2 5.1 4.9		55° 43.0N		· •									· · · · · ·	
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169 34, w St. RAIN 2-7 070 18 7-6 18 159 41, w St. RAIN 2-7 070 17 4-6 - 5.1 1049./ 4.8 4.1 18 159 39.8 W St. RAIN 3-4 \$65 16 3-4 \$69 3.5 5.2 1488.8 4.9 4.1 10 159 38.8 W St. 8 4-6 075 16 3-4 090 3-8 5.2 1008.6 5.0 4.2 11 159 38.8 W St. 8 4-6 075 16 3-4 090 3-8 5.2 1008.6 5.0 4.2 11 159 39.8 W St. 8 4-6 075 16 3-4 090 3-8 5.2 1008.6 5.0 4.1 12 159 38.8 W St. 8 4-8 060 15 3-4 100 3-5 5.2 1008.6 5.0 4.1 12 159 38.8 W St. 8 8-8 070 14 3-4 100 3-5 5.3 1008.1 5.3 4.5 13 159 35.8 W St. LI. RAIN 2-4 075 12 3-4 (00 3-5 5.4 1008.2 5.1 4.9 14 169 07.60 W St. LI. RAIN 2-4 075 12 3-4 (00 3-5 5.4 1008.2 5.1 4.9 15 169 07.60 W St. LI. RAIN 2-4 075 12 3-4 5.3 1007.9 5.0 5.0			57	KAIN 8		T	1	 			 			I
18 169 34.1 W St. KAIN 2-4 075 16 3-4 090 3.5 5.2 1888 4.9 4.1 19 169 17.3 W St. T.RAIN 3-4 865 16 3-4 090 3-4 5.2 1888 4.9 4.1 20 55 38.4 W St. 8 4-6 075 16 3-4 090 3-4 5.2 1008.6 5.0 4.2 21 169 20.8 W St. 8 4-8 070 14 3-4 100 3-5 5.3 1008.1 5.3 4.5 22 55 38.4 W St. 8 4-8 070 14 3-4 100 3-5 5.4 1008.2 5.1 4.9 23 169 07.6 W St. LI. RAIN 2-4 075 12 3-4 100 3-5 5.4 1008.2 5.1 4.9 24 169 07.6 W St. LI. RAIN 2-4 075 12 3-4 100 3-5 5.4 1008.2 5.1 4.9 25 55 35 76 76 St. 8 2-4 068 14 3-4 - 5.3 1007.9 5.0 5.0	 	169 34 , W		•	2-9	- 	/8	 			5, /		1.00	T T
10 55'38.4' W St 84-8 070 14 3-4 100 3-5 5.4 108.2 5.1 4.9 155'38.4' W St 84-8 070 14 3-4 100 3-5 5.4 108.2 5.1 4.9 155'38.4' W St 84-8 070 14 3-4 100 3-5 5.4 108.2 5.1 4.9 155'35'35'35'36' St 84-8 070 14 3-4 100 3-5 5.4 108.2 5.1 4.9 155'35'35'36' St 84-8 070 14 3-4 5.3 1007.9 5.0 5.0	8	169. 24.1.M		KHIN			17		-		2.1			
1 155 38 4' 12 36 4-8 060 15 3-4 100 3-5 5.2 1008.6 5.0 4.1 169 20.8' 100 3 55 35 35 35 35 35 3	9	169" 27.3'W	25	LT. RAIN	3-4h		1	3-4	PAP	3.5	5.2			4.1
2 55'38.4' N St 8 8-8 070 14 3-4 100 3-5 5.3 (008.1 5.3 4.5 13 169'07.6' N St 17. RAIN 2-4 075 12 3-4 (00 3-5 5.4 1008.2 5.1 4.9 169'07.6' N St 2-4 068 14 3-4 - 5.3 1007.9 5.0 5.0	20	164.25: 8 W	SŁ			-		 	090			 	1	}
3 55° 35.8°N St. LI. RAIN 2-4 075 12 3-4 (00 3-5 5.4 1008.2 5.1 4.9 169°07.60° w 5t 8 2-4 068 14 3-4 - 5.3 1007.9 5.0 5.0	21	169 20.8 2	ડસ			060	15	· · · · · · · · · · · · · · · · · · ·	100		5. 2	1008.	-	1
4 55' 35° 76' 4 169° 07.60' W St 8 2-4 068 14 3-4 - 5.3 1007.9 5.0 5.0	2	169'20.8' W			8-8	070	14	3-4	100	3-2	5.3	1		4.5
169°07.60. W 3t 2-4 068 14 3-4 5.3 1001.15.0 5.0	23	169'07, L'W	SŁ			075	12	3-4	(00	3-5	5.4	1008, ≥	5.1	4.9
EMARKS	24	169° 07.64 'W	ئ	ધ જ	2-4	068	14	3-4	-	-	5.3	1007.9	5.0	5.0
	24 REMA	169°07.60 W	3	8	T	068	14	3-4	-	-	5. 3	1007.9	5.0	5.0
	345	- LT RW												
iys- LT RW			т.	R.W.										
530-1936-LT. R.W.														
530-193¢-LT. R.W.			•							<u> </u>				
														
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NOAA FORM 77-13D (3-76)

DECK LOG - WEATHER OBSERVATION SHEET

NOAA	SHIP				<u> </u>	DAY		DATE		TIME ZO	NÉ		
	RONAL	D H. BRO	WN	. <u></u>		SATHAL	»r	ور 20	~ £,2001	+ 2	3		
	1			1		ш	ł		œ	<u> </u>	TEMPER	ATURE	
TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIN	T	SEA WAVE HEIGHT (FL)		WAVES	WATER EMP.	EA LEVEL PRESSURE (mb)	0	WET	
	56.35.218, N		N N	DIR. (True)	(Kia.)	S. E.	DIR. (True)	HEIGHT	SEA	SE	DRY BUL9	BULB	
01	169 ° 08. 4644 55 ° 33.091N	St	2-5	063	12	2-4		_	5.3	1007.5	5.8	5.0	
02	168 - 54.3796	St Rain	2-5	070	12	2-41	_	-	5.3	1.7001		5.0	
03	16 6 64 456	St Rain	Z- 4	034	10	2-4			5.3	10067	5 ⋅ s	5.0	Į.
