

## DECK LOG – WEATHER OBSERVATION SHEET

NOAA SHIP				DAY		DATE		TIME ZONE				
MILLER FREEMAN R-223				SATURDAY		8-MAR-03		+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° 53.5' N 166° 32.1' W	CL	8	060	6	1	/	/	/	1012.0	5.0	3.0
02	53° 53.5' N 166° 32.1' W	CL	4	060	22	2-3	-	-	-	1011.3	4.2	3.1
03												
04												
05												
06												
07												
08												
09	53° 53.5' N 166° 32.1' W	CL	4	060	22	2-3	-	-	-	1011.3	4.2	3.1
10												
11	53° 54.0' N 166° 35.6' W	CL	8	055	18	2-3	045	2-3	-	1012.5	4.2	2.3
12												
13												
14	53° 51.4' N 166° 34.8' W	PC	10	060	14	1	-	-	-	1013.1	7.9	5.8
15	53° 51.4' N 166° 34.8' W	PC	10	060	08	1	-	-	-	1013.0	8.0	6.0
16		CL	08				/					
17												
18												
19												
20	53° 51.4' N 166° 34.8' W	CL	08	065	15	1	/	/	/	1014.0	7.0	5.1
21												
22	53° 51.5' N 166° 34.8' W	CL/SM	6	090	25	2-3	/	/	/	1014.6	7.5	5.0
23	54° 01.9' N 166° 40.8' W	CL/SP/SM	7	090	26	6-8	/	/	/	1014.7	6.0	5.7
24	54° 01.9' N 166° 40.8' W	CL	8	088	36	10-12	/	/	4.6	1015.4	5.2	4.9
REMARKS: 2300 25-35 w/ gusts to 50												

## DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	SUNDAY	09 MAR 03	+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° 01.6' N 167° 01.3' W	PC	10	075	32	10-15	/	/	4.4	1015.1	4.9	3.8
02	53° 53.4' N 167° 03.4' W	PC	10	096	23	03	/	/	4.6	1015.0	5.0	3.1
03	53° 59.0' N 167° 09.8' W	PC	10	085	28	8-12	/	/	4.5	1015.0	4.8	4.2
04	53° 09.9' N 167° 13.2' W	PC	10	067	32	8-12	/	/	4.4	1016.0	4.8	3.0
05	53° 52.8' N 167° 18.5' W	PC	10	083	25	7-10	/	/	4.5	1015.9	4.2	2.0
06	53° 44.1' N 167° 18.7' W	PC	10	055	30	6-8	/	/	4.6	1015.8	3.8	1.6
07	53° 38.5' N 167° 27.1' W	PC	10	095	20	6-7	/	/	4.9	1015.8	4.4	2.6
08	53° 42.5' N 167° 23.5' W	P.C.	16	090	23	6-8	/	/	4.6	1016.8	4.0	1.8
09	53° 42.4' N 167° 31.0' W	PC	10	065	18	2-4	045	6-8	4.8	1017.0	4.0	2.8
10	53° 42.5' N 167° 25.0' W	PC	08	064	18	2-4	050	6-8	4.6	1017.9	3.0	1.6
11	53° 43.2' N 167° 25.4' W	P.C.	10	085	15	3-5	060	6-8	4.6	1017.8	5.5	3.5
12	53° 52.2' N 167° 26.9' W	PC	10	063	08	3-5	045	6-8	4.6	1018.6	1.2	0.8
13	54° 04.2' N 167° 26.7' W	PC	10	060	12	3-5	060	6-8	4.4	1018.1	4.0	6.0
14	53° 59.6' N 167° 35.3' W	PC	10	045	25	3-4	055	6-8	4.5	1018.0	5.0	2.5
15	53° 51.3' N 167° 35.4' W	PC	10	046	19	2-3	055	6-8	4.5	1017.0	4.0	2.0
16	53° 37.9' N 167° 35.6' W	PC	10	068	10	2-3	070	4-5	4.9	1016.7	3.1	1.8
17	53° 32.7' N 167° 43.9' W	PC	12	000	10	2-3	055	4-5	5.0	1015.9	3.5	1.2
18	53° 33.2' N 167° 47.5' W	PC	10	030	12	2-3	020	5	5.0	1015.0	7.2	5.1
19	53° 32.5' N 167° 47.8' W	PC	10	030	11	3	/	/	5.1	1014.5	4.1	1.8
20	53° 34.4' N 167° 44.2' W	PC	10	025	18	4-6	055	6-7	5.0	1014.0	3.9	2.0
21	53° 47.7' N 167° 43.6' W	PC	10	030	13	4-6	060	6-7	5.1	1014.0	3.5	2.5
22	53° 47.7' N 167° 43.6' W	PC	8	005	21	3-4	-	-	4.5	1013.5	3.7	2.2
23	53° 46.8' N 167° 43.7' W	PC	8	028	13	7-3	-	-	4.4	1013.0	3.8	2.1
24	54° 05.1' N 167° 43.8' W	PC	10	048	15	2-3	070	5-6	4.5	1012.9	2.8	0.7

