DECK LOG - WEATHER OBSERVATION SHEET

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.=	Sur	VEYOR	. `	<u>S-13</u>	32	Tues	SDAY	125	9FT 95	+8	<u> </u>	
TIME	TIME POSITION PRESENT (Lat. and Long.) WEATHER		LITY	F WIND		AH SWEL		WAVES	P.	EVEL URE	TEMPERATU	
â		2 0,	VISIBILITY (N.M.)	DIR. (True)	SPEED (Kte.)	SEA WAVE HEIGHT (Pt.)	DIR. (True)	HEIGHT	SEA WATE	SEA LEVEL PRESSURE (mb)	DRY BULB	В
01	57-3311N	1-PC	12	315	18.	3	340	5-6	9.4	10087	8.8	-
02	57 367 N 171 2914 W	P/C	12	300	15	3_	340	5-6	9.4	10090	80	7
03	97 37.7N 171 25.82	P/C	12	3 00	18		340	5-6	8.9	1008.5	8.5	7
04	570 691 BN	P/C	1014	297	16	1-3	316	3-5	8.7	१६७१८	9.0	8
05	171°00,6 W	e/c	10+	318	Zφ	1-3	310	3- S	9.9	10095	9.00	-
06	37046.3 N 170046.7 W	P/C	100+	332	16	トン	31¢	3-5	9.1	1409.5	ළ. S	7
07	57°43.6 N 17657,6 N	P/C	100+	3¢5	Zφ	1-2	346	3-5	F.0	1009.5		-
08	57-40.2N	7/	12	315	12	1.2	340	3-5	8.6	1010,2		6
09	57-40.1N 171-12.4W	2/6	12	295	12	2	320	3	8.7	1010.8	8.1	7
10	57- 33.3N 171-013W	P/C	/2	315	10	2	320	3	8.2	1011.1	8.4	7
11	57 - 23 . W	P/c	12	280	શ	(020	3	3.1	1011.2	10.0	8
12	57-11.0 N 170-29. ZW	PC	12	280	8		000	3	7.1	1011.7	9.0	7
13	170 - 25.6W	PC_	15	260	- 7-	1	350	2	7.3	1011.8	9.0	7
14	57-07.42 170-20.0 W	PC	12_	260	7	1	350)	7.4	10/2.3	10.0	8
15	57-05.3N 170-17.5W	PC	12	770	8	100			1.5	1012.8	11.5	•
16	57-01.0 N 170-08.7 N	የ ረ	12	264	8		830		7.9	1012.9	13.0	L
17	57 -03.6N	7/17	12	245	7	1	025	2-3	7.7	1017.9	10.Z	4
18	57 12 9 N	P/c_	10)	<u> </u>	40	6-1			7.7	1013.0	נו,טו	9
-19	1700514	P/c	12	270	8	1 3	340	3. 4	8.Z	612.9	g. 2	6
_20	62 111											二
21	57 - 14.8 N 170 - 17.1 W	PK		Z 10	7	/	suo	3-4	74	1017.8	2- 3	1
22		ak:	/ユ	130	5	41	350	2-3	7.5	1012.9	75	2
23	57- 15.7 N 190- 23.2N	2/6	12	160	4	21	350	z-3	7.5	1017.9		6
24 REMAR	57 23.2N 170 06.4W	P/C	12	190	10	41	350	2-3	9.4	1014.0	8.0] 7
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-	42	<u>C</u>	7.1				15				-	
		SUNRISE	<u> </u>				-		_ .			
i.	1) E	SUNSET	(2)		97	- 5					· · · · · · · · · · · · · · · · · · ·	
	·	<u> </u>					- 35			-		-
-				3.		74			524	-0		
	• 100						Ż.					

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP TIME ZONE 5-132 SURVEYOR 13 Scp 95 WEDNER BILITY /.M.) SEA LEVEL Pressure (mb) WAVE IGHT TEMPERATURE POSITION WIND SWELL WAVES PRESENT WEATHER TIME WATE QC. (Lat. and Long.) VISIBI (N.M. SEA | HEK (Pt. DIR. SPEED DIR. неіфнт DRY WET (True) (Kts.) (True) (F_{i}) BULB BULB 30,6 1 570 01 9,6 g/c 180 350 12 10 0130 <u>00,100</u> 8. (7.0 57-38.7 N 40-169-53.9n 350 02 PC 170 -2 12 9.5 12 8.5 7.5 ce& 0 57-40.7 N PC 69-512 03 12 165 12 1-2) 9.6 8.9 012.9 7.5 37.6 N 04 P/c 1012.5 166 16 1-2 9.5 7.5 34.5 A 7 05 P/L 9.6 2.0 150 -2 1012.2 7.5 570 32.0 N 06 690 555 W -2 9.0 1012.0 7.0 7028.9 ~ 100 07 PIC 165 19 トて 9.4 10000 3 W ヿ゙ゟ 9,0 1012.0 7 - 25.3M ΩA 12 16 170-03.7 W 57-23.4N 170-06.2 W 160 1-2 9.0 9.0 7.5 1011.2 09 340 9,2 OUC 9.0 60 8.0 10/1.1 57-21.1 N 10 9.4 170-00 0 W DUC 150 17 1-3 7.9 7.9 12 1010 Q 57-18.62 11 7.4 150 18 0 12 2 0VC 3.5 7.6. 