

MF-03-06

MAY 6, 03 - May 15, 03

NOAA FORM 77-13d
(3-76)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	TUES	06 MAY 03	+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°53.5 166°32.0 W	CL	05	250	08	>1	/	/	N/A	1017.5	8.0	7.5
05												
06												
07												
08	53°53.5 N 166°32.0 W	CL	06	240	08	>1	-	-	N/A	1018.2	8.1	7.5
09												
10												
11												
12	53°53.5 N 166°32.0 W	CL	05	060	06	<1	-	-	N/A	1020.9	8.5	6.8
13												
14												
15	53°59.1 N 166°34.5 W	CL	04	000	03	<1	/	/	5.5	1020.1	7.0	6.0
16	54°01.1 N 166°48.5 W	CL	03	250	12	1	-	-	5.4	1020.0	8.5	8.0
17	53°56.2 N 167°09.2 W	CL	03	053	12	<1	260	3-	5.2	1019.7	8.0	7.6
18	53°50.4 N 167°38.0 W	R	3	078	11	<1	260	3-4	5.3	1018.7	6.2	6.2
19	53°44.8 N 167°45.5 W	R	5	130	18	1	260	3-4	5.0	1017.1	6.1	6.1
20	53°39.6 N 168°02.5 W	CL/L	05	120	18	2	260	4-5	5.3	1015.8	7.0	6.5
21	53°34.5 N 168°19.2 W	CL/L	05	207	07	2	270	3-4	5.2	1013.6	8.0	7.2
22	53°24.6 N 168°34.0 W	CL	04	240	03	1-2	235	2-4	5.3	1014.1	7.6	6.6
23	53°25.7 N 168°50.0 W	CL	7-8	200	24	2-3	270	4	5.3	1014.1	6.5	6.5
24	53°25.2 N 168°50.7 W	CL	7	213	20	2	230	4	5.1	1013.7	7.2	7.1

REMARKS
IMPORT

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	WEDNESDAY	7 MAY 03	+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	53°24.1' N 168°51.4' W	CL/L	7	213	19	2ft	230	4ft	5.1	1014.0	7.2	7.1
02	53°24.4' N 168°51.1' W	CL/	7	250	14	2	230	4'	5.1	1015.0	7.1	6.5
03	53°15.0' N 168°54.7' W	CL	7	235	17	2	230	4	5.1	1015.0	5.1	4.9
04	53°05.5' N 168°58.9' W	CL	06	230	05	1-3	230	4	5.1	1015.0	7.3	7.0
05	53°01.4' N 168°02.9' W	CL	06	245	04	1	230	3-4	5.3	1015.5	6.7	6.0
06	53°00.8' N 168°02.7' W	CL	10	278	05	1	—	—	5.2	1015.8	5.9	5.2
07	53°01.2' N 168°09.8' W	CL	10	300	03	1	230	2-3	5.2	1015.8	6.5	6.2
08	53°01.1' N 168°59.6' W	CL	8	300	6	1	250	3-4	5.2	1016.0	7.1	6.5
09	53°01.6' N 169°04.1' W	L	8	330	4	<1	260	3	5.2	1016.0	7.1	6.5
10	53°01.7' N 169°17.8' W	CL	10	270	4	1	230	3-4	5.1	1016.2	7.1	6.5
11	53°01.4' N 169°32.0' W	CL	10	320	8	2-3	160	4-5	4.9	1016.3	6.9	5.9
12	53°01.5' N 169°31.7' W	CL	10	310	7	1	200	4	5.0	1016.3	5.8	5.0
13	OPERATIONS											
14	52°50.0' N 169°57.8' W	CL	10	230	3	<1	200	3-4	4.8	1016.6	9.8	8.5
15	52°44.9' N 169°31.2' W	PC	10	260	2	<1	195	3-4	4.9	1016.1	10.0	8.8
16	52°40.8' N 169°35.0' W	CL	10	218	14	<1	160	3-5	4.7	1016.5	6.8	5.1
17	52°42.1' N 169°25.1' W	CL	10	255	14	<1	220	5	5.3	1016.5	9.1	7.2
18	OPERATIONS											
19	52°43.9' N 169°23.4' W	CL	10	250	11	<1	220	3	5.3	1016.4	7.0	6.1
20	52°45.6' N 169°23.9' W	CL/HAZE	10	275	13	1	290	2-3	5.4	1016.6	11.0	9.0
21	52°44.5' N 169°21.1' W	PC	10	250	7	1	250	4	5.5	1016.8	6.2	4.8
22	52°41.9' N 169°22.8' W	PC	10	270	14	2-3	280	4-5	5.4	1016.9	8.5	6.1
23	52°40.5' N 169°43.0' W	PC	09	265	14	2-3	250	3-5	5.5	1016.8	7.0	5.8
24	52°37.0' N 169°43.5' W	PC	10	270	12	2	245	3-5	5.5	1017.0	4.0	5.8

