

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

DAY

DATE

TIME ZONE

MILLER FREEMAN

MONDAY 5/14/01

+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												
03												
04	53 54.1 N 166 31.5 W	L	4	050	05	—	—	—	—	1000.0	5.5	4.9
05												
06												
07												
08	53 54.1 N 166 31.5 W	PC	5	175	02	—	—	—	—	1000.8	6.0	5.0
09												
10												
11												
12	53 54.1 N 166 31.5 W	PC	5	280	03	—	—	—	—	1000.5	7.3	5.0
13	53 55.53 N 166 26.33 W	PC	7	115	10	0.5	025	1-2		1000.9	10.0	7.0
14												
15	54 03.3 N 166 49.8 W	PC	7	171	14	1	—	—	4.8	1000.4	9.8	6.9
16	54 04.3 N 166 18.4 W	PC	7	120	11	3-4	—	—	4.9	1000.1	7.8	5.9
17	54 03.6 N 166 16.7 W	PC	7	125	13	3-4	—	—	5.1	1000.1	7.2	5.8
18	54 13.6 N 166 05.0 W	PC	7	012	03	2	—	—	4.8	999.1	10.2	6.5
19	54 20.7 N 165 51.9 W	PC	7	013	169	2-3	40	3-4	4.7	999.1	11.0	7.7
20	54 30.0 N 165 30.0 W	PC	7	010	182	2	40	3-4	5.6	998.9	5.0	6.2
21	54 36.7 N 165 18.8 W	PC	7	09	125	2	40	3-4	4.7	998.9	5.2	6.0
22	54 43.7 N 165 03.6 W	PC	10	08	070	1-2	40	2-3	4.1	999.0	7.5	5.0
23	54 52.1 N 165 46.6 W	PC	12	011	065	1-2	45	2-3	5.0	999.9	6.3	4.6
24	55 01.0 N 164 11.0 W	PC	10	065	04	1-2	—	—	5.2	998.8	6.3	5.1

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

TUES.

DATE

5/15/01

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	55.09.1 N 164.10.2 W	PC	10	004	09	1	—	—	4.7	998.3	6.1	5.0
02	55.17.1 N 163.53.5 W	PC	10	020	06	1	—	—	4.5	998.0	6.1	4.8
03	55.25.0 N 163.36.3 W	PC	10	032	07	1	—	—	4.6	998.0	6.0	4.9
04	55.31.0 N 163.24.1 W	CL	10	345	03	1-2	—	—	5.0	998.0	6.0	5.0
05	55.36.9 N 163.04.2 W	CL	10	050	6	1-2	—	—	4.8	997.5	6.0	4.2
06	55.43.0 N 162.42.8 W	PC	10	044	5	1-2	—	—	4.3	997.4	5.0	4.0
07	55.47.5 N 162.26.8 W	CL	10	028	6	1-2	—	—	4.1	997.2	4.2	4.0
08	55.53.7 N 162.05.0 W	PC	10	062	6	1	—	—	4.2	997.1	4.2	3.9
09	55.58.9 N 161.47.2 W	PC	12	353	6	1	—	—	3.7	997.0	5.0	4.0
10	56.04.5 N 161.28.5 W	CL	11	320	6	1	—	—	3.3	997.1	5.0	4.0
11	56.09.7 N 161.11.4 W	CL	11	342	5	1	—	—	4.4	997.1	5.0	4.0
12	56.15.1 N 161.51.8 W	PC	12	332	7	1	—	—	4.5	997.0	4.7	3.8
13	56.19.8 N 160.34.0 W	PC	12	352	1	1	—	—	4.0	997.0	5.8	4.5
14	56.24.9 N 160.12.4 W	PC	12	319	5	1	—	—	3.8	996.9	5.3	4.3
15	56.24.9 N 160.13.4 W	PC	12	321	6	1	—	—	3.8	996.8	7.2	6.5
16	56.24.9 N 160.13.0 W	PC	7	313	8	1	—	—	4.1	996.6	7.0	5.0
17	56.24.8 N 160.13.3 W	PC	7	295	6	1	—	—	4.4	996.5	9.5	7.1
18	56.25.4 N 160.14.7 W	PC	7	280	10	1-2	—	—	4.5	996.2	10.7	9.0
19	56.27.1 N 160.23.7 W	PC	7	308	6	1-2	—	—	4.6	996.6	10.0	8.2
20	56.29.3 N 160.55.1 W	CL	12+	320	8	1-2	—	—	4.7	997.0	9.0	6.8
21	56.00.1 N 161.00.5 W	CL	12+	355	8	1-2	—	—	4.8	997.5	6.3	5.0
22	56.31.9 N 161.11.3 W	CL	12+	350	7	1-2	—	—	4.5	998.0	5.2	6.0
23	56.35.5 N 161.37.8 W	CL	12+	340	8	1-2	—	—	4.7	998.4	5.0	6.8
24	56.40.0 N 161.55.7 W	PC	04	318	10	1	—	—	4.9	998.5	6.0	5.0