0128 59-18.8 N 12 17-145 1-2 7.4 190-06 OW DYC. 10 9.0 10/1.2 තු. *ර* chi 57-18.0N 13 -2 9.0 7.8 OUC 140 20 170-08.2 h 10 101.1 57-15.9 N 14 01 9.0 DVC 140 20 170-11.0 W 7.8 1010.1 15.8 N 15 OVC 9 2-3 70 12.3W B 150 1.1 9.0 1010.2 7.8 5702014 N 16 0+ 25 OVC Z-3 8,5 010,0 57627.4 ~ 17 133 2/3 3 7002.8 270 8 W 7-57234.4 N 18 134 7-3 690 57.1 7 <u>1</u>1 010 5 570417 169051.2 19 016 3-4 9.5 3 S 200 0090 20 57-55-9 N 21 169.390 12 30 72 9. Z 9.3 OVC 1-8 1009.2 58-03.1 169-33.2 22 12 てて IJ-(. 016 175 9.3 8ac 1009.0 58- 12.3 N 23 9.4 !8 8.8 1-6 7.3 170 10096 58 -14, FN 4-6 9.4 ロィス 9.5 8.8 OVC 130 20 160% T 18,7 W REMARKS SUNDISE- 0347 SUNSET- ZIUZ

DECK LOG - WEATHER OBSERVATION SHEET

(Lat. and Long.) WEATHER SPEED OIR. (True) SPEED OIR. (True) OIR.	NOAA	SHIP	DAY		DATE		TIME ZONE						
01 16 15 15 16 16 17 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	SURVEYOR S-133 THURRY 17 SEPT +8										3		
01 16 15 15 16 16 17 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18													
01 16 15 15 16 16 17 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	TIME		PRESENT WEATHER	LITY (2)	WIN	WIND		SWELL	WAVES.	ATER	EVEL SURE		
00 169 70.1 CVC 10-12-130 27 4-6 7.3 1008-9 9.2 8-7 02 169 70.5 W ZMN 8-12 140 24 4-6 7.2 1008-9 9.2 8-7 03 169 750 7 OVC 12 125 26 5-7 7 9.2 1007-2 9.5 9.6 04 169 750 7 OVC 12 125 26 5-7 7 9.2 1007-2 9.5 9.6 05 170 750 7 OVC 1-9 14 0 3.6 6-8 7 9.1 1005.0 9.5 06 170 750 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		10		BISIV (N.J			SEA V HEI			< ⊢	SEA L PRESS		
02 169 37 W ZAIN 8-12 140 24 4-6 1 7.7 1008.9 9.2 6-7 03 169 329 W OVC 12 125 26 5-7 7 9.2 1009.2 9.5 9.0 04 169 38 W OVC 8 10137 30 6-8 - 9.0 1006.0 9.5 9.0 05 17 32.3 W OVC 7.9 140 36 6-8 - 9.1 1006.0 9.5 9.0 06 170 22.0 N OVC 8-10145 21 3-10 - 7.4 1009.0 9.0 07 570 12.0 N OVC 8-10145 21 3-10 - 7.4 1009.0 9.0 08 170 016 W OVC 2 155 20 8.10 7 7.6 1003.9 8.7 8.5 09 53 050 00 00 3 100 8 2-4 170 8-0 6.7 1004.0 6.0 8.0 10 56 58 40 00 2 100 17 2-4 150 8-10 6.7 1004.0 6.0 8.0 11 100 26 3 1 000 00 2 140 17 2-4 150 8-10 6.9 1004.0 9.3 9.0 12 12 12 10 10 10 10 10 10 10 10 10 10 10 10 10	01	69 20.1	OVC	10-12	130	22	4-6	4		9.3	1008.9	9.2	9-0
64 1 1 1 2 2 1 1 1 1 2 2 1 1 2 2 1 1 2 2 2 1 2	02	169 29.8 W	RAIN	8-12	140	24	4-6			4. 2	1008.9	9.2	8.7
05 \$7 32.3 1 ONC \$79 14 \$7 \$6 \$ 5 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	଼ 03	169-29.72	OVC	12	125	26	5-7	1		9.2	1007.2	9.5	9.0
66 51220 4		V C 1 1 1 1	OVC	8-10	137	3ø	6-8	_	1	9.6	1006.0	9,5	9.00
10 15-12-0 N ONC 8-10 145 Z1 8-10 - 7.4 1004.0 9.0 9.0 1004.0 9.0 1004.0 9.0 1004.0 9.0 1004.0 9.0 1004.0 9.0 1004.0 9.0 1004.0 9.0 1004.0 9.0 1004.0 9.0 1004.0 10		1690 38.4W	OUC	7-9	140	36	6-5		1	9.1	1005.0	9,5	9.0