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN R223	THURSDAY	08 MAY 03	+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° 32.9' N 168° 35.9' W	CL	12	259	4-11	4-5	90	5-6	5.4	1016.7	6.1	5.1
02	52° 28.8' N 168° 32.0' W	CL	12	270	16	4-5	90	5-6	5.4	1016.8	5.4	3.8
03	52° 23.5' N 168° 25.4' W	CL	12	260	15	4-5	90	5-6	5.6	1017.1	5.5	3.9
04	52° 23.5' N 168° 28.6' W	PC	12	250	13	3-4	090	5-6	5.6	1016.8	6.3	5.3
05	52° 11.9' N 168° 11.9' W	PC	12	260	12	3	090	5	5.4	1016.8	6.0	6.0
06	52° 11.9' N 168° 16.2' W	PC	12	290	15	3-4	090	5-6	5.4	1016.4	6.6	5.6
07	52° 11.8' N 168° 17.5' W	PC	12	295	09	4	220	6	5.5	1016.2	6.7	6.0
08	52° 10.0' N 168° 14.5' W	PC	10	275	09	2	260	3	5.5	1016.0	6.1	6.1
09	52° 10.2' N 168° 09.5' W	PC	10	272	09	2	255	3-4	5.6	1016.3	6.2	5.2
10	52° 10.2' N 168° 09.7' W	L	6	255	08	2	250	3-4	5.6	1016.0	6.0	5.0
11	52° 10.2' N 168° 11.7' W	PC	10	255	09	2	260	3-4	5.6	1016.0	7.0	6.2
12	52° 10.2' N 168° 13.7' W	PC	11	263	14	1-2	250	4	5.6	1016.0	8.0	6.5
13	52° 11.6' N 168° 15.9' W	PC	11	253	10	1-2	250	3-4	5.6	1015.8	5.6	4.7
14	52° 23.5' N 168° 19.3' W	PC	11	242	15	1-2	255	3-4	5.7	1015.0	9.0	7.2
15	52° 23.4' N 168° 20.7' W	PC	08	240	12	2	245	4-5	5.6	1014.9	7.0	6.0
16	52° 23.5' N 168° 26.1' W	PC	10	295	15	2-3	290	3-5	5.8	1013.2	6.3	5.7
17												
18	52° 31.6' N 168° 33.7' W	PC	10	225	18	1-3	290	2-4	5.7	1012.3	8.0	7.8
19	52° 34.2' N 168° 09.3' W	PC	10	220	15	1-3	290	2-4	5.8	1011.3	8.2	7.3
20	52° 33.7' N 168° 31.8' W	CL	10	210	08	1-2	250	3-5	5.8	1011.1	5.2	4.9
21	52° 33.1' N 168° 35.3' W	CL	10	190	12	2-3	250	3-5	5.8	1010.3	5.1	4.7
22	52° 34.8' N 168° 38.8' W	CL	10	196	17	2	275	4	5.7	1010.0	6.0	5.5
23	52° 46.1' N 168° 46.8' W	CL	10	190	17	2-3	240	4-6	5.5	1008.8	5.5	5.0
24	52° 41.6' N 168° 47.7' W	CL	10	176	18	2-3	210	4-5	5.6	1008.1	4.6	4.5