REMARKS

## DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	MONDAY	10 MAR 03	+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° 57.2' N 167° 52.2' W	PC	10	025	20	3-4	060	4-5	4.5	1012.1	1.6	1.1
02	53° 44.6' N 167° 52.3' W	PC	10	030	15	3-4	/	/	4.5	1011.1	1.2	0.9
03	53° 35.9' N 167° 52.1' W	PC	10	025	12	2-3	/	/	4.8	1010.1	2.0	1.3
04	53° 41.0' N 168° 00.5' W	PC	10	040	11	2-3	030	4-6	4.5	1009.0	2.4	1.0
05	53° 51.9' N 168° 00.5' W	PC	10	026	18	4-6	/	/	4.8	1008.0	2.0	0.9
06	53° 54.6' N 168° 00.8' W	PC	10	035	13	4-6	/	/	4.5	1008.0	2.4	-0.3
07	54° 03.8' N 168° 09.2' W	PC	10	035	16	4-6	/	/	4.7	1007.0	2.9	0.5
08	53° 52.4' N 168° 09.1' W	PC	10	038	14	4-5	/	/	4.6	1006.0	2.8	0.1
09	53° 42.7' N 168° 09.1' W	PC	10	030	20	4	040	5	4.7	1005.0	2.8	0.4
10	53° 35.2' N 168° 09.1' W	PC	10	047	14	4-6	350	2-4	4.8	1004.0	2.4	0.3
11	53° 36.1' N 168° 09.4' W	PC	08	055	15	4-6	350	2-4	4.7	1003.3	2.9	1.0
12	53° 37.2' N 168° 09.9' W	PC	08	095	12	2-3	020	3-4	4.8	1002.5	3.5	2.0
13	53° 34.8' N 168° 17.6' W	PC	10	060	12	2-3	045	3-4	4.9	1001.3	6.9	4.9
14	53° 39.1' N 168° 17.6' W	PC	10	064	13	2-3	040	4-6	4.9	1001.1	3.0	0.2
15	53° 48.6' N 168° 17.5' W	PC	10	049	13	3-4	035	4-6	4.7	1000.6	2.7	0.1
16	53° 57.8' N 168° 27.1' W	PC	10	078	24	3-4	040	4-6	4.6	1001.3	3.8	1.4
17	53° 47.4' N 168° 26.1' W	PC	10	070	27	3-8	/	/	4.7	999.9	3.2	1.9
18	53° 36.9' N 168° 26.0' W	PC	10	070	22	3	065	5-6	4.9	999.5	3.2	2.3
19	52° 26.4' N 168° 27.8' W	PC	10	070	20	3	064	5-6	5.1	999.0	3.0	2.0
20	53° 28.0' N 168° 34.4' W	PC	12	095	19	3-6	065	5-6	5.1	998.8	2.3	1.3
21	53° 35.7' N 168° 34.6' W	PC	10	094	18	3-5	045	5-8	4.8	999.5	3.0	1.7
22	53° 46.4' N 168° 39.3' W	PC	8	051	26	4-5	065	8-10	4.6	1000.1	5.2	3.9
23	53° 38.4' N 168° 48.0' W	PC	8	057	14	4-5	065	8-10	4.4	1000.0	3.3	2.1
24	53° 25.9' N 168° 42.9' W	PC	8	060	27	8-10	/	/	4.8	999.7	3.3	2.1