07 163 4412 W ONC 9-10 145 Z 8-10 - 1- 7.4 1004.0 9.0 9.0 8 77 07.4 W ONC Z 155 20 8-10 - 7.6 1003.9 8.7 8.5 09 73-53 W ONE 3 140 Z0 Z-4 140 8.7 Z 7.8 1004.0 8.6 8.4 10 170 190 D EOG 1/2 110 8 2-4 170 8-10 8.9 1004.0 8.0 8.0 11 180 Z6 R W ONC Z 140 177 Z-4 150 8-10 8.9 1004.0 9.3 9.0 12 170 - 24.8 W ONC 5 150 14 2-4 170 8-10 9.0 1004.0 9.3 9.0 13 150 - 37.0 W ONC/Feb 1 150 16 2-4 170 8-10 9.0 1004.0 9.3 9.0 14 130 - 37.0 W ONC/Feb 1 150 16 2-4 170 8-10 9.0 1004.0 9.3 9.5 15 170 - 36.9 ONC 5 141 18 2-3 170 6-7 9.0 1004.8 9.5 9.3 15 170 - 36.9 ONC 5 141 18 2-3 170 6-7 8.9 1004.5 9.8 9.5 16 170 - 32.6 W ONC 5 141 18 2-3 170 6-7 8.9 1004.5 9.8 9.5 17 170 - 23.6 W ONC 6-8 140 16 2-3 160 6 8.4 000.0 7.5 9.0 18 170 - 23.6 W ONC 6-8 140 16 2-3 160 6 8.4 000.0 7.5 9.0 18 170 - 23.6 W ONC 6-8 140 16 2-3 160 6 8.4 000.0 7.5 9.0 18 170 - 23.6 W ONC 6-8 140 16 2-3 160 6 8.4 000.0 7.5 9.0 19 56 56 54 8 W ONC 6-8 160 12 2-3 160 6 8.5 1004.5 9.7 2 9.0 19 56 56 56 8 W ONC 8-10 160 12 2-3 160 8.5 1004.5 9.7 2 9.0 20 157 - 36.0 W ONC 8-10 160 12 2-3 170 8-6 8.5 1004.5 9.7 2 9.0 21 170 - 170 18 0 0 0 0 10 130 13 2-3 175 3-5 1.7 1004.1 8.8 7.4 21 170 - 170 18 0 0 0 0 10 130 13 2-3 175 3-5 1.7 1004.1 8.8 7.4 21 170 - 170 18 0 0 0 0 10 130 13 2-3 170 3-4 5 7.7 1006.0 8.2 8.0 22 170 171 W ONC 10 130 13 1-2 170 3-4 7.7 1006.0 8.2 8.0	06	16904615 1	RAIN	6-8	154	34	8-12		V	وم	1004.5	9,0	9.0
68	07	570 12.0 N		B-10	145	zΙ	8-10	4	/-	7.4			
69 170-132W ONE 3 140 20 2-4 190 8-12 7.8 1001.0 8.6 8.4 10 170-132W ONE EGG 2/2 110 8 2-4 170 8-10 6.7 1004.0 6.0 8.0 11 130-163.4 200 2 140 17 2-4 150 8-10 8.9 1004.0 7.2 7.2 12 170-34.8 W ONE 5 150 14 2-4 170 8-10 9.0 1004.0 9.3 9.0 13 170-33.0 W ONE/Fix 1 150 16 2-4 170 8-10 9.0 1004.0 9.3 9.0 14 170-31.2 W ONE 3 155 16 2-3 170 6-7 9.0 1004.8 9.5 9.3 15 170-31.2 W ONE 3 155 16 2-3 170 6-7 8.9 1004.5 9.8 9.5 16 16 16 16 16 16 16 16 16 16 2-3 180 6 8 9.0 1004.5 9.8 9.5 17 16 170-26.6 W ONE 6-8 140 16 2-3 180 6 8 9.0 1004.1 10.0 9.5 18 170-20.8 W ONE 8-10 160 26 2-3 160 6 8 8.4 000.0 7.5 9.0 18 18 18 18 18 0 0 0 0 0 0 0 0 0 0 0 0 0	08	170 016 W	OVC	2	155	20	8-10	+/	+	7.6			8.5
170-19.9 EGG 272 110 8 2-4 178 840 6.7 1604.0 6.0 8.0 11 130-76.8 W OVC 2 140 17 2-4 150 8-10 8.9 1004.0 6.0 8.0 12 170-34.8 W OVC 5 150 14 2-4 170 8-10 9.0 1004.0 9.3 9.0 13 150-34.8 W OVC 5 150 16 2-4 170 8-10 9.0 1004.0 9.3 9.0 14 170-33.0 W OVC/Fec 1 150 16 2-4 170 8-10 9.0 1004.8 9.5 9.4 14 170-31.2 W OVC 3 155 16 2-3 170 6-7 8.9 1004.8 9.5 9.3 15 170-36.9 OVC 5 141 18 2-3 170 6-7 8.9 1004.5 9.8 9.5 16 16 170-21.6 W OVC 6-8 140 16 2-3 180 6-8 8.4 100.0 9.5 17 170-21.6 W OVC 6-8 140 16 2-3 150 6-8 8.4 100.0 9.5 18 170-21.6 W OVC 8-10 160 26 2-3 160 4/6 8.5 1004.5 9.75 9.0 19 56-54.8 W OVC 8-10 160 26 2-3 170 4-6 8.5 1004.5 9.75 9.0 19 56-54.8 W OVC 8-10 160 26 2-3 170 4-6 8.5 1004.5 9.75 9.0 20 130-130-10 0VC 4-5 125 12 2-3 170 4-5 7.8 1004.1 8.8 7.4 21 170-130-130 0VC 10 145 15 2-3 170 3-4 5 7.8 1004.1 8.8 8.4 21 170-130-130 0VC 10 145 15 2-3 170 3-4 7.7 1005.0 8.5 8.0 22 57-033-W OVC 10 145 15 2-3 170 3-4 7.7 1005.0 8.5 8.0 23 170 150-130 0VC 10 145 15 2-3 170 3-4 7.7 1005.0 8.5 8.0 24 77-04.0 0V 10 170 170 170 3-4 7.7 1005.0 8.5 8.0	09	170-133 W	ove	3	140	1	z-4	196	8-12	7.8	1004.0	4.6	8.4