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN R223

DAY

FRIDAY

DATE

09 MAY 03

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	52° 41.0' N 168° 36.0' W	CL/L	8	156	19	3	170	8	5.6	1016.9	7.5	6.9
02	52° 39.3' N 168° 04.9' W	CL/R	8	165	26	3	170	8	5.5	1015.1	4.9	4.3
03	52° 37.1' N 168° 21.1' W	CL/R	8	153	22	4	170	8	5.5	1014.1	4.8	4.1
04	52° 35.4' N 169° 36.3' W	CL/R	8	145	22	4-5	170	6-8	5.3	1012.2	4.8	4.1
05	52° 33.5' N 169° 52.7' W	CL/R	6	143	21	4-5	170	6-8	5.3	1001.75	5.0	5.3
06	52° 31.3' N 170° 10.8' W	CL	8	130	17	4-5	150	6-8	5.1	1000.3	5.1	5.8
07	52° 28.9' N 170° 36.1' W	CL/L	3	145	12	5-6	180	6-8	4.8	999.1	5.0	5.4
08	52° 27.7' N 170° 43.3' W	CL/R	2.5	150	12	2-3	180	10-12	5.2	999.0	6.4	5.4
09	52° 25.1' N 171° 03.9' W	CL/R	2.5	235	10	2-3	180	10-12	4.9	999.1	6.9	6.3
10	52° 25.1' N 171° 23.5' W	L	2	295	8	2-4	170	6-9	5.4	999.8	7.1	6.1
11	52° 25.5' N 171° 33.5' W	PC	6	323	10	2	170	5-6	5.6	1000.7	8.9 ⁵⁵	8.6
12	52° 25.2' N 171° 39.5' W	CL	10	312	10	1	210/170	5/3	6.0	1001.2	5.2	4.9
13	52° 24.2' N 171° 51.2' W	CL	11	301	09	1	240/140	4-5/4	4.3	1002.2	5.0	4.4
14	52° 24.7' N 171° 57.7' W	CL	10	312	14	1-2	230/140	5/4	4.3	1003.0	5.1	4.8
15	52° 23.0' N 172° 07.3' W	CL	10	305	14	1-2	230/140	5/4	4.6	1003.8	5.1	4.6
16				300	12							
17	52° 23.9' N 171° 56.3' W	CL	10	300	12	1-3	230	3-5	4.4	1005.6	6.8	5.7
18	52° 24.0' N 171° 55.0' W	CL	10	315	11	1-3	230	3-4	4.8	1005.0	7.0	6.7
19	52° 25.0' N 171° 31.5' W	CL	10	330	10	1-2			5.6	1005.4	6.3	6.2
20	52° 26.0' N 171° 28.6' W	CL	10	310	10	1-2	220	5	5.2	1005.5	5.5	5.2
21	52° 27.3' N 171° 27.3' W	CL	10	315	12	2	240	5-8	4.9	1006.6	6.0	5.4
22	52° 26.8' N 171° 36.8' W	CL	10	315	15	2-3	240	5-8	5.0	1006.5	5.5	4.4
23	52° 25.5' N 171° 43.0' W	CL	10	250	08	1-2	240	3-6	5.6	1007.2	6.0	5.0
24	52° 24.7' N 171° 54.9' W	CL	10	108	05	1	210	4-5	5.0	1007.0	6.9	5.6

