

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

DAY

DATE

TIME ZONE

WILLIAM FREEMAN

TUESDAY

07 FEB 85

+8

TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIND		SEA WAVE HEIGHT (Ft.)	SWELL WAVES		SEA WATER TEMP. °C	SEA LEVEL PRESSURE (mb)	TEMPERATURE °C	
				DIR. (True)	SPEED (Kts.)		DIR. (True)	HEIGHT (Ft.)			DRY BULB	WET BULB
01												12.5
02												
03												
04												
05												
06												
07												
08												
09												
10												
11												
12	47°40.1' N 122°28.6' W	PC	15	000	14.0	1	010	1	8.3	1023.3	14.8	12.2
13	47°35.3' N 122°21.2' W	C	15	000	15	1	010	1	8.0	1022.5	13.8	10.0
14	47°35.3' N 122°21.2' W	C	15	010	13	1	010	1	8.4	1022.0	13.7	9.9
15	47°35.3' N 122°21.2' W	C	15	010	10	1	010	1	8.7	1021.8	13.5	9.8
16	47°35.3' N 122°21.2' W	C	15	010	12	1	010	1	8.6	1021.9	13.5	9.8
17	47°40.1' N 122°27.3' W	C	15	010	16	1	010	1	8.3	1020.9	12.0	7.9
18	47°41.5' N 122°25.7' W	C	12	025	15	2	—	—	8.1	1020.5	11.2	8.3
19	47°43.7' N 122°25.2' W	C	12	025	15	2	—	—	8.1	1020.1	11.2	8.1
20	47°43.80 122°24.97	C	12	028	15	2	010	—	8.45	1020.2 1020.0	10.1	9.0
21	47°42.55 122°25.65	C	12	000	15	2	010	2	8.45	1021.0	11.3	8.5
22	47°41.04 122°25.43	C	12	000	15	1	010	—		1021.0	11.9	8.5
23	47°43.7' N 122°24.5' W	C	12	350	14	1	—	—	8.6	1022.0	11.3	8.5
24	47°44.0' N 122°25.2' W	C	12	005	12	1	—	—	8.3	1022.0	11.3	8.5

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	WEDNESDAY	2-8-95	+8

TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIND		SEA WAVE HEIGHT (Ft.)	SWELL WAVES		SEA WATER TEMP. °C	SEA LEVEL PRESSURE (mb)	TEMPERATURE °C	
				DIR. (True)	SPEED (Kts.)		DIR. (True)	HEIGHT (Ft.)			DRY BULB	WET BULB
01	47° 45.0 N 122° 26.5 W	C	14	010	14	1	010	1	8.4	1022.1	11.7	7.7
02	47° 57.8 N 122° 34.0 W	C	14	015	16	1-2	/	/	8.4	1023.0	11.3	7.8
03	47° 07.5 N 122° 38.4 W	C	14	305	12	1	/	/	8.4	1024.0	10.0	7.3
04	48° 11.0 N 122° 45.9 W	C	18	300	10	1	—	—	8.3	1023.9	9.9	7.2
05	48° 25.5 N 122° 44.3 W	C	18	175	5	1	—	—	8.0	1024.1	9.8	7.5
06	48° 32.9 N 122° 45.0 W	C	18	025	10	1	—	—	7.8	1024.3	11.0	7.0
07	48° 42.6 N 122° 43.7 W	C	12	015	10	1	—	—	7.6	1025.0	9.0	7.0
08	48° 51.32 N 122° 59.93 W	C	12	030	10	—	—	—	7.5	1026.0	8.2	7.4
09	49° 00.61 N 123° 14.97 W	C	12	020	5	—	—	—	7.4	1027.0	7.8	7.8
10	49° 10.2 N 123° 29.8 W	C	12	010	2	—	—	—	7.2	1027.0	8.8	7.5
11	49° 18.68 N 123° 43.63 W	C	12	010	2	—	—	—	7.3	1027.2	9.3	7.8
12	49° 23.0 N 124° 07.5 W	PC	10	335	06	<1	/	/	7.4	1027.2	11.7	9.2
13	49° 27.2 N 124° 24.1 W	PC	10	340	06	<1	—	—	—	1026.8	12.6	10.2
14	49° 35.8 N 124° 35.8 W	PC	11	085	05	<1	/	/	7.9	1026.0	15.9	11.6
15	49° 44.4 N 124° 49.5 W	PC	11	Light + variable	—	<1	/	/	7.4	1026.0	12.3	7.7
16	49° 53.5 N 125° 02.7 W	PC	12	Light + variable	05	<1	/	/	7.8	1026.0	8.9	7.0
17	50° 02.3 N 125° 13.9 W	PC	12	120	06	<1	—	—	7.8	1026.7	9.9	7.6
18	50° 12.7 N 125° 22.3 W	PC	12	VAR	LHT	<1	—	—	8.1	1026.0	9.0	7.0
19	50° 19.2 N 125° 25.4 W	C	12	025	10	<1	—	—	8.1	1026.0	9.8	7.2
20	50° 32.36 N 125° 43.30 W	C	12	018	LHT	—	—	—	—	1026.5	9.2	7.5
21	50° 35.61 N 125° 58.00 W	C	12	030	05	—	—	—	7.6	1028.5	8.0	7.0
22	50° 50.00 N 126° 17.10 W	C	12	285	10	—	—	—	7.5	1026.8	7.2	6.5
23	50° 50.57 N 126° 35.72 W	C	12	VAR	LHT	—	—	—	7.4	1027.0	7.2	6.0
24	50° 38.3 N 126° 47.9 W	C	14	LT + VAR	—	/	/	/	7.5	1027.4	7.0	6.0

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

THURSDAY

DATE

09 FEB 95

TIME ZONE

+8

TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIND		SEA WAVE HEIGHT (Ft.)	SWELL WAVES		SEA WATER TEMP. °C	SEA LEVEL PRESSURE (mb)	TEMPERATURE °C	
				DIR. (True)	SPEED (Kts.)		DIR. (True)	HEIGHT (Ft.)			DRY BULB	WET BULB
01	50 44.3 N 127 06.6 W	C	15	035	04	/	/	/	7.5	1027.2	7.8	5.8
02	50 48.5 N 127 25.2 W	C	15	035	04	/	/	/	7.3	1027.2	7.8	6.7
03	50 55.4 N 127 47.1 W	PC	12+	305	08	2	/	/	7.5	1027.2	8.2	8.0
04	51 05.4 N 127 48.9 W	PC	12	340	06	2	260	3	7.4	1028.8	7.0	6.8
05	51 17.3 N 127 54.4 W	PC	12	085	05	1	280	2	7.3	1027.5	7.2	6.2
06	51 28.0 N 127 50.0 W	C	12	045	04	>-	-	-	6.7	1028.0	5.1	4.9
07	51 30.53 N 127 50.33 W	C	12	064	12.5	/	/	/	6.7	1027.9	6.0	5.0
08	51 33 89 127 50 33	PC	12	015	CALM	-	-	-	6.5	1027.8	7.0	5.2
09	51 32 43 127 50 33	PC	12	015	04	-	-	-	6.4	1028.2	5.8	4.8
10	51 06 00 128 08 00	Foggy	0	CALM	CALM	-	-	-	6.5	1029.2	4.8	4.5
11	52 12 18 128 14 29	CL	5	010	03	-	-	-	6.7	1029.5	6.0	5.3
12	52 15.3 N 128 21.0 W	CL	8	035	04	1	230	2	6.5	1029.8	5.8	5.3
13	52 35.7 N 128 28.9 W	CL	12	015	08	-	-	-	6.6	1029.0	7.5	6.2
14	52 43.8 N 128 33.3 W	CL	12	LIGHT & VARIABLE		/	/	/	6.5	1028.9	7.9	6.2
15	52 54.66 N 128 30.84 W	CL	12	LIGHT & VARIABLE		-	-	-	6.4	1028.9	7.8	6.1
16	53 08.7 N 128 36.4 W	PC	12	020	09	-	-	-	6.4	1029.0	7.0	5.9
17	53 15.0 N 128 49.9 W	PC	12	025	08	-	-	-	6.2	1028.5	6.2	5.1
18	53 17.9 N 129 07.5 W	PC	12	055	02	-	-	-	6.2	1028.9	6.2	5.0
19	53 25.8 N 129 26.0 W	PC	12	075	06	-	-	-	6.2	1028.2	6.9	6.0
20	53 34 34 129 32 04	PC	12	074	Light	-	-	-	-	1028.7	6.2	5.8
21	53 45 56 129 53 20	CL	10	000	08	-	-	-	6.5	1029.0	7.0	6.0
22	54 02 15 130 14 25	PC	10	095	Light	-	-	-	6.3	1028.8	5.5	4.8
23												
24												