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	WEDNESDAY	16 MAY 01	+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	56.43.4 N 162.15.5 W	PC	12	333	06	2	—	—	4.0	999.5	6.0	5.0
02	56.47.2 N 162.36.6 W	PC	12	341	05	1-2	—	—	3.6	999.8	5.6	4.8
03	56.50.8 N 162.56.6 W	CL	12	053	04	1-2	—	—	3.7	999.8	5.5	4.8
04	56.53.9 N 163.13.7 W	CL	12	010	06	1-2	270	3-4	3.8	1000.2	6.0	5.0
05	56.57.4 N 163.33.9 W	CL	12	012	05	1-2	280	3-4	3.6	1000.5	5.7	4.8
06	56.59.8 N 163.47.2 W	CL	10	018	06	1-2	260	6-8	3.6	1001.0	5.7	4.8
07	56.54.6 N 163.58.7 W	CL	10	005	08	1-2	255	6-8	3.5	1001.4	5.7	4.8
08	56.52.7 N 164-03.5 W	CL	10	015	07	1-2	240	6-8	3.7	1002.2	5.2	4.5
09	56-51.7 N 164-04.5 W	CL	10	014	08	1-2	245	6-8	3.6	1002.5	5.8	4.8
10	56-51.3 N 164-04.8 W	CL	10	020	07	1-2	245	6-8	3.5	1002.5	4.5	3.8
11	56-51.2 N 164-04.3 W	CL	10	016	09	1-2	245	6-8	3.6	1003.4	4.8	4.1
12	56 57.4 N 164 04.0 W	PC	10	025	08	1-2	245	6	3.7	1003.9	5.5	4.5
13	56 57.1 N 164 03.7 W	PC	10	035	06	1-2	245	6	3.6	1003.4	7.2	6.0
14	56 52.3 N 164 03.4 W	PC	10	035	08	1-2	245	6	4.0	1004.7	6.5	5.2
15	56 52.5 N 164 03.1 W	PC	10	030	10	2	245	6-8	4.1	1004.4	6.8	6.5
16	56 53.2 N 164 03.0 W	PC	10	045	10	1-2	250	6-8	4.0	1005.0	6.2	5.1
17	56 51.4 N 164 07.9 W	PC	10	065	09	1-2	250	6-8	4.0	1006.0	6.0	5.0
18	56 46.0 N 164 20.6 W	PC	10	064	06	1-2	250	6-8	4.2	1006.2	6.9	5.2
19	56 52.5 N 164 32.6 W	C	10	038	06	2-3	250	6-8	4.1	1006.4	13.0	10.0
20	57.01.9 N 164.50.8 W	C	10+	355	16	2-3	250	3-4	3.9	1007.1	4.8	5.0
21	57.06.9 N 165.00.2 W	C	10+	350	16	2-3	270	1-2	3.8	1007.5	5.2	5.8
22	57.12.6 N 165.16.3 W	C	10+	055	10	1-2	320	3-4	3.8	1008.0	5.2	4.8
23	57.19.6 N 165.36.8 W	C	10+	046	10	1-2	240	3-4	3.6	1008.9	4.0	3.8
24	57 24.9 N 165 51.9 W	PC	10+	035	06	1-2	250	3	3.2	1009.8	5.3	3.5