11 1 10-26.2 N CVC Z 140 17 Z-4 150 8-10 8.9 1004.2 7.Z 9.Z 12 170-34.8 N OVC 5 150 14 2-4 170 8-10 9.0 1004.0 9.3 9.0 13 170-32.0 N OVC/FOC 1 150 16 2-4 170 8-10 9.0 1004.0 9.3 9.0 14 170-32.0 N OVC/FOC 1 150 16 2-4 170 8-10 9.0 1004.0 9.5 9.4 14 170-32.0 N OVC 3 155 16 2-3 170 6-7 9.0 1004.8 9.5 9.3 15 170-30.7 N OVC 5 141 18 2-3 170 6-7 8.9 1004.5 9.8 9.5 16 56-53.0 N OVC 5 141 18 2-3 170 6-7 8.9 1004.5 9.8 9.5 16 56-54.6 N OVC 6-8 140 16 2-3 180 6-8 9.0 1004.1 10.0 9.5 17 170-26.6 N OVC 6-8 140 16 2-3 160 6-8 8.4 1004.0 9.5 18 170-20.6 N OVC 6-8 160 26 2-3 160 4/6 8.5 1004.5 9.75 9.0 19 56-56.5 N OVC 6-8 100 12 2-3 160 4/6 8.5 1004.5 9.75 9.0 20 57-30.N OVC 4-5 125 12 2-3 170 4-6 8.5 1004.5 9.75 9.0 21 36-56.3 N OVC 4-5 125 12 2-3 170 4-6 8.5 1004.5 9.75 9.0 22 57-3.3 N OVC 10 145 15 2-3 170 3-4 1500/1 8.8 7.4 23 57-03.3 N OVC 10 145 15 2-3 170 3-4 7.7 1005.0 8.5 8.0 24 77-03.3 N OVC 10 145 15 2-3 170 3-4 7.7 1005.0 8.5 8.0 24 77-03.3 N OVC 10 145 15 2-3 170 3-4 7.7 1005.0 8.2 8.0 25 170-12.0 OV 10 130 13 1-2 170 3-4 7.7 1005.0 8.2 8.0	10	1701 19.90	E06	4/2	110	3	2-4	170	840	6.7	1604.0	6,0	8.0
13 170-34.8 M OVC. 3 150 14 2-4 170 8-0 9.0 1004.0 9.3 9.0 13 170-37.0 M OVC/Fee 1 150 16 2-4 170 8-10 9.0 1103.9 9.5 9.4 14 170-37.0 M OVC. 3 155 16 2-3 170 6-7 9.0 1004.8 9.5 9.3 15 170-30.9 OVC 5 141 18 2-3 170 6-7 8.9 1004.5 9.8 9.5 16 56-53.0 M OVC 6-8 140 16 2-3 180 6 8 9.0 1004.1 10.0 9.5 17 170-23.6 M OVC 6-8 140 16 2-3 180 6 8 9.0 1004.1 10.0 9.5 18 170-23.6 M OVC 6-10-100 2\$ 2-3 160 8.4 1004.0 9.5 9.0 18 18 170-20.6 M OVC 8-10-100 2\$ 2-3 160 8.5 1004.5 9.75 9.0 19 56-54-8 M OVC 6-10-100 2\$ 2-3 160 8.5 1004.5 9.75 9.0 20 170-23.8 M OVC 4-5 125 12 2-3 170 8-6 8.5 1004.0 9.2 9.0 21 170-132 M OVC 10 130 13 2-3 175 3-5 7.7 1004.1 8.5 8.2 22 57-03.3 M OVC 10 145 15 2-3 170 3-4 1-5 1.8 1004.1 8.5 8.2 23 170 1410 M OVC 10 145 15 2-3 170 3-4 7.7 1005.0 8.2 8.0 24 170-04.1 M OVC 10 170 170 170 3-4 7.7 1005.0 8.2 8.0	11			2	140	17	2-4		8-10	8.9	52		
13 150-31.0 W ONC Foot 150 16 2-4 170 8-10 9.0 11039 9.5 9.4 14 130-31.2 W ONC 3 155 16 2-3 170 6-7 9.0 104.8 9.5 9.3 15 170-30 ONC 5 141 18 2-3 170 6-7 8.9 104.5 9.8 9.5 16 56-53.0 N ONC 6-8 140 16 2-3 180 6-8 9.0 1004.1 10.0 9.5 17 56-54.8 N ONC 6-8 140 16 2-3 180 6-8 9.0 1004.1 10.0 9.5 18 170-23.8 W ONC 6-8 150 12 2-3 150 6-8 8.4 100.0 7.5 9.0 18 170-20.6 W ONC 8-10-100 25 2-3 160 4/2 8.5 1004.5 9.75 9.0 19 56-54.8 N ONC 8-10-100 25 2-3 160 4/2 8.5 1004.5 9.75 9.0 19 56-56.5 N ONC 4-5 125 12 2-3 130 4-6 8.5 1004.0 9.2 9.0 20 130-13.3 W ONC 4-5 125 12 2-3 170 4-6 8.5 1004.1 8.8 7.4 21 130-13.3 W ONC 10 130 13 2-3 175 3-5 3-7 1004.1 8.5 8.2 22 57-03.3 N ONC 10 145 15 2-3 170 3-4 N/A 1004.1 8.5 8.2 23 170 15.5 W ON 10 140 14 1-2 170 3-4 8.0 1005.0 8.5 8.0 24 170 05.1 W ON 10 130 13 1-2 170 3-4 7.7 1005.0 8.2 8.0 REMARKS SUNRISE: 0843	12	170-34.8W	OV.C.	5	150	14	2-4	170	8-10	9.0	1004.0	9.3	9.0