REMARKS

1200 LEAVING MILBANK SOUND

1500-1815 temp dropped 10°C

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

FRIDAY

DATE

10 FEB 95

TIME ZONE

+8

TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIND		SEA WAVE HEIGHT (Ft.)	SWELL WAVES		SEA WATER TEMP. (°C)	SEA LEVEL PRESSURE (mb)	TEMPERATURE (°C)	
				DIR. (True)	SPEED (Kts.)		DIR. (True)	HEIGHT (Ft.)			DRY BULB	WET BULB
01												
02	51° 13.3' N 130° 23.2' W	CL	7	LIGHT	VAR				6.0	1028.8	4.6	4.1
03	54° 11.6' N 130° 43.6' W	CL	6	090	08	1			6.8	1027.7	5.9	5.0
04	54° 20.9' N 131° 07.6' W	CL	8	030	07	1	280	3	7.0	1028.1	6.9	6.0
05	54° 23.2' N 131° 23.5' W	CL	8	350	06	1	280	3	6.3	1027.6	7.0	6.0
06	54° 25.5' N 131° 40.5' W	CL	8	040	06	1	280	3	6.3	1027.0	7.0	5.9
07	54° 27.9' N 132° 01.2' W	CL/F	8	VAR 005	LIGHT	+	280	2	6.1	1026.8	7.0	6.0
08	54° 31' 93N 132° 24' 56W	CL/F	2	CALM	LIGHT	—	280	3	6.4	1026.8	6.0	5.6
09	54° 35' 94N 132° 42' 57W	L	3	078	LIGHT		270	3	6.4	1026.2	7.0	6.4
10	54° 36.63N 133° 01.4W	L	3	340	7	1	270	3	6.4	1025.8	8.2	6.7
11	54° 39' 87N 133° 20' 46W	L	3	053	5	1	270	3	6.5	1026.0	7.2	6.7
12	54° 43.3' N 133° 42.2' W	L	3	330	08	1	265	3	7.0	1025.9	7.8	7.1
13	54° 46.7' N 134° 01.0' W	CL	3	330	09	1	250	6	6.1	1025.8	8.0	7.3
14	54° 50.2' N 134° 22.4' W	CL	6	350	13	1	245	6	7.6	1025.8	8.6	7.7
15	54° 53.8' N 134° 43.2' W	L	2	350	20	2.3	250	6	7.8	1025.8	8.0	7.2
16	54° 57.1' N 135° 07.5' W	CL/L	8.3	335	18	2	285 240	2	6.3	1026.3	7.8	7.0
17	55° 00.4' N 135° 22.8' W	PC/L	4	350	18	3	270	6	6.5	1026.9	7.0	6.8
18	55° 04.4' N 135° 46.1' W	PC	4	330	18	3	270	6	6.6	1027.8	6.2	6.0
19	55° 05.7' N 135° 54.9' W	PC	4	345	19	2	270	5	6.6	1027.2	6.2	6.0
20	55° 09' 28 136° 18' 82	CL	4	335	15	2	270	5	6.2	1027.6	6.0	5.0
21	55° 12' 37 136° 34' 58	CL	6	355	14	2	270	5	6.1	1027.6	6.0	5.0
22	55° 16' 38 136° 58' 67	CL	6	355	15	2	270	5	6.1	1028.0	6.0	5.0
23	55° 18' 80 137° 19' 92	CL	6	335	16	2	270	5	6.1	1029.0	6.0	5.0
24	55° 21.5' N 137° 30.3' W	L	5	000	17	2	280	5	6.1	1029.4	5.4	4.6

REMARKS

2300 - CHOD - MANUEVERING AND HAVE TO LAUNCHING MUM/SEN TO LEAVE
SCIENTISTS IN PRINCE RUPERT B.C.

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP MILLER FREEMAN	DAY SATURDAY	DATE 11 FEB 95	TIME ZONE +8/19
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TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIND		SEA WAVE HEIGHT (Ft.)	SWELL WAVES		SEA WATER TEMP. (°C)	SEA LEVEL PRESSURE (mb)	TEMPERATURE (°C)	
				DIR. (True)	SPEED (Kts.)		DIR. (True)	HEIGHT (Ft.)			DRY BULB	WET BULB
01	55° 24.4 N 137° 46.7 W	CL	5	355	17	2-3	275	5	6.0	1029.4	5.4	4.8
* 02	55° 27.2 N 138° 01.7 W	CL	6	000	17	2-3 ft	280	5	6.0	1030.2	5.7	4.7
03	55° 32.0 N 138° 40.2 W	CL	2	000	18	2	280	5	5.9	1030.9	5.5	4.9
04	55° 36.0 N 138° 58.5 W	CL	4	005	17	2	280	5	5.2	1031.3	5.2	4.5
05	55° 39.2 N 139° 17.2 W	PC	6	020	20	2	280	5	5.0	1031.0	5.1	4.5
06	55° 42.2 N 139° 35.3 W	PC	6	010	16	2	280	5	5.0	1031.3	5.0	4.5
07	55° 47.7 N 139° 57.4 W	CL	8	030	12	1	300	4	5.1	1032.0	5.0	4.8
08	55° 48.7 N 140° 16.6 W	CL	10	010	12	1	300	4	5.2	1032.2	4.6	3.8
09	55° 51.6 N 140° 33.9 W	CL	10	020	9	1	300	4	4.7	1032.3	5.2	4.2
10	55° 55.07 N 140° 54.8 W	PC	12	359	9	1	300	4	4.9	1033.0	5.9	4.8
11	55° 58.58 N 141° 15.91 W	PC	12	358	8	1	300	4	4.9	1033.5	5.0	4.8
12	56° 01.3 N 141° 32.4 W	CL	12	015	11	1	310	4	4.9	1033.2	6.8	5.5
13	56° 04.8 N 141° 54.5 W	PC	12	340	10	1	310	3	4.8	1033.3	5.5	4.5
14	56° 07.3 N 142° 20.6 W	PC	14	005	09	1	310	3		1033.8	8.3	7.7
15	56° 12.0 N 142° 44.5 W	PC	15	005	10	1	310	3		1033.5	5.6	4.8
16	56° 16.6 N 143° 06.1 W	PC	12	035	10	1	310	3		1034.0	8.8	7.8
17	56° 19.9 N 143° 26.1 W	PC	12	035	08	1	310	2		1034.0	5.5	4.5
18	56° 23. N 143° 8.1 W	CL	8	055	11	1	300	2	4.8	1034.2	5.5	4.5
19	56° 25.7 N 144° 00.2 W	CL	10	060	12	1	300	2	4.8	1034.5	6.5	5.5
20	56° 29.44 N 144° 22.78 W	CL	10	070	07	1	310	2	4.7	1035.0	5.7	5.45
21	56° 33.80 N 144° 50.29 W	CL	10	070	12	1	310	2	4.7	1035.0	5.6	5.0
22	56° 35.89 N 145° 03.72 W	CL	10	110	8	1	310	2	4.7	1035.0	5.5	4.8
23	56° 39.34 N 145° 35.03 W	CL	10	085	10	1	310	2	4.5	1035.0	4.0	3.7
24	56° 43.5 N 145° 50.6 W	CL	8	120	13	1	250	2	4.5	1035.1	3.8	3.3