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN R223	SATURDAY	10 MAY 03	+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°22.9'N 172°07.1'W	CL	10	176	07	1	210	4-5	4.5	1007.3	5.1	5.0
02	52°21.2'N 172°13.0'W	CL	10	204	10	1	210	4-5	4.3	1008.0	5.9	5.1
03	52°25.5'N 172°29.8'W	CL	10	185	10	1	200	4	4.8	1007.0	5.4	4.9
04	52°19.4'N 172°42.6'W	CL	10	165	13	1-2	210	3-4	4.3	1006.9	5.4	5.3
05	52°12.0'N 172°45.0'W	CL	07	170	12	1-2	345	3-4	4.3	1007.8	5.8	5.8
06	52°17.0'N 172°45.1'W	CL	10	192	6	1	170	3	4.5	1007.9	6.8	6.8
07	52°17.0'N 172°45.0'W	CL	10	218	8	1	160	3-5	4.5	1007.2	6.2	6.2
08	52°15.6'N 172°44.4'W	CL	8	255	11	1-2	170	3-5	4.5	1009.1	5.9	4.5
09	52°15.8'N 172°44.9'W	CL	8	250	12	1-2	170	3-5	4.6	1008.2	6.0	5.3
10	52°16.0'N 172°44.9'W	CL	10	250	8	1-2	160	3-4	4.6	1008.8	6.1	5.7
11	52°16.3'N 172°44.9'W	CL	8	269	8	2	150	2-3	4.5	1009.0	8.9	7.0
12	52°16.4'N 172°44.9'W	CL	8	243	9	1-2	170	3-4	4.5	1009.0	6.0	5.5
13	52°17.3'N 172°45.1'W	CL	7	278	11	2	170	3-4	4.5	1009.1	6.2	5.6
14	52°11.2'N 172°33.0'W	CL	04	250	10	2	230	4-5	4.5	1010.0	7.0	6.0
15	52°03.2'N 172°32.5'W	CL	05	270	20	2	250	7	4.5	1010.0	7.0	6.0
16	51°58.9'N 172°45.3'N	CL	08	224	20	4-8	265	6-8	4.4	1009.9	5.8	5.2
17	51°56.9'N 173°06.7'W	CL	10	243	20	3-4	260	4-6	4.3	1010.4	6.3	6.0
18	51°54.6'N 173°24.6'W	CL	10	242	20	3-4	260	5-6	4.9	1011.0	7.3	6.8
19	51°53.5'N 173°40.6'W	CL	10	242	20	2-3	265	5-6	5.4	1011.0	7.5	6.9
20	51°52.0'N 173°58.0'W	CL	08	253	22	3	260	7	4.6	1011.0	6.5	6.0
21	51°50.5'N 174°13.0'W	CL	05	250	20	3	260	7-8	5.2	1011.3	6.5	6.0
22	51°48.9'N 174°29.9'W	CL	07	237	22	3-4	255	7-10	5.1	1012.1	5.8	5.1
23	51°47.5'N 174°43.1'W	PC	07	250	25	3-4	255	7-10	5.1	1011.2	4.7	4.3
24	51°46.0'N 175°00.3'W	PC	10	240	27	3-4	250	7-10	5.2	1012.2	5.5	5.0

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

SUNDAY

DATE

11 MAY 03

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	51°44.9'N 175°12.9'W	CL	8	225	31	3-4	250	6-8	5.6	1012.5	5.0	4.8
02	51°43.4'N 175°27.7'W	CL	8	240	30	10	250	6-8	5.6	1012.2	5.4	4.8
03	51°47.0'N 175°42.5'W	CL	8	240	25	10-12	250	6-8	5.6	1012.1	5.0	4.9
04	51°40.4'N 175°53.0'W	CL	8	245	30	10-12	260	—	5.3	1012.0	4.5	4.5
05	51°39.5'N 175°07.2'W	CL	08	220	21	8-12	—	—	5.4	1012.0	5.0	4.9
06	51°37.7'N 176°28.4'W	CL	6	240	21	9-11	—	—	5.1	1012.2	5.0	5.0
07	51°36.0'N 176°43.4'W	CL	8	250	09	4-5	250	6-8	4.9	1012.8	5.0	5.0
08	51°35.0'N 176°56.6'W	CL/R	8	266	26	3	250	10	4.7	1012.0	6.0	4.9
09	51°34.8'N 177°04.4'W	CL	8	260	26	3	250	10	4.7	1012.0	5.3	4.8
10	51°34.9'N 177°19.9'W	CL	8	230	25	8-10	260	10-12	4.9	1012.8	5.1	4.8
11	51°35.3'N 177°37.3'W	CL	08	245	23	8-10	260	10-12	4.6	1014.5	5.7	4.9
12	51°35.03'N 177°51.7'W	PC	8	246	22	8-10	260	10-12	4.6	1013.3	6.9	4.5
13	51°35.3'N 178°05.4'W	CL	9	255	25	6-7	270	10-12	4.8	1013.5	6.2	4.2
14	OPERATIONS											
15	51°36.3'N 178°15.6'W	PC	8	265	26	5-6	260	5-8	4.6	1013.8	5.0	4.9
16	51°42.2'N 178°52.1'W	CL	8	255	25	5-6	—	—	4.5	1014.0	5.1	5.0
17	51°45.3'N 178°13.5'W	PC	8	252	22	4-5	—	—	4.6	1013.4	4.9	4.8
18	52°05.4'N 177°54.7'W	PC	8	250	22	4	270	8	4.6	1013.1	5.0	5.0
19	52°13.3'N 177°48.9'W	PC	C	241	20	2-3	290	4-5	4.7	1012.5	8.1	6.2
20	52°25.2'N 177°32.8'W	CL	08	260	20	3	290	7	4.6	1012.1	5.0	4.0
21	52°34.4'N 177°19.1'W	CL	08	260	22	3	290	5-6	4.8	1012.0	5.0	4.0
22	52°43.5'N 177°03.5'W	PC	08	260	22	3	295	5-6	4.5	1012.6	5.8	4.8
23	52°52.2'N 176°54.5'W	PC	08	238	24	3	250	5-6	4.4	1011.9	5.2	4.3
24	53°03.0'N 176°38.8'W	PC	10	263	20	2-3	270	5	3.8	1012.3	4.8	3.9