REMARKS

## DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	TUESDAY	11 MAR 03	+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°18.7' N 168°43.0' W	CL	8	040	22	8-10	/	/	5.1	999.3	2.7	2.7
02	53°10.8' N 168°51.4' W	CL	8	061	30	8-10	/	/	5.1	998.0	3.2	2.7
03	53°11.3' N 168°51.8' W	CL	8	055	24	10-12	/	/	5.1	998.2	3.0	2.5
04	53°27.3' N 168°51.4' W	CL	8	310	30	10-15	—	—	4.5	998.1	3.0	2.5
05	53°35.5' N 168°51.4' W	CL	5	051	34	12-16	—	—	4.1	998.5	3.2	2.4
06	53°31.8' N 168°59.9' W	CL	7	040	28	12-15	/	/	4.2	999.8	3.7	2.8
07	53°22.5' N 168°59.7' W	CL	6-7	047	32	12-15	/	/	4.8	998.2	3.9	2.9
08	53°01.4' N 168°59.3' W	CL	7	030	36	12-15	/	/	5.9	998.1	3.8	3.1
09	53°01.2' N 169°04.2' W	CL	7	040	28	12-15	/	/	5.1	997.5	3.9	3.7
10	53°04.4' N 169°03.3' W	CL	7	045	37	12-15	—	—	5.0	996.5	3.8	3.2
11	53°12.8' N 169°08.3' W	CL	7	038	34	14-18	—	—	5.0	997.1	3.7	3.3
12	53°17.3' N 169°08.0' W	CL	7	045	22	15-18	055	/	4.8	999.0	7.6	8.2
13	53°16.9' N 169°08.3' W	CL	06	065	18	15-18	045	/	4.9	999.1	6.0	6.0
14	53°24.6' N 169°05.3' W	CL	06	060	30	10-20	/	/	4.4	999.3	4.5	3.7
15	53°29.3' N 169°10.5' W	PC	08	055	27	10-20	/	/	4.3	1000.0	4.5	3.6
16	53°20.2' N 169°16.7' W	CL	08	023	33	10-20	—	—	4.3	999.7	5.0	3.9
17	53°10.8' N 169°16.6' W	CL	06	039	25	10-20	—	—	4.7	999.0	4.9	4.2
18	53°00.3' N 169°16.7' W	CL	05	045	22	10-15	/	/	5.1	999.0	5.1	4.8
19	52°52.2' N 169°24.0' W	CL	05	070	30	10-15	/	/	5.1	999.2	5.9	4.9
20	52°00.0' N 169°25.0' W	CL	05	060	26	10-15	/	/	4.9	1000.0	6.2	5.2
21	53°06.8' N 169°25.0' W	CL	06	050	20	8-12	/	/	4.8	1000.5	5.0	3.8
22	52°43.1' N 169°23.1' W	CL	06	043	24	10-15	—	—	4.7	1001.1	6.6	5.5
23	53°23.8' N 169°25.0' W	PC	08	068	17	10-20	—	—	4.6	1001.8	4.8	3.1
24	53°24.3' N 169°28.3' W	PC	10	060	19	3-5	040	8-10	4.3	1003.0	4.7	3.7

