

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

DAY

DATE

TIME ZONE

MILLER FREEMAN

THURSDAY 5/24/01

+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 53.0 N 166 31.8 W	CL	10	290	03	—	—	—	—	1022.0	4.0	2.0
05												
06												
07												
08	53.53.0 N 166.31.8 W	CL	10	165	03	—	—	—	—	1022.6	1.5	0.0
09												
10												
11												
12	53.53.0 N 166.31.8 W	PC	10	165	06	—	—	—	—	1023.2	7.9	5.7
13												
14												
15	54.01.2 N 166.09.3 W	PC	12	310	06	01	285	03	5.0	1024.8	4.9	3.8
16	54 00.8 N 165 54.9 W	C	12	250	05	1	—	—	4.9	1025.0	5.3	4.4
17	54 04.9 N 165 34.3 W	PC	12	200	8	1	—	—	4.9	1025.6	5.0	3.0
18	54 10.3 N 165 11.9 W	C	12	346	2	1	—	—	5.0	1025.2	4.2	2.0
19	54 13.1 N 164 59.9 W	C	12	315	10	1	—	—	4.9	1025.5	4.1	2.0
20	54.16.7 N 164.43.3 W	C	12+	312	08	1	—	—	4.5	1025.0	5.1	2.9
21	54.12.9 N 164.34.5 W	C	12+	260	08	1	—	—	4.9	1025.4	7.2	4.8
22	54.08.1 N 164.24.4 W	C	12+	242	08	1	—	—	5.9	1025.4	6.8	4.2
23	54.04.5 N 164.16.1 W	C	10	248	07	1	—	—	5.7	1025.9	5.1	3.9
24	54.11.54 N 164.02.52 W	PC	12+	237	12	1	—	—	5.4	1026.0	4.8	2.9

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

DAY

DATE

TIME ZONE

MILLER FREEMAN

FRIDAY

5/25/01

+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	54.19.2 N 164.16.0 W	PC	10	227	09	2	—	—	5.0	1026.2	4.5	3.0
02	operations											
03	54.29.4 N 163.55.7 W	CL	10	303	08	2	—	—	5.5	1026.1	4.0	2.8
04	54.39.3 N 163.47.7 W	C	10	307	6	2	—	—	5.2	1026.0	5.0	3.9
05	54.22.6 N 164.34.1 W	C	10	300	10	2	—	—	5.3	1026.0	4.2	3.0
06	54.16.8 N 163.49.6 W	CL	10	275	13	2	—	—	5.3	1025.9	5.0	4.0
07	54.10.2 N 163.35.2 W	CL	10	280	10	2	—	—	5.7	1025.9	5.6	4.1
08	54.15.5 N 163.27.0 W	CL	23	310	10	1-2	—	—	5.6	1026.0	5.1	4.0
09	54.16.8 N 163.12.0 W	CL	19	300	09	1-2	—	—	5.3	1026.1	6.2	5.0
10	54.18.9 N 163.52.2 W	CL	20	296	10	1-2	—	—	5.4	1026.1	8.3	6.6
11	54.14.2 N 163.32.6 W	CL	12+	295	08	1-2	—	—	5.5	1026.8	6.3	4.8
12	54.16.4 N 162.11.2 W	CL	12+	253	08	1-2	—	—	5.8	1026.9	8.6	6.5
13	54.17.8 N 161.55.7 W	CL	12+	246	08	1-2	—	—	6.0	1026.9	11.1	8.0
14	54.19.2 N 161.38.7 W	CL	12+	240	06	1	—	—	6.1	1026.8	7.0	5.0
15	54.26.25 N 161.57.20 W	CL	12+	247	04	1	—	—	6.2	1026.7	7.2	5.0
16	54.30.8 N 162.02.2 W	CL	12	230	08	1-2	—	—	6.1	1026.1	5.4	4.0
17	54.37.0 N 161.59.7 W	CL	12	245	13	1-2	—	—	5.7	1026.0	7.8	5.8
18	54.37.3 N 161.49.5 W	CL	12	242	14	2-3	—	—	5.7	1026.0	9.0	6.8
19	54.33.2 N 161.41.7 W	CL	12	240	09	2-3	—	—	6.1	1025.8	6.2	5.0
20	54.27.2 N 161.24.9 W	CL	12+	248	16	2-3	—	—	6.1	1025.8	7.5	4.8
21	54.31.6 N 161.10.1 W	CL	20	250	14	2-3	—	—	6.9	1025.3	9.0	7.6
22	54.37.2 N 160.51.8 W	CL	23	268	14	2-3	—	—	6.3	1025.2	9.2	7.2
23	54.42.1 N 160.39.1 W	CL	12+	270	19	3-4	—	—	6.5	1025.0	6.2	4.3
24	54.48.1 N 160.30.1 W	CL	12	261	13	3-4	—	—	6.5	1025.3	5.8	4.7