REMARKS
* 0200 55° 30.7 N 138° 26.5 W CL 355 17 3 290 5 5.9 1030.5 5.8 4.8
clocks TURNED BACK from 0200 to 0100 so we added a second 0200 Reading
(which is "*")

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	SUNDAY	12 FEB 95	+9

TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIND		SEA WAVE HEIGHT (Ft.)	SWELL WAVES		SEA WATER TEMP. (°C)	SEA LEVEL PRESSURE (mb)	TEMPERATURE °C	
				DIR. (True)	SPEED (Kts.)		DIR. (True)	HEIGHT (Ft.)			DRY BULB	WET BULB
01	56 47.1 N 146 13.4 W	CL	9	125	10	1	confuse	2	4.4	1035.2	4.0	3.6
02	56 51.2 N 146 39.3 W	PC	12	130	11	1	040	2	4.0	1035.2	4.3	3.9
03	56 54.5 N 147 00.0 W	PC	12	125	09	1	270	3	4.0	1035.2	4.2	3.9
04	56 59.1 N 147 28.9 W	F	1/8	145	04	21	270	3	4.0	1035.2	1.5	1.5
05	57 02.8 N 147 52.1 W	F	2	125	04	21	270	1	4.2	1035.0	1.2	1.0
06	57 06.7 N 148 16.6 W	F	3	140	06	21	270	1	4.2	1035.0	1.1	1.0
07	57 11.1 N 148 44.4 W	F	8	145	08	21	190	1	4.1	1034.1	1.1	1.0
08	57 14.53 N 149 05 68 W	F	2	075	08	21	190	1	4.1	1034.0	1.5	1.0
09	57 19 06 N 149 37.2 W	F	1/4	075	05	21	190	1	-	1033.6	020	1.8
10	57 22.59 N 149 52.34 W	F	1/2	085	06	21	190	2	-	1033.6	3.2	2.8
11	57 26.40 N 150 22 05 W	F	1	050	05	21	190	2	-	1032.5	4.0	3.2
12	57 29.1 N 150 38.5 W	H	1	160	10	21	195	2-3	-	1037.2	3.8	3.5
13	57 32.36 N 151 00.96 W	CL	9	160	6	21	180	2-3	-	1031.5	3.8	3.2
14	57 36.3 N 151 21.7 W	CL	10	170	11	1	170	3	4.1	1030.9	4.0	3.4
15	57 38.5 N 151 42.0	PC	12	175	09	1	190	3	04.1	1030.1	3.7	3.2
16	57 42.4 N 152 03.2 W	PC	12	210	04	1	070	2	3.8	1029.2	3.9	3.0
17	57 44.6 N 152 27.2 W	PC	12	350	07	1	-	-	3.6	1028.7	4.9	3.8
18	57 45 15 N 152 30 97 W	CL	8	CALM	CALM	0	-	-	5.1	1027.2	5.5	4.8
19	At Port.											
20	57 43 75 N 152 30 97 W	CL	8	CALM	CALM	0	-	-	5.1	1027.2	5.5	4.8
21												
22												
23												
24	57 43.5 N 152 31.5 W	CL	10	CALM	CALM	0	-	-	3.8	1025.2	4.7	3.9

REMARKS

1700 - ENTERED WOMEN'S BAY KODIAK, AK

2000 Security Rounds made gangplank & mooring
lines checked. - all OK2100 Security Rounds made. Lines & gangplank
checked. Tide is starting to flood. all OK

2200 Security rounds made - all OK.

2300 Security rounds made all OK.

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

DAY

DATE

TIME ZONE

MILLER FREEMAN 2223

MON

13 FEB 95

+9

TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIND		SEA WAVE HEIGHT (Ft.)	SWELL WAVES		SEA WATER TEMP. °C	SEA LEVEL PRESSURE (mb)	TEMPERATURE °C	
				DIR. (True)	SPEED (Kts.)		DIR. (True)	HEIGHT (Ft.)			DRY BULB	WET BULB
01	57° 42.7 N 152° 10.8 W	CL	10	285	6	1<	146	2	3.8	1023.8	4.9	4.0
02	57° 33.9 N 152° 05.6 W	CL	10	353	6.5	1<	200	3	3.8	1022.9	4.5	3.9
03	57° 25.7 N 152° 08.4 W	CL	10	315	5	<1	200	3	3.8	1022.0	5.0	4.5
04	57° 20.51 N 152° 17.71 W	CL	12	295	6	<1	210	3	3.8	1021.5	5.0	4.5
05	57° 19.32 N 152° 22.51 W	CL	12	VAR	LT	<1	210	2	4.1	1021.2	4.5	4.0
06	57° 24.42 N 152° 26.55 W	CL	12	VAR	LT	<1	—	—	3.5	1018.9	5.0	4.5
07	57° 26.42 N 152° 41.15 W	CL	12	VAR	LT	<1	—	—	3.6	1018.0	4.0	3.5
08	57° 29.41 N 152° 31.11 W	CL	10	290	12	<1	—	—	3.6	1016.8	4.8	3.7
09	57° 29.52 N 152° 51.27 W	PC	12	300	8	1/2 ft.	—	—	3.6	1016.5	5.8	4.5
10	57° 29.52 N 152° 51.54 W	PC	12	330	10 1/2	1	—	1	3.7	1015.5	5.0	7.0
11	57° 29.54 N 152° 51.58 W	PC	12	305	10	1	—	1	4.09	1015.	7.5	4.9
12	57° 29.5 N 152° 51.5 W	PC	12	300	08	<1	—	—	4.9	1014.9	7.5	4.8
13	57° 29.5 N 152° 51.5 W	PC	12	0	10	<1	—	—	3.8	1014.9	5.9	2.1
14	57° 29.5 N 152° 51.5 W	PC	12	330	2	<1	—	—	4.2	1014.9	5.8	2.1
15	57° 29.5 N 152° 51.5 W	PC	12	350	4	<1	—	—	4.5	1014.9	5.9	2.5
16	57° 29.54 N 152° 51.66 W	CLC	12	340	3	<1	—	—	4.9	1014.9	5.9	2.5
17	57° 29.54 N 152° 51.62 W	C	12	270	2	<1	—	—	4.8	1014.5	7.1	4.9
18	57° 29.5 N 152° 51.6 W	PC	12	320	7	<1	—	—	3.8	1014.5	6.2	3.0
19	57° 28.9 N 152° 48.9 W	PC	12	295	8	<1	—	—	3.6	1014.9	5.3	2.3
20	57° 23.57 N 152° 32.60 W	C	12	240	11	2	240	2	3.9	1014.9	3.5	1.0
21	57° 04.73 N 152° 48.97 W	C	12	320	14	2	320	2	4.0	1013.9	4.9	2.0
22	56° 7 N 153° 01.2 W	C	12	004	16	2	320	2	3.9	1013.5	4.8	2.1
23	56° 7 N 153° 01.6	C	12	015	10	2	175	3	3.6	1013.9	4.9	2.5
24	56° 50.7 N 153° 10.8 W	C	12	30	10	1	270	3	3.8	1014.5	4.2	2.2