04	108.41.4, M	ST RAW	2-4	050	15	5-در			5.4	10060	5.1	45	
05	163'411 W		33	090	13	2-4	_	_	5.4	1964.9	4.8	4.4	
06	168 40.1 W	ST D2 8	4-6	220	12	2-4	_	_	2:4	10048	4.8	4.2	
07	55 27.6 H	575028	4-6	030	N	2-3	070	2-4	5.4	1904.5	5/951	4.6	CAL
08	55.26.3 W	St 5= 8	5-7	020	16	2-3	020	2-4	5.4	1004.3	5.5	4.8	
09	55.24.8 W	St 5 - 8	5-7	025	10	2-3	020	2-4	5.2	1.4041	5.3	4.8	
10	55° 24.8 N 168° 14.7 W	51	5-7	025	10.	2-3	055	2-4	5.3	1004.2	5.9	5.0	
11	35° 24.9 N	Sr 8	3-4	020	8	2-4	055	2-4	5.3	1004.9	6.5	5.4	
12	158 22. 7W	186	34	010	10	2-4	050	44	5.4	1004.8	1 . 0	58	2
13	55°33.25'N		1-2	024	15	2-4		2 -4	5.4	1004.9		5.9	
14	55 37. 96'N	J	1-2	030	11	2-4	050	2-4	5.3	1005.7		5.7	
15	55 - 38.026'N	Foe	1-2	020	1.1	1-2	050	1-2	5.3	1005.4	٦.١	6.5	
16	55° 39.8 'N	FOG	トス	φ 15	10	2-3			5.5	1005.5	7.3	6.0	
17	550 40.7(N	LT. FOG	2-3	ØØ5	11	2.3			5.4	1005.9	6.0	5.1	
18	55.43.2 N	StASE	4-6	010	09	2-3		-	3.5	1Ø04.Z	6.7	5.5	44
19	CE U 3.7. N	St. For 8		010		1-2	030	2-4	5.6	100ez	1.0	5.8	
20	55.44.3 x			015	05	1-2	340	2-4	5.6	1006.8			
21	55'45.7'N 169'15.4'W	St 8	4-6	345	98	1-2	340	2-4	5.8	1007.		6.0	
22	55.40.04.	St 8	G-8	000	10	1-2	340	2-4	5.7	.4001	6.9	6.0	1
23	55.30.9. N 169.25.5. W	St Fo4°	2-4	345	06	1-2	340	2-3	5.4	1008.0	1	5.0	1
24	55 * 30 . 96'N	3	1-2	003	0.5	1-2	020	2 -4	5.5	1008.0	6.1	5.8	1
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19.	30 Hvy			/>	2.505	- F 1/		· · · ·	SI BILA		415 TO		
1	30 HVY	FOG - VI	<u> </u>	1 4	-0(0		(100)	PG 1	SI DILY	1 Depart	M)(10,	ME DWI.	1
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SUPERSEDES NOAA FORM 77-13D (7-72). EXISTING STOCK

0 \$5.00AN FOR D-1 250 OC 0-1 000 3 5.4 1010.0 5.4 5.0 1 55.00AN FOR D-1 250 OC 0-1 000 3 5.4 1010.0 5.4 5.0 1 55.00AN FOR D-1 250 OC 0-1 000 1-2 5.3 1010.0 5.5 4.9 2 55.00AN D 500 1-2 5.3 1010.0 5.5 4.9 2 55.00AN D 500 1-2 5.3 1010.5 5.8 5.0 3 16.9 44.0 10 5 4-6 274 07 0-2 000 1-2 5.3 1010.5 5.8 5.0 3 16.9 44.8 4.0 5.0 5.7 290 07 1-2 350 1-2 5.5 1010.7 5.6 4.7 55.00AN D 50 1-2 5.5 1010.7 5.6 4.7 55.00AN D 50 1-2 5.6 1010.4 6.0 5.0 155.0 16.9 54.5 W 54 5-7 290 07 1-2 350 1-2 5.6 1010.4 6.0 5.0 155.0 16.9 54.5 W 54 5-7 301 04 1-2 000 1-2 5.6 1010.4 6.0 5.0 155.0 16.9 54.5 W 54 6-8 300 67 1-2 350 1-3 5.5 1010.2 5.0 4.0 155.2 25.9 N 50 16.9 54.2 W 55.2 25.9 N 50 16.9 54.2 W 50 16.9 55.2 W 50 16.9 55.	ME	OAA	SHIP				·	OBSER		DATE		TIME ZO	NE	
ME (Lai. and Long.) PRESENT Clai. and Long.) PRESENT Clai. and Long.) PRESENT WEATHER Clai. and Long.) PRESENT Clai. and Long.) PRESENT Clai. and Long.) PRESENT WEATHER Clai. and Long.) PRESENT Clai. and Long.) PRESENT Clai. and Long.) PRESENT WEATHER Clai. and Long.) PRESENT Clai. and Long.) PRESENT Clai. and Long.) PRESENT WEATHER Clai. and Long.) PRESENT Clai. and Long.) PRESENT Clai. and Long.) PRESENT Clai. and Long.) PRESENT WEATHER Clai. and Long.) PRESENT Clai. and Long. and Long. PRESENT Clai. and Long. PRE	ME (Lai. and Long.) ME (Lai.			o H Bbo	AX/AT				۲	03 Ju	NE 200/	· +:	8	
1 169 29 26 6 Fea	1 1 1 1 1 1 1 1 1 1		RUNAL	D.H. BRU	VVIN		·							
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10 11 16 9 29 25 6 6 Fog	17 16 9 24 . 26 6 Feg				VISIB (W.)			SEA V HEI (F			₹	SEA L PRES		
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3	3	2	169 4 30.411 W	Fos	0-1	300	04	1-2	030	- Z	5. <i>5</i>	1008.9	5.5	5.2
5 55 16 55 16 19 18 19 18 18 18 18 18 18 18 18 18 18 18 18 18	5 75 75 10 75 10 76 1-2 310 09 1-2 030 1-2 5.2 1009.1 5.2 4.7 5 75 10 75 10 75 10 10 10 10 10 10 10 10 10 10 10 10 10		169032.697	Fog	0-1	301	70	1-2	030	1-2	5.4	0.9001	5.0	4.6
7 15 36 0 1	6 150 05 5 5 N FOLT 1-2 330 060 0-1 030 1-2 5.2 100.1 5.2 4.5 6 150 05 5 N FOLT 1-2 330 060 0-1 030 1-2 5.4 100.0 5.3 4.5 7 55 055 N FOLT 1-2 330 060 0-1 000 1-2 5.4 100.0 5.3 4.9 8 150 10 N FOLT 1-2 370 07 0-1 000 2 5.4 100.0 5.3 5.0 8 150 10 N FOLT 1-2 300 07 0-1 000 2 5.4 100.0 5.3 5.0 9 150 00.0 N FOLT 1-2 500 0 6 0-1 000 3 5.4 1010.0 5.3 5.0 0 150 00.0 N FOLT 1-2 50 0 6 0-1 000 3 5.4 1010.0 5.3 5.0 1 150 00.0 N FOLT 1-2 50 0 6 0-1 000 1-2 5.3 1010.0 5.5 4.9 1 150 00.0 N FOLT 1-2 50 0 6 0-1 000 1-2 5.3 1010.0 5.5 4.9 1 150 00.0 N FOLT 1-2 50 0 6 0-1 000 1-2 5.3 1010.5 5.8 5.0 1 150 00.0 N FOLT 1-2 50 0 6 0-1 000 1-2 5.3 1010.5 5.8 5.0 1 150 00.0 N FOLT 1-2 50 0 6 0-1 000 1-2 5.3 1010.5 5.8 5.0 1 150 00.0 N FOLT 1-2 50 0 6 0-1 000 1-2 5.3 1010.5 6.0 5.0 1 150 00.0 N FOLT 1-2 50 0 6 0-1 000 1-2 5.3 1010.5 6.0 5.0 1 150 00.0 N FOLT 1-2 50 0 6 0-1 000 1-2 5.5 1010.7 5.6 4.7 1 150 00.0 N FOLT 1-2 50 0 6 1-2 5.5 1010.7 5.6 4.7 1 150 00.0 N FOLT 1-2 50 0 6 1-2 5.5 1010.7 5.6 4.7 1 150 00.0 N FOLT 1-2 50 0 6 1-2 5.5 1010.7 5.6 4.7 1 150 00.0 N FOLT 1-2 50 0 6 1-2 5.5 1010.7 5.6 4.7 1 150 00.0 N FOLT 1-2 50 0 6 1-2 5.5 1010.7 5.6 4.7 1 150 00.0 N FOLT 1-2 50 0 6 1-2 5.5 1010.7 5.6 4.7 1 150 00.0 N FOLT 1-2 50 0 7 1-2 50 0 1010.4 6.0 5.0 1 150 00.0 N FOLT 1-2 50 0 7 1-2 50 0 1010.4 6.0 5.0 1 150 00.0 N FOLT 1-2 50 0 7 1-2 50 0 1010.4 6.0 5.0 1 150 00.0 N FOLT 1-2 50 0 1-2 50 0 1010.4 6.0 5.0 1 150 00.0 N FOLT 1-2 50 0 1-2 50 0 1010.4 6.0 N FOLT 1-2 50 0 1-2 50 0 1010.4 6.0 N FOLT 1-2 50 0 1-2 50 0 1010.4 6.0 N FOLT 1-2 50 0 1-2 50 0 1010.4 6.0 N FOLT 1-2 50 0 1-2 50 0 1010.4 6.0 N FOLT 1-2 50 0 1-2 50 0 1010.4 6.0 N FOLT 1-2 50 0 1-2 50 0 1010.4 6.0 N FOLT 1-2 50 0 1-2 50 0 1010.4 6.0 N FOLT 1-2 50 0 1-2 50 0 1010.4 6.0 N FOLT 1-2 50 0 1-2 50 0 1010.4 6.0 N FOLT 1-2 50 0 1-2 50 0 1-2 50 0 1010.4 6.0 N FOLT 1-2 50 0 1010.4 N FOLT 1-2 50 0 1010.4 6.0 N FOLT 1-2 50 0 1010.4 6.0 N FOLT 1-	4	1 4 9 353 W	FOG	0-1	310		1-2	<u> </u>	1-2	5.3	1009.1	5.0	45