REMARKS

## DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	WEDNESDAY	12 MAR 03	+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°05' N 169°33.5' W	PC	10	040	20	3-5	050	8-10	4.8	1003.1	5.4	4.6
02	53°10.4' N 169°33.4' W	PC	10	030	18	3-5	050	8-10	4.9	1003.0	4.9	4.5
03	53°08' N 169°35' W	CL	10	048	18	4-6	340	6-8	4.5	1003.0	5.3	4.3
04	53°12.9' N 169°41.8' W	CL	10	044	14	4-6	340	6-8	5.0	1003.0	4.8	3.8
05	53°21.1' N 169°42.0' W	CL	10	038	16	4-6	—	7-10	4.9	1003.0	4.7	3.7
06	53°29.4' N 169°42.9' W	CL	10	040	21	6-10	—	—	4.6	1004.1	4.3	3.3
07	53°23.9' N 169°50.3' W	CL	8	030	16	6-8	—	—	4.8	1004.3	5.3	4.2
08	53°05.8' N 169°50.3' W	CL	8	040	20	6-7	050	7-10	4.9	1003.9	5.0	3.6
09	53°07.7' N 169°53.6' W	CL	8	040	20	5-7	050	6-8	5.3	1004.0	5.3	4.2
10	53°13.3' N 169°58.8' W	CL	8	039	16	4-6	050	6-8	4.9	1004.5	4.5	4.0
11	53°22.1' N 169°58.7' W	CL	8	045	07	2-4	040	6-8	4.5	1005.4	3.6	2.3
12	53°17.3' N 169°51.3' W	CL	08	010	16	2-3	040	6-8	4.4	1005.9	5.0	4.0
13	53°17.3' N 169°44.3' W	CL	08	020	16	2-3	045	6-8	4.9	1005.1	4.9	3.2
14	53°06.1' N 169°34.8' W	CL	08	028	18	3-5	045	6-8	5.3	1004.5	5.0	3.0
15	53°03.6' N 169°49.2' W	CL	10	015	17	6-8	335	2-4	5.0	1004.4	4.1	2.2
16	53°03.1' N 169°04.4' W	CL	08	009	18	5-6	045	4-6	5.1	1003.9	4.1	2.2
17	53°00.7' N 169°21.2' W	CL	08	012	20	3-4	305	4-6	4.9	1004.0	6.0	4.2
18	52°58.7' N 169°30.9' W	CL	08	350	18	2-3	040	4-6	5.1	1002.5	3.5	1.6
19	52°58.8' N 169°13.9' W	CL	08	330	22	2-3	065	6	5.3	1001.5	3.0	1.5
20	53°00.9' N 169°28.3' W	CL	10	005	27	3	045	8	5.2	1001.2	3.9	2.1
21	53°04.4' N 169°08.2' W	CL	10	040	24	6-8	040	8	5.2	1001.6	3.8	2.2
22	53°06.2' N 159°06.5' W	CL	08	034	28	5-6	—	—	5.1	1001.5	3.0	1.8
23	53°03.5' N 169°09.4' W	CL	08	027	26	6	—	—	5.3	1000.9	2.4	0.6
24	53°05' N 169°10.5' W	CL	08	025	27	8-10	—	—	5.2	1000.1	3.5	2.0

## REMARKS

✓ 2310 GUSTS TO 32 Kts.

## DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP				DAY		DATE		TIME ZONE				
MILLER FREEMAN				THURSDAY		13 MAR 03		+ 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°06.7 N 169°18.8 W	CL	10	015	31	8-10	—	—	4.9	1001.3	2.8	1.2
02	52°56.7 N 169°18.7 W	CL	10	020	32	8-10	—	—	5.1	1001.2	2.4	1.1
03	52°58.2 N 169°18.4 W	CL	10	020	20	10-14	—	—	5.1	1000.8	2.9	1.4
04	52°57.6 N 169°19.7 W	CL	10	022	23	10-14	—	—	5.0	1000.2	2.9	1.2
05	52°54.7 N 169°20.1 W	CL	10	010	30	10-14	—	—	5.2	1000.5	3.0	0.2
06	52°56.0 N 169°20.8 W	CL	10	025	28	14-18	—	—	5.1	999.6	0.5	-0.7
07	53°00.3 N 169°21.0 W	CL	8	005	30	14-18	—	—	4.9	999.8	0.8	-1.0
08	53°04.4 N 169°21.9 W	CL	8	035	27	15-18	—	—	4.9	1000.0	3.1	1.3
09	53°06.6 N 169°16.7 W	CL	10	011	28	15-18	—	—	4.8	1000.0	0.2	-1.1
10	53°01.7 N 169°12.5 W	CL	10	007	23	15-18	—	—	4.9	1000.0	0.2	-0.9
11	52°57.1 N 169°11.6 W	CL	10	006	27	15-20	—	—	—	999.8	0.0	-1.4
12	52°53.8 N 169°21.6 W	CL	08	005	24	15-20	—	—	5.3	1000.0	2.5	1.1
13	52°47.6 N 169°34.7 W	CL	04	015	26	12-15	—	—	5.1	999.9	3.7	2.0
14	52°46.8 N 169°30.7 W	CL	06	025	08	1-2	—	—	5.1	1000.0	3.8	2.2
15	52°47.9 N 169°46.2 W	CL	06	020	18	1-3	—	—	5.2	1000.3	1.0	0.0
16	52°47.4 N 169°48.5 W	PC	08	302	25	1-3	—	—	5.1	1000.1	0.6	0.0
17	52°47.3 N 169°47.9 W	CL	06	322	07	1-3	—	—	5.1	1000.0	2.9	0.0
18	52°46.9 N 169°46.9 W	CL	03	000	10	2-3	—	—	5.2	1000.5	1.5	-1.5
19	52°46.7 N 169°46.4 W	CL	03	325	05	2-3	—	—	5.1	1001.0	0.5	-1.0
20	52°46.5 N 169°46.6 W	CL	01	040	10	2-3	—	—	5.1	1000.8	-1.5	-2.0
21	52°45.7 N 169°45.7 W	CL	03	010	10	2-3	—	—	5.1	1001.0	-1.5	-3.0
22	52°45.7 N 169°45.1 W	CL	06	006	24	4-5	—	—	4.9	1000.6	-2.0	-3.0
23	52°43.2 N 169°43.7 W	CL	4	319	14	2-3	—	—	4.9	1000.8	-0.6	-1.2
24	52°46.8 N 169°44.9 W	CL	4	000	12	2-3	—	—	5.1	1000.6	-0.7	-1.1