REMARKS

0300 made ROUNDS all OK

0600 ENTERED UGAK BAY

1800 LEFT UGAK BAY

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN R223	TUES	14 FEB 95	+9

TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIND		SEA WAVE HEIGHT (Ft.)	SWELL WAVES		SEA WATER TEMP. °C	SEA LEVEL PRESSURE (mb)	TEMPERATURE °C	
				DIR. (True)	SPEED (Kts.)		DIR. (True)	HEIGHT (Ft.)			DRY BULB	WET BULB
01	56° 38.6' N 153° 28.7' W	C	12	30	12	1	270	3	3.7	1015.5	4.5	2.3
02	56° 31.2' N 153° 43.5' W	C	12	30	12	1	270	3	3.6	1015.9	4.1	2.4
03	56° 25.9' N 153° 54.4' W	C	12	20	10	1	270	3	3.2	1016.1	4.2	2.5
04	56° 14.93' N 154° 18.61' W	C	12	20	18	2	280	3	4.4	1017.1	4.5	2.1
05	56° 09.51' N 154° 34.88' W	C	12	10	16	1	280	3	4.5	1017.9	4.5	2.1
06	56° 00.01' N 154° 48.31' W	C	12	035	18	3	265	3	4.4	1018.0	4.0	2.0
07	55° 59.147' N 155° 06.87' W	C	12	032	24	3	270	3	4.6	1019.0	3.9	1.8
08	55° 42.41' N 155° 25.1' W	C	12	040	24	3	300	3	3.8	1018.9	3.5	1.5
09	55° 37.1' N 155° 24.1' W	C	12	040	18	3	300	3	4.8	1019.0	3.5	1.8
10	55° 32.60' N 156° 00.69' W	C	12	045	18	3	030	3	4.8	1019.5	5.1	3.3
11	55° 28.52' N 156° 19.24' W	PC	12	055	18	2	030	4	3.6	1019.9	3.2	1.0
12	55° 26.1' N 156° 29.6' W	PC	12	055	20	2	030	4	3.6	1019.9	3.2	1.0
13	55° 20.9' N 156° 54.2' W	PC	12	060	15	3	020	4	3.7	1019.8	4.0	1.5
14	55° 15.7' N 157° 13.1' W	PC	12	065	14	2	030	3	3.7	1019.8	4.2	1.2
15	55° 11.5' N 157° 28.4' N	PC	12	070	22	2	060	3-4	3.8	1019.5	3.7	1.5
16	55° 06.59' N 157° 48.09' W	PC	12	045	16	2	100	4	3.7	1019.8	4.9	2.5
17	55° 01.84' N 158° 07.31' W	PC	12	045	13	2	100	3	3.7	1019.8	6.5	3.8
18	54° 57.09' N 158° 25.31' W	PC	12	040	13	1	090	2	3.3	1019.5	5.1	3.0
19	54° 53.02' N 158° 41.06' W	PC	12	020	14	1	080	2	3.3	1019.3	5.0	2.9
20	54° 59.88' N 158° 41.31' W	C	12	090	10	3	060	3-4	2.9	1018.5	3.1	1.9
21	54° 57.21' N 158° 44.38' W	C	12	040	10	2	080	3	3.0	1018.5	3.2	1.7
22	54° 59.69' N 158° 40.71' W	C	12	075	10	2	080	3	3.0	1018.2	3.2	1.9
23	55° 01.59' N 158° 39.91' W	C	12	045	7	2	080	3	3.2	1018.0	2.5	1.5
24	55° 05.4' N 158° 37.9' W	C	12	180	8	1	080	3	3.1	1017.9	2.4	1.0

REMARKS

1815 - SNOW SQUALL - NOTE IN 0600 UTC B16 WX

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN-R223

DAY

WEDNESDAY
15th

DATE

15 FEB 95

TIME ZONE

+9

TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIND		SEA WAVE HEIGHT (Ft.)	SWELL WAVES		SEA WATER TEMP. (°C)	SEA LEVEL PRESSURE (mb)	TEMPERATURE (°C)	
				DIR. (True)	SPEED (Kts.)		DIR. (True)	HEIGHT (Ft.)			DRY BULB	WET BULB
01	55° 04.7' N 158° 44.6' W	C	12	10	8	<1	170	5	3.1	1017.4	1.6	0.1
02	55° 05.7' N 158° 46.9' W	PC	12	LT/VAR		<1	170	5	3.0	1017.0	3.3	0.5
03	55° 08.5' N 158° 45.2' W	PC	12	12	03	<1	170	5	2.9	1016.9	2.4	1.1
04	55° 08.4' N 158° 45.2' W	PC	12	LT/VAR		<1	170	4	2.9	1016.0	2.2	1.0
05	55° 05.2' N 158° 45.8' W	PC	12	LT/VAR	2	<1	170	4	3.0	1015.4	2.3	0.9
06	55° 06.7' N 158° 45.92' W	C	12	VAR	LT	<1	170	4	3.0	1015.1	1.9	0.4
07	55° 04.7' N 158° 43.70' W	C	12	VAR	LT	<1	160	4	2.9	1014.5	1.8	0.5
08	55° 03.33' N 158° 57.65' W	C	12	040	8	<1	120	3	2.8	1014.1	2.0	0.5
09	55° 15.30' N 158° 50.28' W	C	12	080	10	<1	120	3	2.7	1013.9	2.0	0.2
10	55° 21.84' N 158° 49.88' W	C	12	040	18	<2	020	3	3.0	1013.9	3.1	1.5
11	55° 15.00' N 158° 59.72' W	C	12	225	16	<2	050	2.3	2.8	1014.0	4.0	1.5
12	55° 04.2' N 159° 06.3' W	C	12	60	14	1	060	3	2.7	1013.9	3.2	0.9
13	55° 07.8' N 159° 13.3' W	PC	12	65	18	2	080	5	2.7	1013.3	3.9	1.8
14	55° 16.1' N 159° 08.5' W	PC	12	090	36	2	060	5	2.9	1012.0	3.3	1.1
15	55° 23.4' N 159° 07.1' W	PC	12	090	34	6	060	0	3.2	1012.5	3.1	1.3
16	55° 16.67' N 159° 00.8' W	PC	12	080	32	6	—	—	3.1	1013.1	1.5	-0.5
17	55° 15.81' N 158° 59.92' W	PC	12	065	25	6-8	—	—	3.0	1014.1	1.9	-0.9
18	55° 16.8' N 158° 58.72' W	PC	12	065	20	6-8	—	—	3.0	1014.5	1.5	-0.5
19	55° 15.40' N 158° 58.46' W	PC	11	096	26	6-8	—	—	2.9	1016.0	1.8	0.0
20	55° 20.38' N 159° 04.50' W	CL	5-6	085	24	6-8	—	—	3.2	1015.5	2.0	0.0
21	55° 27.73' N 159° 01.8' W	CL	6	080	24	6-8	—	—	3.0	1016.0	1.5	0.2
22	55° 34.34' N 159° 06.66' W	CL	6	049	22	6-8	—	—	2.8	1016.0	3.1	0.2
23	55° 27.56' N 159° 11.12' W	CL	6	045	27	6-8	—	—	3.1	1016.0	1.0	-0.8
24	55° 20.7' N 159° 15.1' W	PC	8	070	26	6-8	—	—	3.1	1017.2	1.1	0.2