REMARKS

DECK LOG – WEATHER OBSERVATION SHEET

NOAA SHIP				DAY		DATE		TIME ZONE				
MILLER FREEMAN				MONDAY		12 MAY 03		+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	53°09.7' N 176°25.2' W	PC	8	268	19	2-3	265	6-8	3.6	1012.0	3.9	3.7
02	53°17.6' N 176°17.2' W	PC	8	242	12	3	260	6	3.5	1012.0	3.8	3.7
03	53°27.6' N 176°03.4' W	PC	8	290	15	3	260	6	3.7	1012.0	3.9	3.4
04	53°33.4' N 175°52.1' W	PC	8	265	18	3-6	260	6	3.6	1011.5	3.8	3.5
05	53°46.9' N 175°35.5' W	PC	8	265	18	3-	265	6-10	3.4	1011.5	3.5	3.2
06	53°56.2' N 175°22.2' W	PC	10	300	21	2-4	270	5-8	3.6	1011.4	2.4	2.9
07	54°04.9' N 175°09.2' W	PC	10	260	19	2-4	270	4-7	3.8	1012.0	3.0	3.1
08	54°11.7' N 174°52.4' W	PC	05	290	24	2-3	270	4-6	3.8	1011.6	3.4	3.4
09	54°29.0' N 174°44.1' W	PC	07	276	26	2-3	270	4-6	3.8	1011.0	2.9	2.8
10	54°28.1' N 174°33.1' W	PC	07	280	22	4-6	260	4-6	3.7	1012.0	2.9	2.9
11	54°37.7' N 174°18.0' W	PC	07	265	21	4-6	270	6-10	3.5	1012.0		
12	54°46.4' N 174°04.4' W	PC	08	287	22	4-6	320	5-8	3.7	1012.4	2.9	2.9
13	54°54.9' N 173°51.1' W	PC	09	282	22	2-4	300	6-8	3.8	1012.3	3.7	3.0
14	55°03.9' N 173°36.9' W	CL	08	280	20	2-4	300	6-8	4.3	1012.5	3.5	3.0
15	55°12.3' N 173°23.0' W	CL	08	300	22	2-4	300	6-8	4.3	1012.5	3.5	3.0
16	55°20.4' N 173°09.4' W	CL	08	283	23	2-4	300	6-8	3.8	1012.8	4.0	4.0
17	55°28.3' N 172°55.9' W	PC	10	286	24	3-4	300	6-8	3.9	1012.2	5.3	3.9
18	55°36.4' N 172°42.5' W	PC	10	275	29	3-4	300	7-8	4.8	1012.3	3.8	3.4
19	55°46.3' N 172°22.0' W	PC	10	270	20	3-4	310	8-10	4.9	1012.1	4.1	4.5
20	55°52.8' N 172°14.5' W	CL	10	300	22	3-4	300	7-8	4.9	1012.7	4.5	4.0
21	56°00.9' N 172°00.1' W	CL	08	290	28	3-4	295	7-8	5.0	1012.7	5.0	4.5
22	56°08.6' N 171°47.3' W	CL	08	275	18	3-4	285	7-8	5.0	1011.4	4.0	3.7
23	56°16.4' N 171°32.0' W	PC	10	274	18	3-4	300	7-8	4.9	1011.8	3.9	3.7
24	56°26.2' N 171°16.2' W	PC	10	253	22	3-4	285	7-8	4.7	1011.2	3.0	2.5
REMARKS												
0800 Snow FL, 0915 SNOW FL, 1705 SNOW FL												