14 130-31.2 W ONC 3 155 16 2-3 170 6-7 9.0 104.8 9.5 9.3 15 170-30.9 OVC 5 141 18 2-3 170 6-7 8.9 104.5 9.8 9.5 16 56-53.0 N ONC 6-8 140 16 2-3 160 6-8 9.0 104.1 10.0 9.5 17 56-54.8 N ONC 6-8 140 16 2-3 160 6-8 8.4 104.0 7.5 9.0 18 56-54.8 N ONC 6-8 150 12 2-3 150 6-8 8.4 104.0 7.5 9.0 18 56-54.8 N ONC 8-10 100 26 2-3 160 41 8.5 1004.5 9.75 9.0 19 56-56-51 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13	56-41.6 N 170-37.0W		1	150	16	2-4	170	8-10	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		9.5	9.4
15 \$\frac{170-\$40.9}{170-\$30.0'N}\$ OVC \$\frac{141}{18}\$ \$\frac{1}{2}-3\$ \$\frac{170}{170}\$ \$\frac{1}{6}-\frac{7}{7}\$ \$\frac{9}{6}\$ \$\frac{9}{1004.5}\$ \$\frac{9}{8}\$ \$\frac{9}{9}.5\$ \$\frac{1}{16}\$ \$\frac{7}{6}-\frac{5}{9}-\frac{6}{10}\$ \$\frac{1}{10}\$ \$\frac{6}{6}-\frac{8}{140}\$ \$\frac{16}{16}\$ \$\frac{7}{2}-\frac{1}{3}\$ \$\frac{160}{6}\$ \$\frac{9}{8}.4\$ \$\frac{1000}{10.0}\$ \$\frac{9}{9}.5\$ \$\frac{1}{10}\$ \$\frac{56}{6}-\frac{5}{9}+\frac{8}{10}\$ \$\frac{1}{10}\$	14	170-31.2 W	•	1	155	16	2-3	170	6-7	9.0			
16 \$6.5.0 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	15	170-309	ovc.	5	141	18	2-3	190	6-7	8.9	de	98	_
17 56 54.8 N OVC 6-8/50 12 2-3 150 6-8 8.4 MA. 3.5 9.5 18 170° 23.8 W OVC 8-10 100 20 2-3 160 4/6 8.5 1004.5 9.7 9.0 19 56 56.5 N OVC 4-5 125 12 2-3 136 4-6 8.5 1004.0 9.2 9.0 20 57 000 N OVC 4 150 12 2-3 170 4-5 7.8 1001.1 8.8 7.4 21 56 59.9 N OVC 10 130 13 2-3 175 3-5 7.7 1001.1 8.5 8.2 22 57 -03.3 N OVC 10 145 15 2-3 170 3-4 N/A 1001.1 8.5 8.2 23 57 04.1 N OVC 10 145 15 2-3 170 3-4 8.0 1005.0 8.5 8.0 24 57 04.1 N OVC 10 130 13 1-2 170 3-4 7.7 1005.0 8.2 8.0 REMARKS	16		pul	6-8	140	16	2-3	160	6-8	9.0	100A.1	10.0	
18 \$6.54.6 N CJC 8-10 100 25 2-3 160 4-6 8.5 1004.5 9.75 9.0 19 \$6.56.5 N OVE 4-5 125 12 2-3 130 4-6 8.5 1004.0 9.2 9.0 20 \$7.00 N OVE \$150 12 2-3 170 4-5 7.8 1004.1 8.8 7.4 21 \$6.56.7 N OVE 10 130 13 2-3 175 3-5 7.7 1004.1 8.5 8.2 22 \$7.03.3 N OVE 10 145 15 2-3 70 3.4 N/A 1004.9 23 \$7.05.5 N OVE 10 140 14 1-2 170 3-4 8.0 1005.0 8.5 8.0 24 \$7.05.2 N OV 10 130 13 1-2 170 3-4 7.7 1005.0 8.2 8.0 REMARKS	17		011	6-2	150	12	2-3		6-8	8.4		7.5	
19 56 56.51 OVE 4-5 125 12 Z-3 126 4-6 B.5 1004.0 9.2 9.0 20 \$\frac{57}{1707} \frac{71.57}{1.57} \text{ OVE OVE } \frac{4}{5} \frac{125}{125} \frac{12}{2} \frac{2-3}{170} \frac{4-6}{5} \frac{15}{18} \frac{1604.0}{604.0} \frac{9.2}{8.8} \frac{9.0}{7.4} 21 \$\frac{56}{170} \frac{156.7}{180} \text{ OVE } \frac{10}{5} \frac{135}{15} \text{ 125} \frac{12}{12} \frac{170}{170} \frac{4-6}{5} \frac{13}{18} \frac{1604.0}{604.0} \frac{9.2}{8.8} \frac{7.4}{1004.0} \frac{18.8}{8.8} \frac{7.4}{7.4} 21 \$\frac{56}{170} \frac{156.7}{150} \text{ OVE } \text{ OVE } \frac{10}{130} \frac{13}{13} \text{ Z-3} \frac{175}{170} \frac{3-6}{5} \frac{17}{170} \frac{170}{3-4} \frac{1004.0}{8.5} \frac{8.7}{8.0} \frac{1004.0}{1005.0} \frac{8.5}{8.0} \frac{8.0}{1005.0} \frac{8.5}{8.0} \frac{1005.0}{1005.0} \frac{8.5}{8.0} \frac{1005.0}{1005.0} \frac{8.7}{8.0} \frac{1005.0}{1005.0}	18	560.54.60	01°	8-10	140			160	/ /			19.1	