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN R223

DAY

THURSDAY

DATE

16 FEB 95

TIME ZONE

+9

TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIND		SEA WAVE HEIGHT (Ft.)	SWELL WAVES		SEA WATER TEMP. °C	SEA LEVEL PRESSURE (mb)	TEMPERATURE °C	
				DIR. (True)	SPEED (Kts.)		DIR. (True)	HEIGHT (Ft.)			DRY BULB	WET BULB
01	55° 17.1 N 159° 26.3 W	PC	10	060	24	6-8	—	—	2.6	1016.8	1.7	0.1
02	55° 18.6 N 159° 27.2 W	CL	10	045	22	10	—	—	2.7	1017.2	1.3	0.3
03	55° 18.6 N 159° 26.0 W	CL	10	060	27	10	—	—	2.7	1016.9	2.0	0.5
04	55° 20.4 N 159° 22.8 W	CL	8	060	25	8-10	—	—	2.7	1017.0	2.0	0.0
05	55° 25.33 N 159° 20.60 W	CL	10	080	26	8-10	—	—	3.0	1017.5	1.0	-0.5
06	55° 31.63 N 159° 17.77 W	CL	10	075	18	8-10	—	—	3.1	1018.0	1.0	-1.0
07	55° 35.22 N 159° 25.05 W	PC	12	045	14	6-8	—	—	2.8	1018.0	1.5	-0.5
08	55° 24.74 N 159° 31.07 W	PC	08	045	18	3-5	—	—	2.9	1018.5	0.5	-0.9
09	55° 14.31 N 159° 37.40 W	PC	08	042	20	3-5	220	3-5	2.8	1018.5	0.2	-0.5
10	55° 15.17 N 159° 37.27 W	PC	12	060	23	3-5	040	4-6	2.8	1018.2	0.8	0.1
11	55° 15.89 N 159° 38.88 W	PC	12	050	17	3-5	235	5-6	2.7	1018.5	1.5	0.0
12	55° 15.7 N 159° 37.4 W	CLSN	10	060	20	3-5	—	—	2.7	1018.3	0.5	-1.0
13	55° 11.6 N 159° 44.7 W	CL PC	12	075	14	3-5	—	—	2.7	1018.0	1.5	0.0
14	55° 27.1 N 159° 38.9 W	PC	12	075	14	3-5	—	—	2.8	1017.9	1.9	-0.3
15	55° 32.7 N 159° 44.3 W	PC	12	060	14	3	—	—	2.6	1017.0	1.9	0.3
16	55° 26.5 N 159° 50.6 W	PC	12	070	5	3	080	3-5	3.0	1016.2	1.2	-1.2
17	55° 27.20 N 159° 48.07 W	PC	12	050	5	2-3	080	4-5	3.1	1015.9	1.1	-1.7
18	55° 26.86 N 159° 44.55 W	PC	12	055	5	3	080	4	3.0	1015.1	1.0	0.0
19	55° 21.06 N 159° 56.49 W	PC	12	005	12	2	090	4	2.4	1014.8	1.2	-1.0
20	55° 23.95 N 160° 01.85 W	PC	12	318	10	2	090	4-5	2.5	1014.5	0.0	-1.5
21	55° 25.8 N 160° 01.27 W	C	12	350	8	2	120	3-4	2.5	1013.5	0.5	-0.9
22	55° 29.04 N 160° 15.23 W	C	12	005	16	3	120	3-4	2.5	1012.9	0.0	-0.9
23												
24	55° 26.9 N 160° 34.7 W	PC	12	1010	18	2-3	—	—	2.2	1012.0	0.5	-0.0

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	FRIDAY	17 FEB 95	+9

TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIND		SEA WAVE HEIGHT (Ft.)	SWELL WAVES		SEA WATER TEMP. (°C)	SEA LEVEL PRESSURE (mb)	TEMPERATURE °C	
				DIR. (True)	SPEED (Kts.)		DIR. (True)	HEIGHT (Ft.)			DRY BULB	WET BULB
01	55° 27.3 N 160° 33.6 W	C	12	010	20	1-2	/	/	2.3	1010.3	-1.3	-0.7
02	55° 29.6 N 160° 36.7 W	C	12	010	15	1-2	/	/	2.2	1010.5	-1.3	-1.5
03	55° 26.5 N 160° 46.5 W	PC	12	340	8	<1	/	/	2.4	1010.5	-0.3	-0.7
04	55° 23.78 N 160° 55.40 W	C	12	355	20	<1	/	/	2.3	1010.3	-0.5	-1.0
05	55° 27.49 N 160° 57.69 W	C	12	025	12	1-2	/	/	2.3	1008.5	-1.5	-2.0
06	55° 29.60 N 160° 40.0 W	C	12	010	15	1	/	/	2.3	1008.0	-1.0	-1.0
07	55° 23.34 N 160° 27.36 W	C	12	335	12	1	/	/	2.3	1008.0	-1.0	-1.0
08	55° 27.60 N 160° 31.77 W	C	12	355	18	1-2	140	2-3	2.2	1007.0	-0.0	-0.0
09	55° 27.24 N 160° 28.05 W	C	12	313	6	1-2	/	2-3	/	1006.8	-1.0	-1.0
10	55° 29.01 N 160° 27.17 W	C	12	335	10	1-2	150	2-3	/	1016.	-0.0	+1.0
11	55° 27.28 N 160° 31.99 W	C	12	025	14	2-3	/	/	/	1005.5	-0.0	-0.0
12	55° 30.3 N 160° 18.1 W	PC	12	345	18	1	/	/	2.2	1004.1	-0.8	-2.5
13	55° 27.6 N 159° 59.3 W	PC	12	310	18	2	/	/	2.5	1003.9	+0.1	-1.5
14	55° 29.8 N 160° 02.3 W	PC	12	355	11	2	280	4	2.4	1004.1	6.2	2.7
15	55° 31.6 N 160° 13.1 W	PC	12	240	22	3-4	320	/	2.5	1002.9	-0.2	-2.9
16	55° 33.42 N 160° 15.37 N	PC	12	335	22	4	/	/	2.3	1001.8	-1.5	-3.0
17	55° 32.00 N 160° 06.71 W	PC	12	335	30	4	/	/	2.3	1001.5	-2.5	-2.0
18	55° 33.73 N 160° 07.40 W	PC	8	335	25	4	/	/	2.3	1002.0	-0.5	-2.1
19	55° 32.00 N 160° 00.02 W	PC	8	325	8	3	/	/	2.4	1002.7	-2.0	-3.0
20	55° 33.39 N 159° 57.20 W	PC	8	325	20	3	/	/	2.5	1001.5	-2.0	-2.5
21	55° 36.00 N 160° 05.60 W	C	12	320	16	3	/	/	2.3	1001.5	-2.5	-3.0
22	55° 36.12 N 160° 01.00 W	C	12	320	16	3	/	/	2.3	1001.0	-2.5	-3.0
23	55° 34.88 N 159° 46.20 W	C	12	295	16	3	/	/	2.4	1000.0	-4.0	-4.0
24	55° 38.3 N 160° 02.4 W	PC	12	035	24	2	/	/	2.4	999.2	-3.9	-4.0