6 169 40.1 W FOLT 1-2 330 060 0-1 030 1.2 5.3 1009.2 48 45.7 155 085 N FOLT 6-1 305 05 (-1 005 1-2 5.4 1009.4 5.3 4.9 4.4 100.6 8.3 5.0 1.0 N FOLT 6-1 305 05 (-1 005 1-2 5.4 1009.8 4.9 4.4 1.9 100.6 5.3 5.0 1.9 1009.4 1.9 1009.8 4.9 4.4 1.9 100.6 5.3 5.0 1.9 1009.8 1.9 1009.	6 169 16.1 W FOLT 1-2 330 06 0-1 030 1.2 5.3 109.2 48 4.5 7 55 085 N FOLT 6-1 305 05 C-1 005 1-2 5.4 109.8 4.9 4.4 8 55 01.0 M FOLT 0-1 300 07 0-1 000 2 5.4 100.8 4.9 4.4 9 159 00.9 M FOLT 0-1 300 05 0-1 000 3 5.4 100.0 5.3 5.0 0 155 00.9 M FOLT 0-1 250 06 0-1 000 3 5.4 100.0 5.3 5.0 0 155 00.9 M FOLT 0-1 250 06 0-1 000 3 5.4 100.0 5.3 5.0 1 150 00.9 M FOLT 0-1 250 06 0-1 000 1-2 5.3 1010.0 5.5 4.9 2 55 00.9 M FOLT 0-1 745 08 0-1 000 1-2 5.3 1010.0 5.5 4.9 2 55 00.9 M FOLT 0-1 745 08 0-1 000 1-2 5.3 1010.0 5.5 4.9 2 55 00.9 M FOLT 0-1 745 08 0-1 000 1-2 5.3 1010.0 5.5 8 5.0 3 55 00.9 M FOLT 0-1 745 08 0-1 000 1-2 5.3 1010.0 5.5 8 5.0 3 55 00.9 M FOLT 0-1 745 08 0-1 000 1-2 5.3 1010.5 6.0 5.0 4 55 00.9 M FOLT 0-1 745 09 0-1 000 1-2 5.5 1010.7 5.6 4.7 5 160 17 M FOLT 0-1 75 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5	109360W	FOG-	1-2	310	09	1.2	030	1-2		1009.1	5.2	4.7
			169' 401'10	FOG	1-2	330	00	0-1	১৫১	1. 5	5.3	1009.2	, 0	
		7	164 401 M	F06-	6-1			0-1	005	1-2	J. /	10094		
		8	(69° 44.8 w	F04	0-1	300		0-1	000		5.4	1009.8	4.9	
11	11 St 00.4N FQ)9	169° 44.68W	Fo ₄	0-1	300	05	0-1	000	3	5.4	1010.0	5.3	
10 10 10 10 10 10 10 10	2 55 00 . 918 N 5 5 4 6 4 7 0 0 0 1 - 2 5.3 1010.5 5.8 5.0 112 0 4 44.8 1 5 4 6 4 7 0 6 0 1 0 0 1 - 2 5.3 1010.5 6.0 5.0 112 0 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10	169° 44.68 W	Foq	0-1	250	04	0-1	000	3	5.4	(010.0	5.4	5.0
16 16 9 44.8 1 5 5 5 00 0 1 7 1 27 4 0 7 0 - 2 0 0 0 1 - 2 5.3 10 10.5 5.8 5.0 13 16 9 1 4 1 8 1 8 1 8 5 - 7 2 9 0 0 7 1 - 2 3 6 0 1 - 2 5.5 10 10.7 5.6 4.7 5 5 0 0 0 1 1 2 5 0 0 0 1 - 2 5.5 10 10.7 5.6 4.7 5 0 0 0 1 1 2 5 0 0 0 1 - 2 5 0 0 0 0 1 1 2 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1	11	149 44 61 W	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW		245	08	0-1	000	1-2	5.3	1013.0	5.5	4.9
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	169' 44.848' 54 5-1 267 06 0-1 000 1-2 5.3 1010.5 (6.0 5.0 169' 44.848' 5t 5-7 290 07 1-2 360 1-2 5.5 1010.7 5.6 4.7 169' 44.386' 5t 5-7 301 04 1-2 000 1-2 5.6 1010.4 6.0 5.0 169' 54.8 '	1	169044.80			274	70	0-2	000	1-2	5.3	100.5	5.8	5.ò
169° 44° 93° ω 5€ 5-7 290 87 1-2 360 1-2 5.5 1010.7 5.6 4.7 55° 05.174" N 5± 5-7 301 04 1-2 000 1-2 5.6 1010.4 6.0 5.0 6 169° 54.5 'W 5± 8 6-8 3ΦΦ Φ7 1-2 35Φ 1-3 5.5 1Φ10.2 5.Φ 4.Φ 7 169° 54.5 'W 5± 6€ 2€ 07 1-2 35Φ 2-3 5.7 1Φ10.3 5.7 4.2 8 55° 28.9 'N 5± 8 6€ 270 08 1-2 35Φ 2-4 6.0 1Φ10.5 (6.3 4.8 9 169° 54.2 'W 5± 6€ 260 09 1-2 35Φ 2-4 6.0 1Φ10.5 46 9.3 169° 57.2 8 7 N 5± 66° 2-4 280 11 1-2 340 2-4 6.0 1Φ10.5 46 9.3 1 169° 57.2 8 7 5± 106° 8 2-4 280 11 1-2 340 2-4 5.4 1010.6 4.9 4.1 1 169° 52.6 W 5± 106° 8 0-1 296 09 1-2 340 2-4 5.2 1010.6 3.8 3.5 1 169° 52.6 W 5± 106° 8 0-1 296 09 1-2 340 2-4 5.2 1010.6 3.8 3.5 1 169° 52.7 W 5± 106° 8 0-1 290 10 1-2 340 2-4 5.2 1010.1 3.2 3.2 3 169° 52.7 W 5± 106° 8 0-1 290 10 1-2 340 2-4 5.2 1010.1 3.2 3.2 3 169° 52.7 W 5± 106° 8 0-1 290 10 1-2 340 2-4 5.2 1010.1 3.2 3.2 3 169° 52.7 W 5± 106° 8 0-1 290 10 1-2 340 2-4 5.2 1010.1 3.2 3.2 3 169° 52.7 W 5± 106° 8 0-1 290 10 1-2 340 2-4 5.2 1010.1 3.2 3.2 3 169° 52.7 W 5± 106° 8 0-1 290 10 1-2 340 2-4 5.2 1010.1 3.2 3.2 3 169° 52.7 W 5± 106° 8 0-1 290 10 1-2 340 2-4 5.2 1010.1 3.2 3.2 3 169° 52.7 W 5± 106° 8 0-1 290 10 1-2 340 2-4 5.2 1010.1 3.2 3.2 3 169° 52.7 W 5± 106° 8 0-1 290 10 1-2 340 2-4 5.2 1010.1 3.2 3.2 3 169° 52.7 W 5± 106° 8 0-1 290 10 1-2 340 2-4 5.2 1010.1 3.2 3.2 3 169° 52.7 W 5± 106° 8 0-1 290 10 1-2 340 2-4 5.2 1010.1 3.2 3.2 3 169° 52.7 W 5± 106° 8 0-1 290 10 1-2 340 2-4 5.2 1010.1 3.2 3.2 3 169° 52.7 W 5± 106° 8 0-1 290 10 1-2 340 2-4 5.2 1010.1 3.2 3.2 3 169° 52.7 W 5± 106° 8 0-1 290 10 1-2 340 2-4 5.2 1010.1 3.2 3.2 3 169° 52.7 W 5± 106° 8 0-1 290 10 10 10 10 10 10 10 10 10 10 10 10 10		3	169 44.849	S4 .	5-7	267	06	0-1	000	1-2	5.3	1010.5	6.0	5.0
5 169° 47.38° 6 54 5.7 301 04 1-2 000 1-2 5.6 1010.4 6.0 5.0 6 155° 16.9 'N 54 8 6-8 300 07 1.2 350 2-3 5.5 1010.2 5.0 4.0 7 169° 57.4 'W 5t 6 8 280 07 1-2 350 2-3 5.7 1010.3 5.7 4.2 8 55° 28.9 'N 5t 8 68 270 08 1-2 350 2-4 6.0 1010.5 10.3 4.8 9 169° 57.2 W 5t 6 68 270 08 1-2 350 2-4 6.0 1010.5 10.3 4.8 9 169° 57.2 W 5t 6 68 270 08 1-2 350 2-4 6.0 1010.5 4.6 9330 169° 57.2 W 5t 506° 2-4 280 11 1-2 340 2-4 6.0 1010.5 5-5 4.7 169° 57.3 1.2 W 5t 6 68 0-1 296 09 1-2 340 2-4 5.4 1010.0 4.9 4.1 169° 52.7 W 5t 506° 0-1 296 09 1-2 340 2-4 5.2 1010.1 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2	$\frac{5}{6}$ $\frac{169}{6} \cdot \frac{17.38}{4} \cdot \frac{1}{4} \cdot \frac{1}{186} \cdot \frac{1}{6} \cdot \frac{1}{16} \cdot \frac{1}{16$		1600 44. 25'W	5t 7	5-7	290	07	1-2	360	1-2	5.5	1010.7	5.6	4.7