REMARKS

## DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	FRIDAY	14 MAR 03	+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	52°47.0' N 169°47.3' W	S	<1	000	15	2-3	—	—	5.0	1000.0	-2.1	-2.8
02	52°46.8' N 169°46.2' W	S	5	010	20	2-3	—	—	4.9	1000.0	-1.8	-1.8
03	52°46.7' N 169°46.2' W	S	6	350	20	2-3	—	—	4.5	999.2	-0.2	-1.2
04	52°46.4' N 169°45.1' W	CL	10	003	30	5-7	—	—	4.5	999.2	-1.2	-2.1
05	52°46.0' N 169°45.7' W	CL	10	005	34	4-7	—	—	4.9	999.6	-1.4	-2.2
06	52°46.5' N 169°46.2' W	S/PC	4-6	355	29	5-7	—	—	5.1	999.0	-1.2	-1.4
07	52°45.2' N 169°38.3' W	CL	6	355	25	6-8	—	—	5.1	999.9	-1.0	-1.2
08	52°46.1' N 169°45.5' W	S/PC	6	358	20	6-8	—	—	5.0	999.1	0.2	-0.8
09	52°46.3' N 169°45.8' W	S/PC	6	240	25	6-8	—	—	5.0	999.0	0.3	-1.0
10	52°44.1' N 169°42.5' W	CL	10	348	20	2-5	050	8-10	5.1	1001.2	-0.3	-2.1
11	52°43.1' N 169°39.6' W	CL	7	317	32	12-15	—	—	5.0	999.1	-0.3	-1.3
12	52°43.1' N 169°44.3' W	PC	06	305	26	5-6	—	—	5.0	999.0	0	7.0
13	52°43.2' N 169°47.5' W	PC	06	325	36	6-7	—	—	5.1	997.9	-1.0	-2.0
14	52°53.2' N 168°04.9' W	S/CL	00	327	39	6-7	—	—	5.0	999.7	2.5	-1.5
15	52°57.0' N 168°36.9' W	PC	06	321	43	6-7	—	—	4.9	996.2	1.0	2.1
16	53°02.5' N 168°18.5' W	PC	06	324	37	6-7	—	—	5.1	996.2	-1.5	-2.0
17	53°09.7' N 168°06.5' W	PC	06	322	37	4-5	—	—	5.0	997.4	-1.5	-2.0
18	53°12.7' N 167°32.7' W	PC	06	340	38	5-6	—	—	5.0	995.0	-1.5	-2.0
19	53°14.2' N 167°30.0' W	CL	02	320	30	5-6	—	—	4.6	995.5	-2.0	-2.5
20	53°16.6' N 167°16.6' W	PCL	04	323	36	5-7	—	—	4.8	995.0	-1.0	-2.0
21	53°24.4' N 166°59.7' W	SW/F	02	330	32	4-7	—	—	4.6	995.0	-1.5	-3.0
22	53°27.3' N 166°41.0' W	PC	06	340	16	4-5	—	—	4.8	995.0	-2.4	-4.0
23	53°34.1' N 166°28.6' W	CL	04	319	27	5-6	—	—	4.7	994.7	-2.3	-3.5
24	53°40.1' N 166°17.3' W	CL	<1	330	32	4-5	—	—	4.9	995.0	-3.1	-3.9

REMARKS

\* 0700 - WET BULB FROZEN