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP MILLER FREEMAN	DAY THURSDAY	DATE 17 5/16/01	TIME ZONE +8
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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	57.27.1 N 166.10.1 W	PC	12	062	05	1-2	270	3	3.0	1010.0	4.7	3.7
02	57.30.2 N 166.29.8 W	PC	12	049	05	1-2	—	—	3.1	1010.2	4.4	3.4
03	57.32.1 N 166.43.8 W	PC	12	335	04	1	280	3	3.0	1010.4	3.7	3.2
04	57.33.3 N 166.56.2 W	PC	12	346	06	1-2	280	3	2.9	1011.0	4.0	3.8
05	57.36.0 N 167.19.9 W	C	12	340	8	1-2	280	4	3.0	1011.0	4.0	3.1
06	57.38.0 N 167.36.1 W	CL	10	310	6	1	330	3	3.3	1011.0	3.8	3.0
07	57.39.9 N 167.46.5 W	CL	10	308	9	1	325	3	3.0	1011.0	3.2	2.6
08	57.43.5 N 168.10.5 W	PL	10	357	10	1-2	310	2-3	2.8	1011.3	3.2	2.4
09	57.45.6 N 168.26.5 W	CL	10	355	14	1-2	320	2-3	2.8	1011.8	3.2	2.2
10	57.48.7 N 168.41.8 W	CL	10	350	15	1-2	320	2-3	2.6	1012.1	3.1	2.1
11	OPERATIONS											
12	57.50.2 N 169.53.2 W	PC	10	340	10	1-2	317	2-3	2.4	1013.2	2.0	1.0
13	57.50.6 N 169.52.8 W	CL	7	350	12	2-4	—	—	2.6	1013.5	0.5	0.0
14	57.50.8 N 169.52.2 W	CL	7	355	14	2-4	—	—	2.6	1014.1	1.5	0.7
15	57.51.2 N 169.52.1 W	CL	7	345	14	3-4	—	—	2.8	1014.1	0.5	-0.2
16	57.46.0 N 169.57.2 W	CL	7	356	18	3-4	—	—	2.2	1014.2	2.0	1.0
17	57.35.9 N 169.06.7 W	CL	7-10	359	12	2-3	320	3	2.2	1014.5	2.3	1.4
18	57.26.0 N 169.16.0 W	CL	7-10	358	15	2-3	315	3-4	3.1	1015.0	2.8	1.8
19	57.15.4 N 169.26.1 W	CL	7-10	356	17	3-4	315	4	3.0	1015.1	2.9	1.6
20	57.04.2 N 169.36.9 W	CL	7-10	330	18	3-4	310	4	2.3	1015.2	4.8	3.6
21	56.53.7 N 169.47.2 W	CL	16	337	18	3-4	310	3-4	2.4	1016.0	4.0	2.3
22	56.42.7 N 169.57.5 W	CL	14	340	20	3-4	310	3-4	3.7	1016.2	3.9	2.1
23	56.30.8 N 170.04.0 W	CL	15	340	18	3-4	315	3-4	4.8	1016.8	4.0	2.5
24	56.17.5 N 170.09.8 W	CL	15	350	17	3-4	355	3-4	3.5	1017.3	3.8	2.2