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

SAT

DATE

18 FEB 95

TIME ZONE

+9

TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIND		SEA WAVE HEIGHT (Ft.)	SWELL WAVES		SEA WATER TEMP. (°C)	SEA LEVEL PRESSURE (mb)	TEMPERATURE °C	
				DIR. (True)	SPEED (Kts.)		DIR. (True)	HEIGHT (Ft.)			DRY BULB	WET BULB
01	55° 38.2' N 159° 42.4' W	PC	12	355	15	2	/	/	2.4	998.8	-4.0	-4.0
02	55° 41.2' N 159° 54.6' W	PC	12	20	20	2	/	/	2.3	998.5	-4.0	-4.0
03	55° 42.4' N 159° 48.3' W	PC	12	360	10	2	/	/	2.3	998.8	-6.0	-6.0
04	55° 38.30' N 159° 45.96' W	PC	12	040	12	2	/	/	2.4	998.0	-6.0	-6.0
05	55° 40.00' N 159° 48.00' W	PC	12	025	20	2	/	/	2.4	997.5	-6.0	-6.0
06	55° 44.46' N 159° 47.84' W	PC	12	035	20	3-4	/	/	2.4	997.5	-6.0	-6.0
07	55° 44.63' N 159° 16.20' W	PC	12	030	20	3-4	/	/	/	996.5	-7.0	-7.0
08	55° 46.18' N 159° 57.98' W	C	12	215	16	2	/	/	2.4	996.5	-8.0	-8.0
09	55° 47.83' N 159° 43.16' W	C	12	010	20	2-3	/	/	2.4	996.0	-8.0	-8.0
10	55° 45.05' N 159° 46.74' W	C	12	020	18	2-3	/	/	2.4	995.7	-7.2	-7.2
11	55° 47.67' N 159° 45.76' W	PC	12	045	12	2-3	/	/	1.9	995.6	-6.5	-6.5
12	55° 47.4' N 159° 45.6' W	PC	12	030	06	2-3	/	/	1.9	995.5	-5.5	-5.5
13	55° 39.9' N 159° 58.0' W	PC	12	320	20	2-3	/	/	2.3	995.5	-7.0	-7.5
14	55° 34.4' N 160° 06.8' W	PC	12	330	15	2-3	030	2-3	1.8	994.9	-4.8	-5.1
15	55° 35.4' N 160° 08.1' W	PC	12	320	18	2-3	030	2-3	1.8	993.5	-7.6	-7.5
16	55° 34.55' N 160° 16.24' W	C	12	325	15	3	/	/	1.8	993.0	-6.0	-6.0
17	55° 35.05' N 160° 06.35' W	C	12	320	20	2-3	/	/	1.8	993.8	-6.0	-7.0
18	55° 25.01' N 160° 03.85' W	C	12	325	20	2-3	/	/	1.8	994.0	-4.0	-4.0
19	55° 13.85' N 160° 58.89' W	C	12	325	14	2-3	/	/	/	994.2	-4.5	-4.5
20	55° 18.66' N 160° 15.15' W	C	12	350	20	2-3	/	/	/	994.2	-7.0	-7.0
21	55° 11.49' N 160° 08.42' W	C	12	345	24	2-3	/	/	/	994.5	-7.5	-7.5
22	55° 11.40' N 160° 20.38' W	C	12	350	30	3-4	/	/	/	994.2	-7.0	-7.0
23	55° 13.02' N 160° 27.67' W	C	12	345	24	3-4	/	/	/	994.4	-7.5	-7.5
24	55° 05.0' N 160° 16.9' W	PC	10	340	18	2	/	/	2.5	994.3	-7.8	-8.0

REMARKS

* WET BULB FOGD THROUGHOUT OBS PERIOD.

* Computer down for sea surface temp 1700-1900 etc.

* Computer down for sea surface temp for hrs. 2000-2400 SMC

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

SUNDAY

DATE

19 FEB 95

TIME ZONE

+9

TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIND		SEA WAVE HEIGHT (Ft.)	SWELL WAVES		SEA WATER TEMP. °C	SEA LEVEL PRESSURE (mb)	TEMPERATURE °C	
				DIR. (True)	SPEED (Kts.)		DIR. (True)	HEIGHT (Ft.)			DRY BULB	WET BULB
01	53 02.3 N 160 21.8 W	PC	11	340	28	2	35	2	2.6	994.2	-6.5	-6.5
02	53 02.9 N 160 23.3 W	PC	11	5	15	2	/	/	2.6	994.5	-7.0	-7.0
03	56 03.0 160 22.5	PC	10	005	15	2	/	/	1.9	994.3	-7.3	-7.3
04	56 05.44 N 160 22.46 W	PC	12	005	22	3	/	/	2.6	994.1	-8.0	-8.0
05	55 03.62 N 160 25.98 W	PC	12	006	16	1-2	/	/	2.4	994.9	-6.5	-6.5
06	54 58.67 N 160 25.38 W	PC	12	020	14	1-2	/	/	2.4	995.0	-7.0	-7.0
07	54 53.65 N 160 24.90 W	PC	12	005	16	1-2	/	/	2.5	995.5	-6.0	-6.0
08	54 58.10 N 160 36.29 W	PC	12	355	16	1-2	/	/	2.6	995.4	-6.1	-6.1
09	55 05.60 N 160 53.44 W	PC	12	000	30	3-4	000	3-4	2.4	996.0	-6.5	-6.5
10	55 13.44 N 161 06.3 W	PC	12	025	24	3	/	/	2.1	996.1	-6.0	-6.0
11	55 17.30 N 161 27.86 W	PC	12	355	30	3	/	/	1.9	996.5	-7.5	-7.5
12	55 15.0 N 161 42.4 W	PC	12	355	26	3	/	/	1.7	997.5	-1.7	-1.7
13	55 11.3 N 161 41.5 W	PC	12	290	18	2	/	/	1.5	998.2	-4.3	-4.7
14	55 10.6 N 161 42.1 W	PC	12	030	26	2-3	/	/	1.5	997.3	-5.3	-5.8
15	55 11.1 N 161 42.0 W	PC	12	030	34	3-	/	/	1.5	997.5	-5.5	-4.8
16	55 17.29 N 161 32.84 W	PC	6	340	32	3-4	/	/	1.8	996.5	-2.5	-2.5
17	55 17.01 N 161 23.94 W	PC	6	340	26	3-4	/	/	1.8	997.0	-2.5	-2.5
18	55 14.84 N 161 08.48 W	PC	8	015	24	2-3	/	/	2.1	996.9	-2.0	-2.0
19	55 09.01 N 160 59.98 W	PC	12	355	26	2-3	/	/	1.9	997.0	-2.0	-2.5
20	54 57.70 N 160 50.39 W	PC	8	350	26	2-3	/	/	2.7	996.1	-4.2	-4.2
21	54 47.004 N 160 55.323 W	PC	8	355	28	4-5	/	/	2.4	996.0	-4.0	-0.0
22	54 49.11 N 160 57.54 W	PC	8	340	30	5-6	/	/	2.6	995.5	-4.0	-4.0
23	54 52.10 N 160 38.99 W	PC	12	000	24	3-4	/	/	2.8	996.0	-5.0	-5.0
24	54 42.8 N 160 37.5 W	PC	11	340	26	3-4	/	/	2.7	995.9	-4.5	-5.1

REMARKS

#1700-1730 SNOW SQUALL

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
Miller Freeman	Monday	20 Feb 95	+9

TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIND		SEA WAVE HEIGHT (Ft.)	SWELL WAVES		SEA WATER TEMP. °C	SEA LEVEL PRESSURE (mb)	TEMPERATURE °C	
				DIR. (True)	SPEED (Kts.)		DIR. (True)	HEIGHT (Ft.)			DRY BULB	WET BULB
01	54° 52.0' N 160° 29.9' W	PC	11	350	30	2	/	/	2.4	995.1	-6.0	-6.0
02	54° 43.5' N 160° 28.0' W	PC	11	330	28	2	/	/	2.8	994.9	-4.9	-4.9
03	54° 37.8' N 160° 23.3' W	PC	11	330	20	3-4	/	/	3.8	994.3	-5.0	-5.5
04	54° 46.60' N 160° 19.85' W	PC	10	325	26	4	/	/	3.8	993.9		
05	54° 46.71' N 160° 17.83' W	PC	12	335	25	5	/	/	3.8	993.8		
06	54° 48.8' N 160° 19.2' W	PC	12	335	30	6	/	/	2.7	994.0	-3.5	-4.0
07	54° 48.4' N 160° 19.2' W	PC	12	330	26	6	/	/	2.7	993.2		
08	54° 47.58' N 160° 18.56' W	PC	10	335	20	3-4	/	/	2.6	994.0	-5.0	-5.0
09	54° 38.463' N 160° 16.100' W	PC	10	317	31	3	150	46	2.9	994.5	-4.5	-5.0
10	54° 37.36' N 160° 09.45' W	PC	12	335	32	5-6	160	78	2.8	995.0	-4.0	-5.0
11	54° 45.14' N 160° 06.30' W	PC	12	320	34	5-6	/	/	2.8	994.9	-2.5	-3.0
12	54° 47.6' N 160° 58.8' W	PC	12	330	36	3-4	/	/	2.5	995.0	-4.9	-6.1
13	54° 36.3' N 160° 02.8' W	PC	12	330	34	4	300	4	2.7	995.9	-4.5	-4.5
14	54° 29.3' N 160° 13.1' W	PC	11	310	28	4	300	/	2.8	995.9	-3.9	-3.9
15	54° 29.4' N 160° 24.6' W	PC	11	320	20	4	/	/	3.0	996.1	-4.5	-5.2
16	54° 29.64' N 160° 40.72' W	PC	11	315	30	5-6	/	/	3.2	997.0		
17	54° 27.65' N 160° 56.25' W	CL	12	310	32	4-5	/	/	3.0	997.2		
18	54° 25.37' N 161° 06.27' W	CL	12	315	26	4-5	/	/	2.9	997.5	-4.5	-5.5
19	54° 20.33' N 161° 28.85' W	CL/SW	100 yds	315	22	3-4	/	/	3.0	999.0		
20	54° 17.64' N 161° 41.23' W	CL	5-6	316	24	3-4	/	/	3.1	999.0		
21	54° 13.67' N 161° 58.25' W	CL	6-7	310	20	3-4	/	/	2.7	999.2	-4.0	-3.9
22	54° 10.34' N 162° 17.38' W	CL	6-7	320	16	3-4	/	/	2.4	1001.0	-4.0	-4.0
23	54° 03.8' N 162° 25.98' W	CL	6-7	309	26	3-4	/	/	3.4	1001.0	-4.0	-4.1
24	54° 11.0' N 162° 37.8' W	PC	7	330	10	3	/	/	2.4	1002.0	-4.0	-5.2

REMARKS

* SYNOPTIC & HOT LOWER - SYNOPTIC HOUR WX REP WST 0 DAY

BULB TEMPS OBTAINED USING SLING RH/ANEMETER.

* SNOW SHOWERS / 21:37. SOME MORE SNOW SHOWERS IN AREA, 22:00 / SOME

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP MILLER FREEMAN R223	DAY TUES	DATE 21 FEB 95	TIME ZONE +9
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TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIND		SEA WAVE HEIGHT (Ft.)	SWELL WAVES		SEA WATER TEMP. °C	SEA LEVEL PRESSURE (mb)	TEMPERATURE °C	
				DIR. (True)	SPEED (Kts.)		DIR. (True)	HEIGHT (Ft.)			DRY BULB	WET BULB
01	54 11.8 N 162 56.3 W	PC	10	330	20	3	/	/	1.8	1003.1	iced up	
02	54 12.4 N 163 12.7 W	PC	8	320	22	3	/	/	2.2	1003.7	iced up	
03	54 13.8 N 163 35.2 W	PC	8	330	18	3	/	/	3.0	1003.9	-5.7	-6.2
04	54 06.13 N 163 47.8 W	SNOW	10	335	20	3-4	/	/	2.6	1005.0		
05	54 17.18 N 163 03.04 W	PC	12	320	20	3	/	/	1.9	1005.5		
06	54 18.50 N 163 25.76 W	PC	12	320	20	3	/	/	1.6	1005.9	-4.0	-4.0
07	54 17.15 N 163 41.22 W	PC	12	300	20	3	/	/	1.7	1005.9	-4.8	-4.8
08	54 16.06 N 164 21.15 W	PC	12	335	18	3	/	/		1006.5	-4.9	-4.9
09	54 16.3 N 164 51.5 W	PC	11	330	16	5	/	/	1.9	1007.1	-5.0	-6.0
10	54 16.7 N 164 52.9 W	PC	12	300	17	5	/	/		1007.9	-5.2	-5.2
11	54 18.01 N 164 45.14 W	PC	12	310	18	3-4	/	/	1.8	1008.2	-4.0	-0.0
12	54 18.1 N 164 44.6 W	CL/F	08	315	18	2-3	/	/	1.9	1009.1	0.0	-2.0
13	54 20.1 N 164 45.5 W	CL	10	310	18	2-3	/	/	1.8	1009.9	-4.0	-4.0
14	54 20.0 N 164 42.6 W	CL/F	06	310	18	2-3	/	/	1.6	1010	-4.0	4.0
15	54 21.4 N 164 52.2 W	CL/F	08	320	14	1-2	/	/	1.5	1010.5	-4.6	-5.2
16	54 24.84 N 165 02.91 W	CL	08	315	18	2-3	/	/	2.0	1011.2		
17	54 35.50 N 165 04.47 W	CL	08	295	18	2-3	/	/	1.7	1011.2		
18	54 43.00 N 164 58.09 W	CL/S	06	280	12	2-3	/	/	1.7	1011.6	-5.0	-6.5
19	55 00.96 N 164 36.71 W	CL	08	315	14	2-3	/	/	1.7	1011.9		
20	55 04.21 N 164 31.95 W	CL	08	315	14	2-3	/	/	1.5	1012.0	-6.0	-6.0
21	55 04.45 N 164 32.16 W	CL	08	290	12	2-3	/	/	1.5	1011.0	-3.5	0.0
22	55 04.47 N 164 32.22 W	CL	08	320	8	2-3	/	/	1.6	1012.5		
23	55 05.61 N 164 36.95 W	SW	06	290	08	2-3	/	/	1.4	1013.5	-5.0	-5.5
24	55 13.6 N 164 48.3 W	PC	08	270	10	2-3	/	/	1.9	1013.2	-0.1	-3.0