$^{\circ}$	6-8 300 07 1-2 350 2-3 5.5 104.2 5.0 4.0 7 169°57-4 W 5t 6-8 200 07 1-2 350 2-3 5.7 16/0.3 5.7 4.2 8 55° 28.9 N 5 6 6 270 00 1-2 350 2-4 6.0 16/6.5 6.3 4.8 9 169°57-1 W 5t 6 (6-8 2(00 09 1-2 350 2-4 6.0 16/6.5 4.6 9.38 10 169°57-1 W 5t 5 (6-8 2-4 280 11 1-2 340 2-4 6.0 16/6.1 5-5 4.7 1 169°57-1 W 5t Foc 8 0-1 296 09 1-2 340 2-4 5.4 10/6.0 4.9 4.1 2 55° 36.7 N 5t Foc 8 0-1 296 09 1-2 340 2-4 5.2 10/6.4 3.8 3.5 3 169°52.7 N 5t Foc 8 0-1 290 10 1-2 340 2-4 5.2 10/6.1 3.2 3.2 4 130° 00.3100 5+, Fog 8 0-1 307 06 1-2 340 2-4 5.1 10/10.0 4.0 3.9		169° 47.38 W	5 t	5-7	301	04	1-2	000	1-2	5.6	1010-4	6.0	5.0
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	7 169° 57.4 'W 5c	6	55° 16.9 'N 169° 54.5 'W	St 8	6-8	300	Φ 7	1-2	35Ø	1-3	5.5	1010.2	5.Ø	4.Ø
8 55. 28.9 'N 5 8 68 270 08 1-2 350 2-4 6.0 10/65 6.3 4.8 9 16957.1 'W 5t 8 (0.6 2(00 09 1-7 350 2-4 6.0 10/65 4.6 4.3 30 16957.1 'W 5t 8 (0.6 2(00 09 1-7 350 2-4 6.0 10/6.5 4.6 4.3 30 16957.8 'N 5t, Foc. 8 2-4 280 11 1-2 340 2-4 6.0 10/6.1 5-5 4.7 1 16952.6 'N 5t, Foc. 8 0-1 296 09 1-2 340 2-4 5.4 10/6.0 4.9 4.1 2 16952.7 'N 5t, Foc. 8 0-1 270 08 1-2 340 2-4 5.2 10/6.6 3.8 3.5 16953.7 'N 5t, Foc. 8 0-1 290 10 1-2 340 2-4 5.2 10/6.1 3.2 3.2	8 55 28.9 1N 5 8 68 270 08 1-2 350 2-4 6.0 10165 6.3 4.8 9 16957.1 W 5t 8 68 2(00 09 1-7 350 2-4 6.0 10165 6.3 4.8 0 155 31.2 N 5t Foc 8 2-4 280 11 1-2 340 2-4 6.0 1016.1 5-5 4.7 1 16957.1 W 5t Foc 8 0-1 296 09 1-2 340 2-4 5.4 1016.0 4.9 4.1 2 155 36.7 W 5t Foc 8 0-1 270 08 1-2 340 2-4 5.2 1016.1 3.2 3.5 3 16952.7 W 5t Foc 8 0-1 290 10 1-2 340 2-4 5.2 1016.1 3.2 3.2 4 170 00.210 0 5t, Fog 8 0-1 307 06 1-2 340 2-4 5.1 1010.0 4.0 3.9		55° 28.9 'N	5t 8	6-E	283	ヘモ	1-2	3515	7.3	5.7	14/0.3	5.7	4.2
9 55 28.9 /N 5t 8 10 8 260 09 1-7 350 2-4 6.0 10/10.5 46 4330 16955.1 /W 5t 80 260 09 1-2 340 2-4 6.0 10/10.5 46 4330 16955.2 /N 5t, Foc 8 2-4 280 11 1-2 340 2-4 6.0 10/10.1 5-5 4.7 1 16952.6 W 5t Foc 8 0-1 290 09 1-2 340 2-4 5.4 10/10.0 4.9 4.1 2 16952.7 W 5t Foc 8 0-1 270 08 1-2 340 2-4 5.2 10/10.6 3.8 3.5 16952.7 W 5t Foc 8 0-1 290 10 1-2 340 2-4 5.2 10/10.1 3.2 3.2	9 55 28.9 1N St 8 (0-8 2(00 09 1-7 350 2-4 6.0 14/15 4/6 4/38 0 1/49:57.8 1/2 N St, FOG 8 2-4 280 11 1-2 340 2-4 6.0 1610.1 5-5 47 164:52.6 N St, FOG 8 0-1 296 09 1-2 340 2-4 5.4 1010.0 4.9 4.1 255.36.7 N St, FOG 8 0-1 270 08 1-2 340 2-4 5.2 1010.1 3.2 3.5 169:52.7 N St, FOG 8 0-1 290 10 1-2 340 2-4 5.2 1010.1 3.2 3.2 3.5 169:52.7 N St, FOG 8 0-1 290 10 1-2 340 2-4 5.2 1010.1 3.2 3.2 4 170 00.210 0 5+, FOG 8 0-1 307 06 1-2 340 2-4 5.1 1010.0 4.0 3.9	- 1	55' 28.9 (N			277)		1-2				Buck	10.3	
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2 55'36.7'N St. Fog 8 0-1 270 08 1-2 340 2-4 5.2 1010.4 3.8 3.5 3 55'36.7'N St. Fog 8 0-1 290 10 1-2 340 2-4 5.2 1010.1 3.2 3.2	2 55'.36.7' W St. FOG 8 0-1 270 08 1-2 340 2-4 5.2 1010.6 3.8 3.5 3 16952.7' W St. FOG 8 0-1 290 10 1-2 340 2-4 5.2 1010.1 3.2 3.2 4 170 00.210' St. FOG 8 0-1 307 06 1-2 340 2-4 5.1 1010.0 4.0 3.9	11	55'36.4'N	2	0-1	290	09			2-4				
3 55.36.7' W St. FOG 80-1 290 10 1-2 340 2-4 5.2 1010.1 3.2 3.2	3 55.36.7' N St, FOG 8 0-1 290 10 1-2 340 2-4 5.2 1010.1 3.2 3.2 4 55.41.167'N 5t, FOG 8 0-1 307 06 1-2 340 2-4 5.1 1010.0 4.0 3.9		55'34.7'V	, a	0-1	270	08	1-2	340	2-4	5.2		1	
1919-4	4 170 00-210'U St, Fog 8 0-1 307 06 1-2 340 2-4 5.1 1010.04.0 3.9	3	55 34.7 4	- 0	0-1	290	10	/-2		2-4	5.2		 	
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TIME	POSITION	PRESENT	ÄΣ	WIN	D	A L	SWELL	WAVES	WATER EMP.	VEL	TEMPER	RATURE
IIME	(Lat. and Long.)	WEATHER	VISIBILITY (N.M.)	DIR. (True)	SPEED (Kta.)	SEA WAVE HEIGHT (Fi.)	DIR.	HEIGHT	SEA WA'	SEA LEVEL PRESSURE (mb)	DRY BULB	WET BULB
01	55. 48.48.4	Fos	0-1	335 *	07	ا- ح	350	2-4	5.1	1010.0	4.0	3.9
02	58°49.5'N	F06	0-1	260	05	0-1	350	2-4	4.9	1010.6	4.8	4.2
03	580 #1 . G78'N	5†	6-8	ਨਤ। *	08	0-1	350	2-4	4.7	1010-1	5.0	4.6
04	55.42.2 N	5t A5 7	6-8	285	10	1-7_	350	2-4	5.4	1010.2	5.6	5.2
05	55 53.7 A	Cv. Ae	6-8	290	11	1-2	ØØØ	2-4	4.9	1010.3	5.8	5.0
06	55 59.6/N	Ac 3	7.9	3¢¢	9	1-2	ØIØ	2-4	5.1	1Ø10.0	5.9	5.0
07	55° 05.0/N	ه ورد ع	7-9	3¢5	8	1-2	Ø2Ø	2-4	4.8	1009.8	5.9	5.Ø
08	56.00.5 H 169.38:2 W	Ac.C. +	8-10	320	8	1-2	020	2-4	4.8	10000	5.7	4.8
09	56" 06.5 N	امرد: 5	18-12	300	7	1-2-	010	2-4	4.8	1010.0	5.5	4.8
10	56 05.6 N 169 29.1 W	Ac.Ci 5	10-12	320	8	1-2	010	2-4	5.3	1010.3	6.8	5.9
11	56 03.7N	From 8	0-1	320	9	1-2	1010	2-4	5.4	1010.5	59	4.9
12	56° 03.39'N	Ac.Ci	6-12	310	8	1-2	018	Z-4	5.2	1010.9	6. 2	4.9
13	56°03.74'N 169°19.728'	AC C 8	6- P	168	06	1-2	0.18	2-4	5.4	1013-1	6.2	S.0
	56 ° 01. 03 N 169 ° 06.302' W	Ac 8	6-12	276	08	1-2	018	2-4	5.6	1011.6	7.9	6.0
15	56 - 01.084'N	AC.	6-12	ണ	09	1-2	018	2-4	5.3	1011.9	7.1	6.2
16	164016.2.M	st As 8	Z-1()	285	U	1-2	010	7-4	5-8	1011.9	7.1	5.1
17	5655 582 N	St 8	8-10	280	12	1-2_	010	2-4	5.4	1011.9	6.0	5.1
18	55. 58.3 N	St. As 8.	E-1 0	290	12	1-2	010	2-3	5.6	1Ø11.9	(0.0)	4.8
19	55 58.3 N	54. As 8	I /- T	270	11	2-3	ØIØ	2-3	5.5	1Ø11.9	5.8	4.7
20	55'58. 3'N 168'52.4'W	st a	8-10	260	14	2 ~ 3	010	2-3	5.5	1011.9	5.5	4.5
21	168'57.7' W	st 8	8-10	270	10	2-3	ه ۱ ت	2-3	5.9	1012.5		3.4
22	162.26.9 W		8-/0	280	10	2-3	010	2.3	5.8	1012.6		3.5
23	55'.48.0'N 168 44.5'W	St 8	8- <i>/•</i>	260	12	2-3	<i>D10</i>	2-3	5.8	10121	5.0	4.