REMARKS

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	FRIDAY	5/18/01	+8

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REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	SATURDAY	5/19/01	+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	52°04.2'N 172°25.0'W	CL	10	012	11	3-4	—	—	5.2	1022	4.5	2.5
02	52°15.6'N 172°16.6'W	CL	10	002	13	3-4	—	—	4.5	1021.8	4.2	2.6
03	52°23.1'N 172°07.0'W	CL	10	347	10	2-4	—	—		1021.9	4.5	2.8
04	52°23.3'N 172°05.2'W	CL	10	000	10	2-4	—	—	4.6	1021.2	4.1	2.6
05	52°24.2'N 171°55.1'W	L	10	340	10	2-4	—	—	4.7	1021.3	4.0	3.0
06	52°24.5'N 171°43.6'W	L	10	345	16	2-4	—	—	4.8	1020.9	4.0	2.8
07	52°25.2'N 171°45.3'W	CL	10	340	18	5-6	—	—	4.8	1020.3	4.2	3.0
08	52°25.8'N 171°28.5'W	CL	10+	320	18	4-5	—	—	5.1	1019.9	3.0	2.1
09	52°24.7'N 171°22.8'W	CL	10	002	17	4-5	—	—	5.1	1020.0	4.0	2.4
10	52°23.4'N 171°06.1'W	CL	10	115	18	4-5	—	—	5.2	1019.9	3.2	1.5
11	52°23.7'N 170°46.9'W	CL	10	060	15	4-5	—	—	5.3	1019.8	3.0	1.5
12	52°24.1'N 170°26.4'W	CL	10	358	19	4-5	—	—	5.1	1019.2	2.9	1.2
13	52°24.3'N 170°07.5'W	PC	10	321	23	4-5	—	—	5.0	1019.2	3.2	1.8
14	52°24.7'N 169°51.1'W	PC	10	001	18	4-5	—	—	5.1	1018.8	3.0	1.3
15	52°23.7'N 169°44.9'W	PC	10	000	13	3-4	—	—	5.0	1018.8	5.0	3.1
16	52°02.5'N 169°45.1'W	PC	10	356	17	6-7	—	—	5.5	1018.3	5.0	3.0
17	52°24.1'N 169°45.2'W	CL	10	359	16	5-6	—	—	5.4	1019.1	5.0	3.2
18	52°23.6'N 169°34.7'W	PC	10	000	14	5-6	—	—	5.4	1018.0	3.2	2.1
19	52°15.5'N 169°39.8'W	PC	10	357	17	3-4	—	—	5.6	1018.0	3.6	2.2
20	52°04.6'N 169°34.0'W	CL	10	358	18	3-4	—	—	5.5	1018.0	3.0	2-4
21	51°54.5'N 169°28.5'W	CL	10	345	20	3-4	—	—	5.1	1018.0	5.0	3.2
22	51°42.5'N 169°20.0'W	CL	10	002	20	3-4	165	4-5	4.8	1017.9	4.0	2.2
23	51°38.1'N 169°19.6'W	CL	10	356	22	6-7	—	—	4.7	1017.9	4.4	2.8
24	51°38.9'N 169°20.2'W	CL	10	354	19	4-6	000	6	4.8	1018.1	4.0	2.3

REMARKS

1635 SNOW FLURRY

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	SUNDAY	5/20/01	+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	51 37.5 N 169 19.9 W	CL	7	355	17	4-5	—	—	04.7	1019.0	4.0	2.5
02	51 38.5 N 169 20.1 W	CL	7	350	19	4-6	—	—	4.8	1019.1	4.0	2.2
03	51 39.6 N 169 20.7 W	CL	7	350	19	4-6	—	—	4.7	1019.1	4.0	2.2
04	51 41.8 N 169 21.7 W	PC	7	340	20	6-7	—	—	4.8	1019.1	3.4	1.8
05	51 43.8 N 169 22.7 W	CL	7	000	18	6-7	—	—	4.9	1019.8	3.3	2.0
06	51 44.2 N 169 22.8 W	L	7	335	20	4-6	—	—	4.9	1019.3	3.2	1.3
07	51 47.7 N 169 24.6 W	CL	7	328	18	4-6	—	—	5.0	1019.6	3.7	1.8
08	51 55.1 N 169 29.2 W	CL/SW	10	350	10	3-5	—	—	4.9	1020.0	3.6	1.7
09	51 56.9 N 169 29.7 W	CL	10	355	15	3-5	—	—	4.9	1020.0	3.5	1.6
10	51 58.7 N 169 30.8 W	CL	10	352	12	3-5	—	—	5.0	1020.2	3.7	1.8
11	51 59.7 N 169 31.2 W	CL	10	295	06	1-2	CONFUSED	3-5	5.1	1020.3	3.5	2.1
12	51 59.0 N 169 30.9 W	CL	10	300	08	2-3	350	4	5.1	1020.5	4.0	2.2
13	51 58.6 N 169 30.9 W	CL	10	320	10	2-3	350	4	5.0	1020.8	3.8	1.5
14	52 01.3 N 169 32.8 W	CL	10	325	12	2-4	—	—	5.1	1020.7	3.9	1.9
15	52 11.1 N 169 37.3 W	CL	10	314	04	2-3	—	—	5.5	1020.7	3.9	2.0
16	52 12.5 N 169 35.7 W	CL	10	330	10	2-3	—	—	5.5	1021.1	4.0	2.0
17	52 10.4 N 169 36.5 W	CL	10	335	18	3-4	—	—	5.5	1020.8	4.1	2.4
18	52 09.3 N 169 35.7 W	CL	10	310	18	4-6	—	—	5.6	1020.3	3.3	1.9
19	52 11.0 S 169 37.3	CL	10	325	14	4-6	330	5-7	5.4	1020.1	4.5	3.0
20	52 11.3 N 169 38.0	CL	12+	300	13	4-6	—	—	5.4	1020.1	4.1	2.3
21	52 14 N 169 39.2 W	CL	12+	312	15	4-6	—	—	5.4	1019.5	4.1	2.5
22	52 16.0 N 169 40.1 W	CL	12+	320	15	4-6	—	—	5.4	1019.4	4.0	2.5
23	52 16.0 N 169 40.0 W	CL	12+	300	14	4-6	—	—	5.6	1019.3	4.0	3.0
24	52 31.8 N 169 43.3 W	CL	12+	271	12	4-6	—	—	5.7	1018.1	3.5	2.9