20 \$7 -00.0N OVC \$ \$50 12 2 -3 70 4 - 5 7.8 600 1 8.8 7.4 21 \$5.5.9.9 \times \text{OVC} 10 130 13 2 - 3 175 3 - 5 7.7 1000 1 8.5 8.2 22 \$7 -03.3 \text{N} OVC 10 145 15 2 - 3 70 3 - 4 N/A 201/9 23 \$7 \text{OS.5.7 \times OYC} 0 140 14 1-2 170 3 - 4 8.0 1005.0 8.5 8.0 24 \$7 OYC, 1N OVC 10 130 13 1-2 170 3 - 4 7.7 1005.0 8.2 8.0 REMARKS	19		3.5	4-5	125	_	z-3	125	4-6	85			
21	20	57-00.0N		1	=		1	n 7 –	1	1			
22 57-03.3 N OVC 10 145 15 Z-3 70 3-4 N/A 1001.9 23 77 05.5 ~ OVC 10 140 14 1-2 170 3-4 8.0 1005.0 8.5 8.0 24 770 05.2 N OV 10 130 13 1-2 170 3-4 7.7 1005.0 8.2 8.0 REMARKS SUNRISE: 0843	21	56-54.9 N	5771 W		==	/3"		1	3-5	7.7		50	
23 \$\frac{97}{120} \ \frac{05.5}{140000} \ \text{OVK} \ \text{ID} \ \frac{140}{140} \ \frac{14}{1-2} \ \frac{170}{170} \ \frac{3-4}{3-4} \ \frac{8.0}{1005.0} \ \frac{8.5}{8.0} \ \text{REMARKS} \] 24 \$\frac{77}{170} \ \frac{04.1N}{15.2N} \ \text{OV} \ \text{IO} \ \frac{13}{3} \ \frac{1-2}{3} \ \frac{170}{3} \ \frac{3-4}{3} \ \frac{7-7}{1005.0} \ \frac{8.2}{8.0} \ \text{REMARKS} \] SUNPLISE: \text{D843}	22		W		1		1	<u> </u>		7 -		•	Th
24 170 04.1N OV 10 130 13 1-2 170 3-4 7-7 1005.0 8 2 8.0 REMARKS SUNRISE: 0843	23	170 14:0W		10			1		1		 	8.5	8.0
SUNICISE: 0843	24	750 04.12W	•	F	(30	13			3-4	7.7			
SUNGET: 2144	REMAR	RKS		•		1	, J.	V	<u> </u>	<u> </u>	87	14	
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SUNSCT 21:34 (41)

	34 4	DEC	K LO	G – WE	ATHER	OBSER	OITAV	N SHEE	ET.			
OAA	SHIP				DAY	- C 2	DATE	-	TIME ZO	NE		
1911F100 5-137							ROAU	16 SE	0-05	-+9	2	
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	> u ac								TEMPES	RATURE		
TIME	(Lat. and Long.)	POSITION PRESENT WEATHER PRESENT WIND OR OF THE PRES				EA WAVE HEIGHT (Ft.)	SWELL	WAVES	WATER EMP.	SURE		c C
(F)	70		VISIE	DIR.	SPEED (Kta.)	SEA	DIR. (True)	HEIGHT	EA W	SEA LEVEL PRESSURE (mb)	DRY	WET
01	56-52.2N	90 oudy	12_	140	14	1-2	ORO	2-3	2	-	8.7	
02	56-40.7 N 169-370 W		12	150	//	1-2		113	8.2	1006.5		8.1
03	56-39.4 N	Cloudy			Z	77	090	1/5		1001.0	8.6	8.4
04	169-37.7 W	Cloudy	12.	145		1-2	-	1	7.3	וטטן .ט	8.8	8.5
05	169036,2 W	Cloudy	10 F	160	12	(-2		11	6.8	1006,0	9.0	8.5
06	169037.Z W	ove	(Z'	185	17	1-2	-		7.9	1005.3		8.5
07	169° 37.2 W	ove	121	16	12	トーこ		-	8,4	1005.0	9.25	8.75
	57-09.1 N	040	12+	150	8	1-2		-	8.1	1005.0	9,75	8,25
80	169-45-E W	P/C	12	155	8	1-Z	1		7.2	10045	8.3	7.9
09	169 - 44.9W	7/4	12	170	14	2			7.4	1004.2	8 3	7.5
10	57-04.5 N 169-42 & W	P/c	12	160	12	2	140	3	08.1	1004.3	8.9	7.0
11 =	57-00.9.1	P/C	17	140	/2	1	190	2.3	8.3	1004,2	10.0	9.0
12	54-574N 16940.8W	Clovou	12	160	07	1::	180	2	7.5		9.5	9.0
13	16940.8 W	Cloudy	12	140	7	1	190	2	8.1	10042	0	9.0
14	52.43.7 N	PC	/2	150	5	,			6.8	1004.3	9.7	