24	55 - 46. 114 °N 168*35 . 673'D	2 f 8	8-10	268	13	2-3	010	2-3	5.7	1013.1	5.0	4.2
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TIME POSITION PRESENT	RONALD H. RROWN TU440AY OS J4M4, 2444 ME POSITION (Lat. and Long.) PRESENT Lat. and Long.) DIR. SPEED DIR.			שש	K LUC) — ME/	AINER	ORZEK	TATIO	DATE	· I	TIME ZO	NF	
TIME POSITION PRESENT	ME (Lot: and Long.) PRESENT Lot. and Long. PRESENT Lot. and Long.) PRESENT Lot. and Long. PRESENT Lot. and Long.) PRESENT Lot. and Long. PRESENT Lot. and Lon. and Long. PRESENT Lot. and Lon. and Long. PRESENT Lot. and Lon. and Long. PRESENT Lot. and Lot	NOAA	SHIP					DAT	'	DATE	į	TIME 20		
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	168 1.3 1.5		E # 6 4 3 . 55 N	8	\$! >			SE			SE	S.C.		BULB
02 (58-31-71) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	2 (58-31.79) \(\) \(\) \(\)	01	16 8° 69 .954'w	ST	8-10	259								
03 16 8 23 1 3 3 3 3 3 3 3 3	3	02	168-32.773'0	ST	8-10	780	13	1-2	010	2-4	5.8		6. 2	
1687-26.1 W St. As 8 6-8 270 II 1-3 - 5.5 1613.4 4.5 3 1688-37.3 M St. As 8 6-8 270 II 1-3 - 5.6 1613.7 4.8 3 106 1688-37.4 M St. As 8 6-8 270 II 2-3 - 5.6 1613.7 4.8 3 107 56 00.0 M St. As 8 6-8 270 II 2-3 250 2-4 5.2 1013.6 4.7 2 108 1688-37.4 M ST 8 6-8 270 II 2-3 250 2-4 5.2 1013.6 4.8 3 109 1688-21.4 M ST 8 7-9 280 II 2-3 250 2-4 5.3 1013.7 4.9 4 110 1688-21.4 M ST 8 6-8 270 II 2-3 250 2-4 5.3 1013.7 4.9 4 111 56 08.1 M ST 8 6-8 270 II 2-3 270 2-4 5.1 1013.8 3.8 48 121 1688-31.1 6 M St. 8 6-8 270 II 2-3 270 2-4 5.1 1013.5 5.2 4 131 1688-31.1 6 M St. 8 6-8 270 II 2-3 270 2-4 5.1 1013.7 5.2 4 142 1688-31.1 M St. 8 6-8 270 II 2-3 270 2-4 5.0 1014.0 5.2 4 151 1689-31.1 M St. 8 6-8 270 II 2-4 270 2-4 5.0 1014.0 5.2 4 152 1680-31.1 M St. 8 6-8 270 II 2-4 270 2-4 5.0 1014.0 5.2 4 153 1680-31.1 M St. 8 6-8 270 II 2-4 270 2-4 5.0 1014.0 5.2 4 168 1680-31.1 M St. 8 6-8 290 II 2-4 270 2-4 5.0 1014.0 5.2 4 168 1680-31.1 M St. 8 6-8 290 II 2-4 270 2-4 5.0 1014.0 5.2 4 168 1680-31.1 M St. 8 6-8 300 II 2-4 270 2-4 5.0 1014.0 5.2 4 178 1690-178 M St. 8 6-8 300 II 2-4 270 2-4 5.0 1013.7 5.0 4 188 1680-31.1 M St. 8 6-8 300 II 2-4 - 5.0 1613.7 5.0 4 188 1680-31.1 M St. 8 6-8 300 II 2-4 - 5.0 1613.7 5.0 4 188 1680-31.1 M St. 8 6-8 300 II 2-4 - 5.0 1613.7 5.0 4 189 1680-31.1 M St. 8 6-8 300 II 2-4 - 5.0 1613.7 5.0 4 189 1680-31.1 M St. 8 6-8 300 II 2-4 - 5.0 1613.7 5.0 4 189 1680-31.1 M St. 8 6-8 300 II 2-4 - 5.0 1613.7 5.0 4 189 1690-31.1 M St. 8 6-8 300 II 2-4 - 5.0 1613.7 5.0 4 189 1690-31.1 M St. 8 6-8 315 IG 2-4 250 2-4 4.8 1013.7 5.0 6 189 1690-31.1 M St. 8 6-8 315 IG 2-4 250 2-4 4.8 1013.7 5.0 6 189 1690-31.1 M St. 8 6-8 315 IG 2-4 250 2-4 4.8 1013.7 5.0 6 189 1690-31.1 M St. 8 6-8 315 IG 2-4 250 2-4 5.0 1013.7 5.0 6 189 1690-31.1 M St. 8 6-8 315 IG 2-4 250 2-4 5.0 1013.7 5.0 6 189 1690-31.1 M St. 8 6-8 315 IG 2-4 250 2-4 5.0 1013.7 5.0 6 189 1690-31.1 M St. 8 6-8 315 IG 2-4 250 2-4 5.0 1013.7 5.0 6 199 1690-31.1 M St. 8 6-8 315 IG 2-4 250 2-4 5.0 1013.7 5.0 6 101 1690-31.1 M St. 8 6-8 3	5 \$5 \$5 \$7 \$1 \$1 \$1 \$1 \$1 \$1 \$1	03	16 4 623.9' W	37					010	2-4	1			
06	6 $168^{\circ} 39.4^{\circ} 1.0$ $14.8^{\circ} 3.9$ $14.2^{\circ} 3.9$ $14.2^{\circ} 3.9$ $14.2^{\circ} 3.9$ $16.200.0^{\circ} 1.0$ 16	04	1162°26.1 W	57,AS		280					ļ	<u> </u>	<u> </u>	
07 56 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 $\frac{1}{16}$	05	1680 32.8 W	27,A3	6-8	270	u	1-3				1013.4	4.5	
11		06	168° 39.4 'W	24 AS	6-8	27¢	14	2-3			5.6	1013.7	4.8	3.9
09	9 (18° 00.8N) 5T 8 6-8 710 14 2-3 250 2-4 5.1 1013.8 4.8 4.0 0 56° 00.60	07	11 12 c 23.9 W	⊃ €	6-8	Zas	16	2-3	300	24	5.5	10136	4.7	3.8
09	9 (18° 00.8N) 5T 8 6-8 710 14 2-3 250 2-4 5.1 1013.8 4.8 4.0 0 56° 00.60	08	56° 00.3"N	ST	6-8		14	2-3	250	2-4	5.2	1013.6	4.8	3.9
11 St	1 56 21.9 ST 7-9 280 14 2-3 250 2-4 5.3 1013.7 4.9 4.0 1 56 21.0 St 24.0 St 25.0 St 24.0 St 25.0 St 24.0 St 25.0 St 25	09	56° 00.8N	3T 8	6-8	270	14	2-3	256	2-4	5.1	10 (3.8	4.8	4.0
12 56 03 048 m	168 244 168 166 168 168 168 168 168 168 168 168 168 168 168 168 166 168 168 168 166 168 168 168 166 168 168 168 166 168 168 168 166 168 168 166 168 168 168 168 168 166 168 168 168 168 168 168 168 168 168 166 168	10	ا متنا		7-9	280	14	2-3	250	2-4	5.3	1013.7	4.9	4.0