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	MONDAY	5/21/01	+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	52 29.9 N 169 40.9 W	CL	10+	260	12	2-4	—	—	5.3	1018.9	3.8	3.1
02	52 41.6 N 169 38.8 W	CL	10+	264	08	2-4	—	—	4.7	1018.3	3.6	3.0
03	52 53.1 N 169 38.5 W	CL	10+	233	08	2-4	—	—	5.0	1017.9	3.4	2.6
04	53 01.8 N 169 13.7 W	CL	10	233	10	2-3	—	—	4.9	1017.1	3.2	3.0
05	53 15.1 N 169 02.3 W	CL	10	242	10	3-4	—	—	4.6	1016.1	4.0	3.8
06	53 12.0 N 169 47.9 W	L	10	238	14	3-4	—	—	4.6	1015.4	4.8	4.0
07	53 22.6 N 168 44.2 W	L	10	242	13	3-4	—	—	4.8	1015	3.8	3.1
08	53 26.3 N 168 46.0 W	L	8	250	08	2-3	—	—	4.8	1014.6	4.0	3.2
09	53 31.0 N 168 57.0 W	L	8	255	10	2-3	—	—	4.1	1014.2	3.8	3.2
10	53 31.2 N 168 53.4 W	L	8	270	10	2-3	—	—	4.1	1014.0	3.5	2.8
11	53 36.0 N 169 03.0 W	L	8	280	10	2-3	—	—	4.1	1013.8	3.6	3.0
12	53 36.2 N 169 02.6 W	L	8	290	10	2-3	—	—	4.1	1013.5	5.0	4.0
13	53 44.3 N 169 12.9 W	L	8	270	10	2-3	310	6	4.0	1013.0	3.1	2.7
14	53 46.4 N 169 16.2 W	CL	8	290	06	2-3	300	5	4.2	1013.2	3.7	3.0
15	53 50.4 N 169 20.0 W	PC	10	238	04	1-2	300	5	4.4	1013.0	4.5	3.9
16	53 57.4 N 169 28.5 W	CL	7	235	05	1	315	5-6	5.2	1012.9	3.8	3.0
17	54 02.4 N 169 34.4 W	CL	8	CALL	—	—	300	4-5	5.4	1012.5	7.0	5.8
18	54 02.8 N 169 28.3 W	CL	8	335	02	1	300	4.5	5.0	1012.2	4.4	3.2
19	54 04.1 N 169 11.9 W	CL	8	336	04	1	315	4-5	5.4	1012.2	4.8	3.1
20	54 06.1 N 169 02.3 W	CL	8	325	05	1-2	310	4-5	5.4	1011.9	4.2	2.9
21	54 05.6 N 168 29.4 W	CL	16	027	04	1-2	270	3-4	5.4	1011.9	4.2	3.0
22	54 05.6 N 168 13.0 W	CL	14	352	06	1-2	225	2-3	5.2	1011.9	4.3	3.0
23	54 05.4 N 167 50.7 W	CL/R	10	032	06	1-2	—	3	5.3	1012.0	4.2	3.4
24	54 05.3 N 167 30.9 W	CL	10	016	06	1-5	280	3	5.4	1011.9	4.5	3.1

REMARKS

DECK LOG – WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN		5/22/01	+8

[illegible]

REMARKS