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN R223	TUESDAY	13 MAY 03	+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°33.2'N 171°03.0'W	PC	7	292	09	2-3	270 330	6-8 5-7	4.6	1011.2	2.6	2.5
02	56°42.0'N 170°46.7'W	PC	7	290	14	2	280	6	4.3	1011.0	2.4	2.3
03	56°48.9'N 170°33.8'W	PC	7	260	13	2	280	6	4.5	1011.0	3.6	3.4
04	56°57.0'N 170°19.0'W	PC	7	280	16	2-3	280	6	4.0	1010.5	2.5	2.5
05	57°06.6'N 170°01.3'W	PC	7	260	18	3-4	280	6	4.0	1010.2	1.3	2.0
06	57°18.3'N 169°42.5'W	PC	10	280	12	2-3	270	6	3.9	1009.2	2.3	2.2
07	57°26.0'N 169°30.4'W	PC	10	278	10	2-3	290	4-6	3.9	1009.2	2.2	2.1
08	57°34.7'N 169°18.4'W	PC	10	308	08	2-3	290	6	3.9	1009.0	1.8	1.7
09	57°47.0'N 169°06.0'W	PC	10	308	09	2-3	290	6	3.9	1009.1	2.3	1.9
10	57°50.9'N 168°52.4'W	PC	10	300	07	1-2	360	5-6	3.1	1009.5	2.1	1.5
11	57°50.8'N 168°52.5'W	PC	10	310	04	1-2	340	4-5	3.1	1009.5	2.6	4.0
12	57°51.0'N 168°51.9'W	PC	10	310	04	1	250 350	6 4-6	3.1	1009.9	3.0	2.2
13	57°49.9'N 168°54.0'W	PC	10	311	CALM	<1	250 350	6 4-6	3.1	1010.0	5.2	4.1
14	57°51.0'N 168°52.5'W	PC	10	LIGHT VARIABLE		<1	260 010	4 3	3.1	1009.9	6.6	5.3
15	57°50.1'N 168°42.7'W	CL	08	LIGHT VARIABLE		<1	260 010	4 3	2.5	1009.9	6.5	5.0
16	57°45.1'N 168°22.4'W	CL	08	104	VAR	<1	005	3-4	2.5	1010.0	5.2	4.1
17	57°41.9'N 168°06.3'W	CL	10	090	-	<1	005	3-4	2.7	1010.2	4.7	4.5
18	57°37.2'N 167°43.5'W	PC	10	340	5	<1	000	2-3	3.4	1010.2	4.7	3.6
19	57°33.2'N 167°23.6'W	PC	10	335	5	<1	350	3	3.6	1010.2	4.8	5.9
20	57°28.8'N 167°02.3'W	PC	08	LIGHT VARIABLE		<1	350	3	3.6	1010.5	4.5	3.5
21	57°28.7'N 166°39.1'W	PC	08	LIGHT VARIABLE		<1	328	3	3.3	1011.2	4.5	4.0
22	57°19.5'N 166°18.6'W	PC	08	313	06	<1	252	3	3.3	1011.1	2.9	2.4
23	57°13.5'N 165°08.3'W	PC	08	335	08	<1	250	3-4	3.4	1011.4	2.0	1.5
24	57°11.4'N 165°37.2'W	PC	10	330	08	1	320	2-3	2.9	1012.0	1.8	1.0