15	56"40.8 N	0/1			1-	7				1013.9		8.7
16	56°40,0 N	Ple	7	172	17	1- /-	E		+,/	1003.5	_	8.1
17	169031.8 W		١٥	182	-	1-2			7.1	1003.5	4.	8.1
	56-23.0 N	P/C	12+	176	2	1-2	7	<u> </u>	9,5	603.2	10.5	9.25
18	169027.3 W	OUC	12+	237	5	15	 -		9.3	1003.5	10.5	29
19	169 26.5W	Pk	10 t	285	ж5	18	/	1	10.3	1003.7	10.5	10.0
20	56-21.0 N 169-77.4 W	P/c	10	300	ڪ	41	715	2-3	10.2	1003.0	10.2	9.5
21	36-231 N 169-279 W	P/c	12	325	4	41	765	23	10.3	100 2.9	100	7.0
22	56-276 N 169-280 W	P/C	12	290	5	41		X	9.8		_	9,0
23	56- EG.4 N 169-78.1 W	P/c	IZ	3/0	6	21	-	7	1	1007.3		4.0
24	56 33.4 N 164 28.6 W	9/C		000	5-	41	1	7		1002.1		80
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NOAA FORM'77-13D (3-76)

NOAA FORM 77-13d U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION **DECK LOG - WEATHER OBSERVATION SHEET** NOAA SHIP DATE TIME ZONE SUPUETOR 5-132 17502795 13 SUNDA SEA WAVE HEIGHT (FL) SEA LEVEL PRESSURE (mb) TEMPERATURE POSITION WIND PRESENT SWELL WAVES TIME VISIBILLF WATE OC. (Lat. and Long.) DIR. SPEED DIR. HEIGHT DRY WET (True) (Kts.) (True) (Ft.) BULB BULB 280 N 28,1 W P/C Πī 12 8.7 8 🖂 8.O 0 ZO 7. ۲ 21.1 ~ 5-6 P/c 02 12 9.0 8. 2 000 10.0 100111 12:20 9/6 8 03 010 -2 10. 8.5 1001.0 16.2 ~ 04 169° 25.4 W 56° 17.0 N 6 1-2 010 12 9,0 8,0 10.1 1,000 05 P/C 690 Z6.5 W 356 ZØ 1-2 999,5 9,0 0,0 8.0 56024.4 N C 344 06 169027 17 72 l-2 7,5 8.5 999.ø 560 31,3 07 P/C 12+ 344 69029 1 W 24 1-2 5 998.5 8,0 TO 08 7/6 121 345 169-29,5W 24 2 998.2 7,8 7. ユ 56-30.2N 09 BUC 340 19 169-29.5 998.0 7.4 g.0 56-263N 10 12+ 33८) 00C 19 2 997.8 169-28 ZW 7.6 - 22.40 11 569 - 37.3W 57.18.2 N 69.27.2 W 320 ク 13 OVC 2 9.3 997.1 8. \supset 8 12 330 17 **⊘**√*c* 996.5 0.0 8.3 56-160 N 13 3 DVC. 330 20 3 69-27.5 W 10.D 995.5 2.5 8,0 56 - 28.9 N 14 18 9.6 169-30.8 W 046 1Ø 330 1-2 300 0-3 995,2 8.9 8.0 56-30, N 169-29.0 W 15 350 ₩-€ OVC995.0 080 3-4 4.17 16 56-26.7'N 17 30-9'w 5-6 330 27 2-3 169-30-91 569-33:2 N RAIN 090 8.1 -6 994.0 9.0 18 5 EAIN 18 3-335 690 ZT.Z W 332 8. 992.5 8.0 7.75 56° 43.9 2 169° 28,2 V 19 3-5 33 LAIN **3**Ø 9918 8.¢ 8.0 56.54.1 N 20 330 20 8.7 4-5 3.4 RAIN - 40.6 L 6-8 991.6 0 7.0 57-03,22 21 **33**0 RAiN26 3 8.0 7.7 11.9 56.5W 44 991.9 7,5 57-13.2N 22 RAIN 5-6 4-5 330 26 7.7 991.9 8.0 ५. ष्ट OID 57-17.10 23 7 72 KAIN 330 7.6 82 991.Z 80 23.ZN 20 46 RAIN 7 **330** 8.6 990.5 17c 06.3 ~ REMARKS

NOAA	FORM	77-13d
(3-76)		

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

	NOAA SHIP											
NOAA	SHIP			DAY		DATE	TIME ZONE					
<u> </u>	50	DRUETC	R	5-1	<u>ځد</u>	Mon	DAY	18 550795		to	1.5	
-												
TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIN	D	SEA WAVE HEIGHT (FL)	SWELL WAVES		WATER EMP.	EVEL Sure by	TEMPERATURE OC	
		11	VISIE (A.	DIR. (True)	SPEED (Kts.)	SEA HE (F	DIR. (True)	HEIGHT (Ft.)	SEA W	SEA LEVEL Pressure (mb)	DRY BULB	WET
01	57 30 4 N 170 00,0 W	exin	7	330	20	4-6	10		9863	99%	87	6.7
02	57 37,4 N 170 54,5 W	BSIN	7	340	29	4-6	-	_	9, 1	984.0	90	900