REMARKS

/// S SNOW FLURRIES VIS < 3 NM

Snow Flurries @ 2130

Snow Flurries @ 2310

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN R223	WED	22 FEB 95	+9

TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIND		SEA WAVE HEIGHT (Ft.)	SWELL WAVES		SEA WATER TEMP. °C	SEA LEVEL PRESSURE (mb)	TEMPERATURE °C	
				DIR. (True)	SPEED (Kts.)		DIR. (True)	HEIGHT (Ft.)			DRY BULB	WET BULB
01	55° 20.2 N 165° 03.7 W	PC	8	260	16	2	—	—	1.9	1013.6	—	—
02	55° 27.5 N 165° 17.2 W	PC	10	250	12	2	—	—	1.9	1013.6	—	—
03	55° 34.9 N 165° 31.2 W	PC	10	250	20	2	—	—	1.5	1013.6	-2.4	-4.1
04	55° 43.1 N 165° 47.7 W	PC	12	220	20	3-4	—	—	1.7	1013.0	—	—
05	55° 50.63 N 166° 02.46 W	S	5	335	10	3-4	—	—	1.7	1013.2	—	—
06	55° 58.58 N 166° 17.42 W	S	6	350	12	3-4	—	—	1.6	1013.5	-6.5	-7.0
07	56° 01.94 N 166° 23.70 W	S	6	330	10	2-3	—	—	1.6	1014.0	—	—
08	56° 02.08 N 166° 24.11 W	S	4	340	10	3-4	—	—	1.6	1014.5	—	—
09	56° 02.08 N 166° 24.11 W	S	4	360	10	3-4	—	—	1.7	1014.1	-6.2	-6.8
10	56° 02.1 N 166° 24.1 W	S	4	280	4	2-3	—	—	1.6	1015.0	-6.0	-6.2
11	56° 02.5 N 166° 24.6 W	PC	6	030	6	1	280	2	1.7	1015.2	-6.6	-6.8
12	55° 52.6 N 166° 12.4 W	SW	8	060	6	1	310	1	1.7	1015.3	-4.1	-5.2
13	55° 42.8 N 166° 00.5 W	SW	8	075	10	1	290	2	1.8	1015.0	-5.2	-5.2
14	55° 34.4 N 165° 49.1 W	CL	10	080	12	1	290	2	1.8	1015.0	—	—
15	55° 24.6 N 165° 35.8 W	SW	10	190	10	1	290	1	1.8	1014.9	-2.1	-3.6
16	55° 13.1 N 165° 20.0 W	S, R	<6	190	18	1-2	260	1	1.8	1014.2	—	—
17	55° 03.95 N 165° 07.21 W	S	<6	140	20	2-3	—	—	1.8	1014.0	—	—
18	55° 00 N 165° 00 W	S	<6	140	20	2-3	—	—	1.8	1014.0	0.0	-1.0
19	54° 55.94 N 165° 01.04 W	S	<6	135	18	1-2	—	—	1.8	1013.0	—	—
20	55° 58.63 N 165° 19.54 W	S	<7	110	22	3	—	—	1.8	1012.0	-0.5	-0.5
21	54° 34.67 N 165° 34.13 W	CL	12	145	30	4-5	—	—	1.8	1010.0	1.5	1.0
22	54° 52.42 N 165° 40.12 W	CL	10	155	30	4-5	—	—	2.0	1010.0	1.8	1.3
23	54° 04.89 N 165° 51.1 W	C	10	130	12	4-5	—	—	2.0	1010.2	2.7	2.0
24	54° 44.7 N 166° 02.9 W	CL	10	170	12	3	—	—	2.1	1010.2	4.6	3.2

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	THURSDAY	23 FEB 95	+9

TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIND		SEA WAVE HEIGHT (Ft.)	SWELL WAVES		SEA WATER TEMP. °C	SEA LEVEL PRESSURE (mb)	TEMPERATURE °C	
				DIR. (True)	SPEED (Kts.)		DIR. (True)	HEIGHT (Ft.)			DRY BULB	WET BULB
01	54° 44.3' N 166° 03.8' W	CL	10	180	12	3	—	—	2.2	1010.5	—	—
02	54° 41.4' N 166° 14.10' W	CL	10	200	16	3	—	—	2.1	1010.9	—	—
03	54° 34.66' N 166° 08.01' W	PC	12	205	18	3	—	—	1.9	1010.9	3.9	2.9
04	54° 30.00' N 166° 08.69' W	PC	12	205	18	3	—	—	1.9	1011.2	4.0	3.1
05	54° 27.8' N 166° 02.30' W	PC	12	200	18	3	—	—	1.9	1011.2	4.0	3.0
06	54° 21.28' N 165° 56.30' W	PC	12	150	18	2	—	—	2.2	1011.5	3.5	3.0
07	54° 14.8' N 165° 44.7' W	PC	12	190	30	3	—	—	2.6	1011.0	3.6	3.0
08	54° 19.65' N 165° 31.08' W	CL	12	185	14	2	—	—	2.7	1012.9	4.9	3.9
09	54° 21.7' N 165° 20.61' W	CL	12	190	20	2	—	—	2.1	1013.0	4.0	3.5
10	54° 23.77' N 165° 15.40' W	CL	12	165	14	2-3	—	—	1.8	1013.5	4.0	3.1
11	54° 25.57' N 165° 08.60' W	PC	12	155	18	2-3	—	—	1.6	1013.5	3.9	3.1
12	54° 28.0' N 165° 13.8' W	PC	12	130	18	1	—	—	1.5	1010.	3.9	2.5
13	54° 25.8' N 165° 28.3' W	PC	10	130	18	1	—	—	2.5	1018.0	4.0	2.9
14	54° 24.5' N 165° 28.7' W	PC	10	170	20	2-3	—	—	2.5	1013.0	4.0	3.0
15	55° 25.0' N 165° 35.1' W	CL	10	140	22	2-3	—	—	2.3	1012.6	3.4	2.2
16	55° 27.34' N 165° 34.20' W	CL	12	130	18	2-3	—	—	2.5	1011.9	3.2	2.0
17	55° 27.10' N 165° 34.18' W	CL	10	140	28	3	—	—	2.5	1011.3	3.5	2.5
18	55° 25.0' N 165° 33.2' W	CL	12	138	27	4	—	—	2.7	1010.9	3.0	2.0
19	54° 24.3' N 165° 36.8' W	CL	12	142	30	4	—	—	2.3	1010.9	3.0	2.0
20	54° 23.5' N 165° 42.0' W	CL	12	180	26	4-5	—	—	2.2	1010.2	3.1	1.8
21	54° 23.03' N 165° 39.61' W	CL	12	130	24	3-4	—	—	2.2	1011.0	3.0	2.5
22	54° 24.25' N 165° 29.41' W	CL	10	175	32	5-6	—	—	2.5	1010.5	3.5	2.7
23												
24	54° 25.4' N 165° 34.7' W	CL	10	110	26	5-6	—	—	2.4	1009.5	2.5	2.0

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP MILLER FREEMAN	DAY FRIDAY	DATE 24 FEB 95	TIME ZONE +9
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TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIND		SEA WAVE HEIGHT (Ft.)	SWELL WAVES		SEA WATER TEMP. °C	SEA LEVEL PRESSURE (mb)	TEMPERATURE °C	
				DIR. (True)	SPEED (Kts.)		DIR. (True)	HEIGHT (Ft.)			DRY BULB	WET BULB
01	34 38.9 N 165 21.4 W	CL	6	130	32	5-6	/	/	25	1009.0	3.2	2.8
02	54 21.4 N 165 30.8 W	CL	6	130	26	5	/	/	2.6	1008.2	2.8	2.5
03	54 18.5 N 165 45.3 W	CL/R	6	130	26	1-2	-	-	2.6	1008.6	2.6	2.6
04	54 14.9 N 166 02.4 W	CL/R	8	170	14	2-3	-	-	2.7	1006.0	2.5	2.5
05	54 09.5 N 166 12.9 W	CL/R	10	140	30	3-4	-	-	2.8	1005.2	3.2	2.5
06	54 05 N 166 3 W	CL/R	10	130	28	3-4	-	-	2.7	1005.0	3.0	2.5
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REMARKS