REMARKS

0313 SNOW FLURRIES.

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN 2223

DAY

WEDNESDAY

DATE

14 MAY 03

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	51° 01.5' N 165° 18.1' W	PC	10	323	11	1	000	4-5	3.2	1012.9	2.1	1.3
02	57° 03.3' N 164° 51.0' W	PC	10	325	10	1	000	4-5	2.6	1013.0	1.9	1.4
03	56° 58.4' N 164° 33.3' W	PC	10	340	08	1	000	4-5	2.7	1013.0	1.4	1.0
04	56° 54.0' N 164° 14.1' W	PC	10	335	08	1	000	4-5	3.2	1013.0	1.5	1.0
05	56° 52.9' N 164° 03.4' W	PC	10	315	06	1	005	4-5	3.3	1013.0	1.7	1.5
06	56° 52.7' N 164° 02.4' W	CL	10	320	08	1	355	5	3.3	1013.1	1.9	1.4
07	56° 52.0' N 164° 01.8' W	CL	10	320	08	1-2	350	4-5	3.3	1013.2	2.0	1.3
08	56° 51.8' N 164° 03.3' W	PC	10	300	8	1-2	300	3-4	3.3	1013.2	2.8	2.0
09	56° 52.3' N 164° 00.9' W	PC	10	270	9	1	300	3	3.3	1013.8	3.0	2.5
10	56° 52.2' N 164° 01.6' W	CL	10	270	5	1	350	3-5	3.3	1014.2	3.7	1.5
11	56° 52.1' N 164° 00.6' W	PC	10	276	7	1	300	3	3.3	1014.3	6.0	4.0
12	56° 52.0' N 164° 03.2' W	PC	10	212	3	1	010	3-4	3.4	1014.6	5.1	4.8
13	56° 51.9' N 164° 03.0' W	PC	10	320	16	<1	230/240	3-4	3.5	1015.8	7.9	4.8
14	56° 48.2' N 164° 06.3' W	PC	08	340	08	<1	225	3-4	3.5	1015.3	6.5	6.0
15	56° 37.7' N 164° 14.2' W	PC	10	344	11	1	235	4	3.6	1016.3	8.0	7.2
16	56° 27.2' N 164° 22.4' W	PC	12	336	11	1-2	235	4	4.0	1016.4	8.0	6.9
17	56° 17.4' N 167° 32.7' W	PC	10	325	6	1	230	4	4.4	1016.1	7.4	6.0
18	56° 07.0' N 164° 40.7' W	PC	10	300	15	1-2	230	3-4	4.4	1017.3	8.4	6.6
19	55° 56.2' N 164° 49.6' W	PC	08	298	15	2	230	4	4.4	1018.0	7.0	6.0
20												
21	55° 45.5' N 164° 58.7' W	PC	08	320	15	2	230	4	4.5	1018.8	6.0	5.0
22	55° 34.7' N 164° 07.9' W	PC	08	300	18	3-5	200	4-6	4.7	1019.2	4.8	3.2
23	55° 23.3' N 165° 17.7' W	PC	08	318	12	2-3	260	4-5	4.8	1020.1	5.1	5.0
24	55° 08.7' N 165° 29.5' W	PC	08	305	10	3-3	250	4-5	4.9	1021.2	5.0	5.0

REMARKS

1900 weather not observed

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP MILLER FREEMAN	DAY THURSDAY	DATE 15 MAY 03	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	55° 01.8' N 165° 35.1' W	PC	6-8	288	6	1-2	265	4	5.0	1021.3	6.1	5.2
02	54° 47.7' N 165° 47.5' W	PC	8	335	14	2	250	4	5.0	1022.2	6.3	5.5
03	54° 41.1' N 165° 54.8' W	PC	8	310	09	2	220	3	5.2	1023.0	5.9	5.0
04	54.323 165.560	PC	09	300	11	2	220	4	5.0	1022.0	6.0	5.0
05	54.332 166.071	PC	09	305	10	2	220	4	5.0	1023.2	6.2	5.0
06	54.275 166.13.5	PC	10	310	12	1-2	220	3-4	5.0	1023.5	6.0	5.0
07	54.19.0 166.15.6	PC	10	305	12	1-2	260	4-5	5.1	1023.5	6.5	5.4
08	54.03.8 N 166.21.9 W	PC	10	300	12	1-2	260	4-5	—	1024.0	6.5	5.4
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REMARKS