03	169 5%. 4W	Perrie	7	330	26	4-6			9.4	989.0		9.0
04	57 34.0 N 169 57.8 W	DZIZZLE	5	225	28	4-6	/	/	9.0	989.0	9.0	9.0
05	570-31.9 N		3-5	325	28	6-7	1	/	8.9	488.2	9.0	9.0
06	57-29.6 W	046	3-5	320	26	6-8	1	/	3.8	988.u	9.0	ઇ.ડ
- 07	57 - 25.0 N	OVC	3-5	315	22	6~B	/-	1	8.1	488-0	9.0	8-5
08	57.25.70 170.03.5W	ove rain	3.5	310	20	6	/	1	00.	287.2	3,0	8.5
09	57-22.8N	OVC RAIN	, 4.	315	20	5-6	_		8.6	987,2	8.2	8,0
10	\$7-20.7N 170-09.5W	OVE /RAIN	-	290	18	5	/		8.6	987.4		8.2
11	57.20.0 N	ok/RAin	4	290	22	5	/		8.6	987.7		8.0
12	170-11.2 W	OVCIRAIN	3	295	18	45			8.1	987.3		8.0
13	57.16.5 N 170-11.6 W	ove/ L	5	270	20	3-4			7.8	988.0		8.5
14	57-12.3 N 170-04.6 W	OVE PC	10	250	15	2-3				988.2	<i>Q.</i> U	0.3
15	130-039 N	PC	10	280	15	2-3	_		7.8	988.2	10.3	5.0
16	54º 16.2 N	P/C	12+	244	13	2-3	346	3-4	7.8	9896		9.0
17	570 23.8 N 170005.7 W	P/C	12.	240	13	2-3	340	3	8.6	989.0		8.9
18	7°30,7 N			243	12	1-2	340	3	9.7	189,3		2.25
19	570 3713 N 169°5416 W			238		1-2	340	5	9.4	9900	16.0	0.5
20	57-47.7 N 169-44.2 W	ove	10	240	14	2-3	320	S		790.8		4.0
21	= :			- 40	t s	1						3,0
22		its.			W		15					
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24				W			-	1.			,	
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NOAA FORM 77-13d U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION DECK LOG - WEATHER OBSERVATION SHEET NOAA SHIP TIME ZONE SURVEYOR TUESDAY 195000093 1-8 WATER SEA LEVEL PRESSURE (mb) BILITY .M.) POSITION TEMPERATURE SEA WAVE HEIGHT (Ft.) WIND PRESENT TIME SWELL WAVES (Lat. and Long.) O_C ISIBI (N.M DIR. SPEED DIR. HEIGHT DRY WET (True) (Kts.) (True) (Ft.) BULB BULB 58.8 W P/C 01 12 160 8.8 14 300 1995.5 8-8 8.0 01.7 ~ 26.3 ~ P/C 02 12 3 -4 70 (-5 300 996.5 8.9 8.6 8,0 05.7N P/_ 40 12 03 -0 300 8.6 997. 8. 8.0 58° - 08.614 300 04 - 57.0% 130 104 16 4 9,0 977.5 ል 7,5 58° - 11.51 05 130 12 w7-48.0 0.0 lot 290 4-5 998,0 8,5 8.0 55 - 14.6' N 06 7/4 132 Ot 4-5 8,5 9.1 999 BiO 580-18.1 N 07 58° - 07.7N PL 2.9 127 9.2 090 8.0 10+998.8 580 08 050 167 - 14,9 w 10 130 14 **ル**ス 090 4-5 9.2 9,2 998.2 8.0 57-54.0N 167-12-8W OVC 09 10 22 2 110 50 03 4 997.9 9, 2 8.8 57 - 40.0N 10 D 090 67-10.7 W 10 ZĐ 2-3 4-5 9.5 120 997.Z 10. Z 9.0 N 5.35 - FZ W 3.80 - FA 11 P/C 10 **z**3 095 9.4 9965 9.0 57-06.7 N 12 57-00.3 N 018 20.Z 3-5 94 7955 9.5 13 PIC 167-03.6W 23Ø 3-5 995.B 150 3 9.5 9.1 10.5 45.6 N P/C 14 ZdS 050 10.6 **3-5** 150 993.0 28 11.5 29,9 N 15 9/6 035 166 126 55.5 W 17 3-5 3 150 /0.D 191.9 130 (1.8 18.5 N 56 16 PIC 18 3 <u> 990.5</u> 047 10t 66-534W (52) 10.0 56-07.4N 17 166-52.3W 7 10 635 20 4-6 989.017.7 090 10.1 11.0 R 18 166°50.1 W 20 Z-3 10 4-6 986.2 oı S 1 Z.O 0. 10,5 66°470 W P/ 26 Z-3 345 10 5-8 020 984. S O₁ S 35-28.8 44.0 20 Ġ OUC 030 25 9.5 983.-1 045 35 - 18.3 6 10.4 9.0 21 166 - 42,7 u W 11 RAIN 025 スフ 050 5-1 9.1 9.9 9.0 981.9 22 10 30 5 9.3 015 166-41.1W RAIN 050 9.9 9.0 23 24 REMARKS SUNRISE: 08:42 UNSET: 2111

SUNSET: 2111

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