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	168°34.86° 54 668 270 11 2-3 270 2-4 5.1 1013.55.2 4.8 56° 03.266° M 5t 8 6-8 280 12 2-3 270 2-4 5.0 1013.9 5.2 4.8 56° 05.77° M 5t 8 6-8 290 11 2-4 270 2-4 5.0 1014.0 5.2 4.8 56° 05.07° M 5t 8 6-8 290 11 2-4 270 2-4 5.0 1014.0 5.2 4.8 56° 05.07° M 5t 8 6-8 290 11 2-4 270 2-4 5.0 1014.0 5.2 4.7 6 168° 49.3° M 5+ 8 6-8 290 10 2-3 5.0 1014.0 5.2 4.7 6 168° 49.3° M 5+ 8 6-8 300 12 2-4 - 5.1 1013.7 5.2 4.1 7 169° 01.5° M 5t 8 6-8 300 12 2-4 - 5.2 1013.7 5.0 4.0 8 56° 08.00 M 5t 8 6-8 300 12 2-4 - 5.2 1013.7 5.0 4.0 8 56° 08.00 M 5t 8 6-8 300 12 2-4 - 5.0 1013.6 5.7 4.1 9 56° 16.5° M 5t 8 6-8 300 12 2-4 - 5.0 1013.6 5.7 4.0 1013.6 5.1 M 5t 8 6-8 300 12 2-4 - 5.0 1013.6 5.5 4.0 1013.6 5.5 4.0 1013.6 5.1 M 5t 8 6-8 300 12 2-4 - 5.0 1013.6 5.5 4.0 1013.6 5.5 4.0 1013.6 5.0 4.0 1013.6 5.1 M 5t 8 6-8 300 12 2-4 - 5.0 1013.6 5.5 4.0 1013.6 5.5 4.0 1013.6 5.0 5.0 4.0 1013.6 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	11	168 34.96W	2.1	6-8	290	15	2-3	270	2-4	5.1	1013.7	5.0	4.2
13 $\frac{56^{\circ} \circ 3.266^{\circ} N}{16.8^{\circ} \circ 3.568^{\circ} N}$ St $\frac{8}{6-8}$ 280 12 2-3 270 2-4 5.0 1013.9 5.2 $\frac{1}{14}$ $\frac{1}{16.8^{\circ} \circ 95.79^{\circ} N}$ St $\frac{8}{6-9}$ 270 11 2-3 270 2-3 5.0 1014.0 5.2 $\frac{1}{15}$ $\frac{56^{\circ} \circ 06.01^{\circ} N}{16.8^{\circ} \circ 49.4^{\circ} 1^{\circ} N}$ St $\frac{8}{6-8}$ 290 11 2-4 270 2-4 5.0 1014.1 5.2 $\frac{1}{16}$ $\frac{1}{16.8^{\circ} \circ 49.71^{\circ} N}$ St $\frac{8}{6-8}$ 290 $\frac{1}{1}$ 2-4 270 2-4 5.0 $\frac{1}{16.13.7}$ 5.2 $\frac{1}{16}$ $\frac{1}{16.8^{\circ} \circ 49.71^{\circ} N}$ St $\frac{8}{6-8}$ 290 $\frac{1}{1}$ 2-4 270 2-4 5.0 $\frac{1}{16.13.7}$ 5.2 $\frac{1}{16}$ $\frac{1}{16.8^{\circ} \circ 49.71^{\circ} N}$ St $\frac{8}{6-8}$ 300 $\frac{1}{12}$ 2-4 $\frac{1}{1}$ 5.1 $\frac{1}{16.13.71^{\circ} N}$ 5.0 $\frac{1}{16.13.71^{\circ} N}$ 5.1 $\frac{1}{16.13.71^{\circ} N}$ 5.1 $\frac{1}{16.13.71^{\circ} N}$ 5.2 $\frac{1}{16.13.71^{\circ} N}$ 5.2 $\frac{1}{16.13.71^{\circ} N}$ 5.3 $\frac{1}{16.13.71^{\circ} N}$ 5.4 $\frac{8}{16.13.71^{\circ} N}$ 5.5 $\frac{1}{16.13.71^{\circ} N}$ 5.7 $\frac{1}{16.13.71^{\circ} N}$ 5.8 $\frac{1}{16.13.71^{\circ} N}$ 5.9 $\frac{1}{16.13.71^{\circ} N}$ 5.9 $\frac{1}{16.13.71^{\circ} N}$ 5.0 $\frac{1}{16.13.71^{\circ} N}$ 5.1 $\frac{1}{16.13.71^{\circ$	3	12			6-8	270	11	2-3	270	2-4	5.1	1013.5	5. 2	4.8
14 $[68 \ 49.406\%]$ St $[6-9]$ 270 $[1]$ 2-3 $[270]$ 2-3 $[5.0]$ $[64.0]$ 3.2 $[4]$ 15 $[69.49.71\%]$ St $[6-9]$ 290 $[1]$ 2-4 $[270]$ 2-4 $[5.0]$ $[614.1]$ 3.2 $[4]$ 16 $[69.49.3\%]$ $[6-9]$ 290 $[6]$ $[6-9]$ 290 $[6]$ $[6-9]$ 290 $[6]$ $[6-9]$ 290 $[6]$ $[6-9]$ 290 $[6]$ $[6-9]$ 290 $[6]$ $[6-9]$ 290 $[6]$ $[6-9]$ 290 $[6]$ $[6-9]$ 290 $[6]$ $[6-9]$ 290 $[6]$ $[6-9]$ 290 $[6]$ $[6-9]$ 290 $[6$	4 $168^{4}9.406^{4}0$ 36 $6-8$ 290 11 $2-3$ 270 $2-3$ 3.0 1014.0 3.2 4.7 $1.80649.91^{1}N$ 56 8 $6-8$ 290 11 $2-4$ 270 $2-4$ 5.0 1014.1 3.2 4.7 6 $1.80649.91^{1}N$ $5+$ 8 $6-8$ 290 10 10 10 10 10 10 10 1	13	56' 03.266'N	St	6-8	380	12	2-3	270	2-4	5.0	1013.9	5.2	4.8
15 56 06.01 N St 8 6-8 290 11 2-4 270 2-4 5.0 1014.1 5.2 4 16 16 05.8 N St 8 6-8 290 10 2-74 — 5.1 1013.7 5.2 4 17 16 05.8 N St 8 6-8 300 12 2-4 — 5.2 1013.7 5.0 4 18 16 01.5 N St 8 6-8 300 11 2-4 — 5.2 1013.7 5.0 4 18 16 01.5 N St 8 6-8 300 11 2-4 — 5.0 1013.6 5.7 4 19 16 01.5 N St 8 6-8 300 11 2-4 — 5.0 1013.6 5.7 4 20 16 11.1 N St 8 6-8 300 12 2-4 — 5.0 1013.6 5.5 4 21 16 13 9 N St 8 6-8 315 16 2-4 250 2-4 4.8 1013.6 4.9 4 22 16 16 4 N St 8 6-8 300 12 2-4 250 2-4 4.8 1013.6 4.9 4 23 156 16 4 N St 8 6-8 330 14 2-3 250 2-4 5.0 1013.7 5.0 1 24 16 8 56 16 N ST 8 4-6 330 15 2-3 250 3-5 5.0 1014.4 5.3 3	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	14	56° 05. 79 W	st 8	6-8	270	it	2.3	270	2-3	5.0	1014.0	5.2	48
16 $ 56^{\circ}05.8^{\circ}10^{$	6 $\begin{bmatrix} 56 & 05 & 8 \\ 168 & 48 & 3 \\ 168 & 48 & 3 \\ 169 & 169 & 3 \\ 169 & 169 & 1 \end{bmatrix}$ $\begin{bmatrix} 5+ & & & & & & & & & & & & & & & & & & $	15	56. 06.01 N	St 8	6-8	290	11	2-4	270	2-4	5.0	1014.1	5. z	4.7
17 $\frac{51}{169} \cdot \frac{8}{10} \cdot \frac{1}{10} \cdot \frac{1}$	7 $\frac{51}{129} \cdot \frac{8}{01.5} \cdot \frac$	16		5+ 8	6-8	29Ø	IØ	2-34			5.1	1013.7	5.2	4.(
18 $\frac{56^{\circ} \circ 8.00}{104^{\circ} \circ 1.7}$ $\frac{10}{10}$ $\frac{5}{10}$ $\frac{8}{104^{\circ}}$ $\frac{1}{10}$ $\frac{5}{10}$ $\frac{10}{10}$ $$	8 16 08.6 7 W 5t 8 6-8 300 11 Zul - 5.0 1813.6 5.7 4.1 9 169 11.1 W 5t 8 6-8 300 12 2-4 - 5.0 1813.7 5.0 4.0 10 169 15.1 W 5t 8 6-8 300 12 2-4 - 5.0 1013.6 5.5 4.5 11 169 28.6 W 5t 8 6-8 315 16 2-4 250 2-4 4.8 1013.6 4.9 4.0 12 169 18.8 W 5t 8 6-8 330 12 2-4 250 2-4 4.6 1013.6 5.0 4.0 13 156 18.8 W 5t 8 6-8 330 14 2-3 250 2-4 5.0 1013.7 5.0 3.0 14 168 56 16.0 M 5T 8 4-6 330 15 2-3 250 3-5 5.0 1014.4 5.3 3.9	17	51 08.5 N		6-8	300	12	2 -4		_	5.2	(Ø13.7	5.0	4. 0
19 $\frac{56^{\circ}}{169^{\circ}} \frac{10.5}{11.1} \frac{1}{100} \frac{1}{100$	9 $\frac{56^{\circ}}{169^{\circ}} \frac{10.5}{11.1} \frac{1}{100}	18	56' 08.6 N	フモ	(e-8	300	11	حسر		-	5.1	1813.6	5.z_	4.1
20 S6 11.3 S4 8 6-8 300 12 2-4 -	1 56 18.8 N St 8 6-8 330 17 2-4 - 5.0 1013.6 5.5 4.5 169 18.8 N St 8 6-8 330 17 2-4 250 2-4 4.8 1013.6 4.9 4.0 2 169 18.8 N St 8 6-8 330 17 2-3 250 2-4 4.6 1013.7 5.0 3.6 169 18.8 N St 8 6-8 330 17 2-3 250 2-4 5.0 1013.7 5.0 3.6 169 18.8 N St 8 6-8 330 17 2-3 250 2-4 5.0 1013.7 5.0 3.6 169 18.8 N St 8 6-8 330 17 2-3 250 2-4 5.0 1013.7 5.0 3.6 169 169 169 169 169 169 169 169 169 16	19	5/2 (0 5 /N	S+ 8		3¢¢	ll	2-4			5.Ø	I .	1	4.0
21 SL 13.9 N St 8 6-8 315 16 2-4 250 2-4 4.8 1013.6 4.9 4 22 SC 16.4 N St 8 6-8 300 12 2-4 250 2-4 4.6 1013.6 5.0 6 23 SC 18.8 N St 8 6-8 330 14 2-3 250 2-4 5.0 1013.7 5.0 24 SC 16.6 N ST 8 4-6 330 15 7-3 250 3-5 5.0 1014.4 5.3 3	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	20	86' 11.3'N	દ્ધ ⁸			12	2-4	-		5.0	1013.6	5.5	4.5
22 56.16.4'N	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	21	56' 13 .9' N 169' 28. 6' W) St	8-2	315	16	2-4	250	2-4	4.8	1013.6	4.9	4.0
24 56 16.6 5T 8 4-6 330 15 2-3 250 3-5 5.0 1014.4 5.3 3	4 56°16.0' ST 8 4-6 330 15 2-3 250 3-5 5.0 1014.4 5.3 3.9	22	56.16.4'N	75.	6-8	300	12	2-4	250	2-4	4.6			4.0
24 56.6 56.6 5T 8 4-6 330 15 2-3 250 3-5 5.0 1014.4 5.3 3	4 56.16.0 ST 8 4-6 330 15 2-3 250 3-5 5.0 1014.4 5.3 3.9	23	56'18.8'N	> t	6-8	330	14	2-3	250	2-4	5.0	1013.7	5. 0	3.4
		24	56°16.0'N	ST 8	4-6	330	15	2-3	250	3-5	5.0	1014.4	5.3	3.9
		23 24	56'18.8' N 169'10.2' W 56°16.0' N 168°56.6' W	St 8	٤-8	330	14	2-3	250	2-4	5.0	1013.7	5. 0	3

06	ÓΑΑ	SHIP						DAY		DATE		TIME ZO	NE	
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		RONALI	DH. BR	OW	/N		· · · · · · ·	WEDN	ESDAY	06-14	ا دمل کار	† 5	3	
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	IME		PRESENT	<u>}</u>		WEN	0	AVE SHT	SWELL	WAVES	ATER P.	EVEL URE		
101 101					(8.5)			SEA W HEIG			¥⊢ i	SEA L PRESS (mb		
22 128 44 1. 54 2. 1. 348 15 1-2 -	01	168' 48, 272'4		8-	-12	340	13	1-2	-	3-4	4.7	1014.5	5.0	4.8
13)2	168 40.161	St	8-	-12	348	15	1-2			4.8	10145	5.2	4.8
15)3	11.00 29.767	, .J.t.	8.	-10	352	12	1-2	_	-	4.8	10145	5.1	4.8
13	04	168" 43.3 W	CLEAR	9/8-	-1Ø	340	15	3-4			5.Ø	16154	4.ø	5.Ø
10	05	56° 54.4'N	CLEAR	\$8-	10	33Ø	16	3-4			5.7	Ø15.5	4.5	5.5
11	06	169° 19.0 'W		9	-1¢	33Ø	15	3-5			5.7	466	6.¢	5.ø
16 15 35 30 162E 8-10 330 12 2-3 260 2-3 5.6 1016.6 6.5 C.4 17 10 15 35 7N 162 CL 0 8-10 336 14 2-3 - 5.7 1017.1 6.8 5.8 18 17 37.17	07	169° 365 W		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	10	330	17	7-3	760	2-4	5.6	10/6.3	6.7	5.4
09	08	167° 39.0W		s 8-	-10	330	12	2-3	260	2-3	5.6	1016.6	6.5	5.4
169 39.17W CL	09	55° 35.7N 169° 39.0W			-10	340	Ц	2-3			5.7	1017.1	6.2	5.2
12 88 36.5 N	10	169 39.17W			-10	335	14	2-3	,	-	5.7	1017.1	6.8	5.8
	11	114 52.36	CL	0 8	<u>-</u> -{v	335	12	2-3			5.6	10.71	7.2	6.0
16 15 55 17.8 N St	12	169052.218'W	در	- 1	-10	2 9 8	16	2-3		<u> </u>	5.6	1017.4	7.5	6.2
14 55 37.2W St	13		CL	- 1 -	- 10	300	10	2-3	1	_	5.6	1017.4	7.0	6.0
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	14	55 - 17.8N	St	1 8-			12	2-4	310	2-4			1	6.1
16 157.59.1.N St 6 7.10 340 14 2-3 310 2-4 5.7 1016.8 8 6.8 17 170.07.7. 55 8 8.10 340 14 2-3 310 2-4 5.9 1016.9 7.8 6.0 18 55.41.8.N 5t 8 8-10 347 14 2-3 310 2-4 5.9 1016.9 8.2 5.5 19 170.18.7.W 5t 8 8-10 347 14 2-4 — 5.9 1016.9 6.2 5.0 20 55.41.7.W 5t 8 8-10 350 10 2-4 — 5.9 1016.8 6.2 4.9 21 170.18.7.W 5t 8 8-10 350 12 2-4 — 5.8 1016.9 6.9 5.1 22 170.31.9.W 5t 8 8-10 350 12 2-4 — 5.8 1016.9 6.9 5.1 23 170.30.50.50 5t 8 8-10 360 10 2-4 — 5.5 1016.7 6.9 5.1 24 56.37.191.W 56 8 8-10 358 07 2-4 — 5.2 1016.5 6.8 5.0	15	55° 39.1'N	CL			310	13	2-3	310	2-3	5.9		10.2	9.0
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	16	55. 29 · 1.W			10	3467	14	3-34	310	24	5.7	10168	7.8	6.8
18 130' 180.3' W St 8 8-10 347 14 2-3 360 2-4 5.9 1016.9 8.2 5.5 1016.9 8.2 5.5 1016.9 8.2 8.10 347 14 2-4 5.9 1016.9 6.2 4.9 6.2 6.5 41.7 W St 8 8-10 350 10 2-4 5.7 1016.9 6.9 6.2 6.2 6.2 6.3	17	55 34. 5 'N	St 8	2			14	2-3		2-4		1	·	
19 170 18.7 W St 8 8-10 347 14 2-4 — 5.9 1016.9 6.2 4.9 20 170 18.7 W St 8 8-16 352 13 2-4 — 5.9 1016.8 6.2 4.9 21 170 18.7 W St 8 8-10 350 10 2-4 — 5.7 1016.9 5.6 4.7 22 170 31.9 W St 8 8-10 350 12 2-4 — 5.8 1016.9 6.9 5.1 23 170 31.9 W St 8 8-10 360 10 2-4 — 5.5 1016.7 6.9 24 56° 37.191 N St 8 8-10 358 07 2-4 — 5.2 1016.6 6.8 5.0	18	EC. W. C. N.	5t- 8	8-	(c)	ו אנא ז	14	2-3	310)	2.4	₹.9	1016.9	8.2	55
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	19	SE' 41.7 'N		\neg		-	14							
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	20	55.41.9 N		9				2-4		_				
22 55° 44° 7° W St 8 8-10 350 12 2-4 5.8 1016.9 6.9 5.1 23 75° 35°.5° 55 55 55 55 56 8-10 360 10 2-4 5.5 1016.7 7.9 6.2 24 56° 37.191′ N St 8 8-10 358 07 2-4 - 5.2 1016 56° 8 50	21	55° 447 N	ST E	3 8.			lo	2-4			5.7	1016.9	5.6	
23 35.39.2	22	55 44 7 X	22	_ ~	-10	350	12	2-4			5.8	1016.9	6.9	
24 56° 37.191'N SE 8 8-10 358 07 Z-4 - 5.2 1016 6.8 5.0	23	122.34.5 41	St 8	8.	- 10	360	10	24			5.5	10167	7.9	6.2
	24	56 ° 37. 191'N	SE	8 8-			01	7-4		~	5.2		7.4	5.0
EMARKS	EMAF					900			-	ł	<u> </u>	11.014 0		
		-												
														

NOAA FORM 77-13D (3-76)

51.7°N 10°YN 51.7°N	PRESENT WEATHER	W W VISIBILITY (N.M.)	DIR. (True)	SPEED (Kta.)	SEA WAVE HEIGHT (Ft.)	SWELL DIR.	WAVES HEIGHT	SEA WATER TEMP.	SEA LEVEL PRESSURE (mb)	TEMPER Q DRY BULB	
36 · 206 N 32. 26 00 34 · 418 V 23. 611 51.7 N 10.7 N 10.7 N 10.7 N	St St St	8-12	DIR. (True)	SPEED (Kis.)		DIR.	HEIGHT	SEA WATER TEMP.	SEA LEVEL PRESSURE (mb)	DRY	WET
36 · 206 N 32. 26 00 34. 418 0 34. 418 0 34. 418 0 34. 418 0 1.7 N 10 10 10 10 10 10 10 10 10 10 10 10 10 1	5t 8 5t 8	8-12	(True) 338	(Kts.)				SEA W/	SEA L PRESS (mb)		
32.2684 34.4187 34.4187 34.4187 34.4187 31.7-7 10-7 1	5t 8 5t 8	8-12		08	2-4						
23.611 31.7.0 10.7.0 10.7.0 10.7.0 22.3 (A) 58.7 (A)	5 t 8		240					5.3	1016.5	7.0	5.4
23.611 31.7. N 10.4 W 51.7. N 10.4 W 22.3 N 58.7 W	<u>5</u>	i	348	0.5	2-4			5.5	0.7101	7.0	5.2
10.4. W 51. 7. W 29.3 'H 58.2 W	St 8	8-12	340	06	2-4		-	5.4	1017.0	6.5	≤. Z
295 'H 58.7 'W		8-10	340	CVT	2-3	~	-	5.4	1017.0	5.8	4.6
58.7 W	<i>y</i> − 8	Z-K)	VAR	24	2-3			5.5	10166	6.5	5.2
29.0 A/	5t, 415r	6-8	LT. +	VAR.	Ø-1/2	350	2-4	4.0	10/6.6	6.0	4.8
572 W S	St MIST 8	4-6	330	04	0-1	550	2-4	5.9	Wilela	7.1	5.5
٠ 2 د . ۶ ۲ اـ	St. WIST	4-6	340	05	0~1	350	2-4	2.8	146.9	59	4.8
00.0	જેન *	6-8	010	ω S	0-1	340	3-4	5.8	1017.2	7.0	5.7
25.9N	ST 8	6-8	020	06	0-1	340	2-4	5.9	1017.3	6.8	5.1
28.5N	FOL 8	2-3	080	09	0-1			6.3	1817,4	6.8	5.2
23.50 W	s +	2-3	097	11	0-1		_	6.3	1518.0	67.0	6.8
21.046%	5†	8-10	065	10	0./		_	6.0	1018.4	7.0	5.0
וא' שלים	Sc 5	8-10	068	07	1-2	030	1-2	6.2	1018.5	8.2	6.1
	Se 6	6-8	050	12	1-2		_	6.0	1019.0	7.1	5.0
28.3'N	št. 8	(a-8	טייט	10	1-2		-	6.2	1019.0	6.8	5.5
17 2/1	St, mist 8	6.8	Ø5Ø	13	1-2			6.1	1Ø18.8	7.5	6.2
25.6.N =	3C. 8	6-5	075	(1)	1-2	22	2-4	6.5	0.90	8.3	6.8
(6)	Se (, 8		Sto	U	2-3	٥١٥	2-4	64	1.921	3.F	6.5
5.6'N	1 0	6-8	045	12	2-3	010	2-4	6.4	1019.3	7.8	6,5
		6-8	055	IT	3-4	010	2-4	6.4	1018 9	7.4	59
	5c.Cu 7	6-8	040	14	2-4	010	2-4	6.3	1019.1	7.2	5.8
	Sc 7	79	035	13	7-4	010	2-4	6.4	1019.3	65	5-5
17.90ZW	50		040	12	1-2	010		6.6			6.0
51.6 19. 19. 13. 13. 13. 13. 13. 13. 13. 13. 13. 13	23 63 63 63 63 63 63 63 63 63 63 63 63 63	50 Sc CL 8 60 Sc CV 8 75 Sc CV 7	Sc. CL 8 6-8 6 0 Sc. CL 8 6-8 3 5 CL 7 6-8 5 7 Sc. 7 7-9	Sc CL 8 6-8 055 FU Sc CU 8 6-6 055 FU Sc CU 7 6-1 046 STV Sc T 7-9 035	Sc CL 8 6-8 055 17 - 34 5c C 7 6-8 040 14 - 54 5c C 7 6-8 040 14 - 54 5c 7 7-9 035 13	25 Sc CL 8 6-8 055 17 3-4 36 Sc CL 8 6-8 055 17 3-4 36 Sc CL 7 6-8 040 14 2-4 57 Sc 7 7-9 035 13 2-4	Sc CL 8 6-8 045 12 2-3 010 6 5 5 CU 8 6-8 055 17 3-4 010 3 5 CU 7 6-8 040 14 2-4 010 5 7 5 7 7 035 13 2-4 010	Sc CL 8 6-8 055 17 3-4 010 2-4 - 3 - 4 010 2-4 - 3 - 5 - 6 - 6 055 17 3-4 010 2-4 - 3 - 5 - 6 - 6 040 14 2-4 010 2-4 - 5 - 5 - 7 - 7 035 13 2-4 010 2-4	Sc CL 8 6-8 045 12 2-3 010 2-4 6.4 6 5 5 C 8 6-8 055 17 3-4 010 2-4 6.4 - 3 5 C 7 6-8 040 14 2-4 010 2-4 6.3 5 7 5 7 7 035 13 2-4 010 2-4 6.4	50 Se CL 8 6-8 055 17 3-4 010 2-4 6.4 1019.3 6 5 Se Cu 8 6-8 055 17 3-4 010 2-4 6.4 1018 9 3 5 Se Cu 7 6-8 040 14 2-4 010 2-4 6.3 1019.1 5 5 Se 7 7-9 035 13 2-4 010 2-4 6.4 1019.3	Sc CL 8 6-8 045 12 2-3 010 2-4 6.4 1019.3 7.8 6 5 5 C 8 6-8 055 17 3-4 010 2-4 6.4 1018.9 7.4 - 3 5 5 C 7 6-8 040 14 2-4 010 2-4 6.3 1019.1 7.2 5 7 5 7 7 035 13 2-4 010 2-4 6.4 1019.3 6.5

DECK LOG – WEATHER OBSERVATION SHEET													
NOAA SHIP						DAY				TIME ZONE			
RONALD H. BROWN						Friday 0		08.7	O8 June		+8		
TIME	(Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIND		AVE SHT	SWELL WAVES		ATER	EVEL SURE	TEMPERATURE 9C		
				DIR. (True)	SPEED (Kta.)	SEA WAVE HEIGHT (Ft.)	DIR. (True)	HEIGHT	SEA WATER TEMP.	SEA LEVEL PRESSURE (mb)	DRY BULB	WET BULB	
01	54°52.516'N	SC	8-10	035	09	1-2	010	2-4	6.7	1019.0	7.2	6.1	
02	167° 44.184'	50	8-10	ดชา	11	ر~ ی	010	2-4	6.3	1019.0	7.5	6.8	
03	54 34.687'N	6 (ج	8-10		12	1-2	016	2-4	6.4	0.9101	7.9	6.9	
04	54° 33 0 /N 167° 12.9 'W	0 1 7	10-12	435	11	1-2	ØIØ	2-4	6.5	1918.8	7.5	6.5	
05	540 26.7 H	Se,Ac 6	10-12	Ø3Ø	11	1-2	Ø2Ø	2.3	6.0	1818.4	7.1	6.5	
06	54° 20.0 'N	Se, DC	4-12	940	100	1-2	Ø2Ø	2-3	5.7	1¢18.2	7.0	6.2	
07	54° 126 'N	ScAc 7	10-12_	065	1()	1-2_	020	2-3	5.8	1Ø18.5	7.4	5.4	
08	166-31.4M	5c (6) /27	8-10	୯୩୦	86	[-2	0 P	1-2	6.3	1019.0	7-8	6.4	
09													
10													
11													
12													
13													
14					Par								
15						Ant CH							
16						~	4/39mg						
17		!					19	2 AA					
18													
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22	·		<u> </u>				<u> </u>					$\vdash \rightarrow \vdash$	
24										ļ <u>-</u>			
REMAR	iks				i	<u> </u>	<u> </u>	1	L	1	<u> </u>	1	