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

SATURDAY

DATE

5/26/01

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	54°53.38' N 161°00.70' W	MC	12+	253	12	4.5	—	—	6.4	1025.2	6.0	4.0
02	54°59.8' N 161°14.4' W	PC	12+	278	16	3.4	—	—	5.7	1024.9	5.3	3.9
03	55°04.5' N 161°10.8' W	PC	10+	282	14	4.5	—	—	5.7	1024.9	6.0	4.2
04	55°08.1' N 161°02.5' W	CL	10	335	15	4.5	—	—	6.2	1024.6	5.9	4.4
05	55°02.4' N 160°53.5' W	CL	10	346	26	5.6	—	—	6.1	1024.7	3.8	2.1
06	54°56.0' N 160°39.7' W	PC	10	322	22	4.5	—	—	5.8	1024.9	3.5	3.0
07	54°49.0' N 160°25.5' W	PC	12	325	20	4.6	—	—	6.4	1025.0	4.1	2.2
08	54°43.4' N 160°14.3' W	PC	20	310	25	5.6	—	—	6.2	1025.2	5.2	2.8
09	54°41.6' N 160°11.2' W	PC	12+	297	25	5.6	—	—	6.5	1025.8	4.0	2.2
10	54°41.6' N 159°54.0' W	PC	20	329	23	4.5	—	—	6.0	1025.2	4.0	2.0
11	54°41.9' N 159°32.9' W	PC	22	298	23	3.4	—	—	5.8	1025.1	4.1	2.6
12	54°47.0' N 159°15.8' W	PC	12+	306	24	4.6	300	6	5.6	1025.2	3.6	1.3
13	54°53.7' N 159°02.6' W	PC	12+	323	19	4.6	340	4	5.6	1025.0	3.3	1.3
14	54°59.1' N 159°58.9' W	PC	12+	293	18	4.6	340	5	5.6	1025.0	4.4	2.3
15		PC	12+	294	18	4.6	330	6	5.6	1025.6	3.3	1.7
16	55°07.8' N 159°10.8' W	CL	12+	310	20	4.6	—	—	5.6	1025.0	3.1	1.2
17	55°18.6' N 159°11.2' W	CL	12+	300	18	4.6	—	—	5.9	1025.2	3.8	1.0
18	55°30.0' N 159°12.5' W	CL	12+	296	20	4.6	—	—	6.2	1024.7	4.1	3.0
19	55°29.5' N 159°09.1' W	PC	12+	315	17	4.6	—	—	5.9	1024.1	4.4	2.0
20	55°24.1' N 158°56.4' W	PC	20	301	20	3.4	—	—	6.2	1024.8	6.0	3.0
21	55°18.1' N 158°43.8' W	PC	12+	311	29	6.7	—	—	6.2	1023.6	4.1	1.8
22	55°11.9' N 158°32.1' W	PC	12+	310	30	7.8	—	—	6.3	1023.2	4.0	1.8
23	55°06.2' N 158°20.6' W	PC	12+	310	24	7.8	—	—	6.3	1024.1	4.0	1.9
24	55°10.4' N 158°09.8' W	PC	12+	304	24	7.8	—	—	6.7	1023.2	3.8	1.6

REMARKS

REH

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

SUNDAY

DATE

27 MAY

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	55.18.4 N 157.54.3 W	MC	12+	314	10	4-6	340	3-4	5.9	1023.0	4.0	2.3
02	55.23.8 N 158.02.2 W	PC	12+	336	13	4-6	340	5-7	6.4	1022.7	4.0	1.4
03	55.29.2 N 158.13.5 W	PC	12+	305	11	3-5	340	4-6	6.7	1022.4	4.0	1.5
04	55.33.3 N 158.21.7 W	PC	10	300	10	3-4	340	5	6.6	1022.0	4.0	1.3
05	55.40.7 N 158.35.3 W	PC	10	295	14	3-4	340	5	6.4	1022.0	4.0	1.2
06	55.46.3 N 158.42.1 W	CL	12+	290	18	3-4	345	5-6	5.9	1021.9	3.8	1.0
07	55.52.8 N 158.47.4 W	CL	12+	310	20	3-4	345	5-6	5.5	1021.0	3.0	1.0
08	55.44.3 N 158.00.0 W	PC	18	319	24	3-4	-	-	5.4	1021.8	4.0	2.0
09	55.44.2 N 158.49.7 W	PC	22	328	23	4-5	-	-	6.2	1021.1	5.0	2.1
10	55.38.8 N 157.39.9 W	PC	20	330	22	4-5	-	-	6.2	1020.0	4.4	2.0
11		PC	12+	320	18	6-7	-	-		1019.8	5.8	3.1
12	55.26.0 N 157.15.0 W	PC	12+	320	18	6-8	-	-	6.1	1019.8	5.8	3.1
13	55.00.05 N 157.03.65 W	PC	12+	326	24	6-8	-	-	5.9	1019.0	4.9	2.2
14	55.25.8 N 156.53.3 W	PC	12+	310	29	7-9	350	8	5.8	1017.3	4.8	3.0
15	55.32.7 N 156.41.6 W	PC	12+	319	29	9-12	345	10	6.0	1016.3	5.1	3.2
16	55.35.6 N 156.41.3 W	C	12+	305	32	10-12	-	-	5.9	1015.6	7.4	5.0
17	55.41.2 N 156.51.3 W	C	12+	315	22	10-12	-	-	5.6	1015.8	9.0	5.8
18	55.45.0 N 156.58.9 W	C	12+	317	26	10-12	-	-	5.9	1015.0	6.3	4.4
19	55.48.9 N 157.06.2 W	C	12+	300	24	10-12	-	-	6.0	1014.6	7.0	5.0
20	55.54.2 N 157.16.6 W	C	12+	215	22	11-12	-	-	5.9	1014.9	8.1	5.9
21	55.59.5 N 157.26.9 W	C	23	319	22	10-11	-	-	5.4	1015.0	8.8	6.4
22	56.04.3 N 157.36.5 W	C	20	321	22	5-6	-	-	5.3	1014.0	7.0	5.1
23	56.09.6 N 157.46.8 W	C	12	327	27	4-5	-	-	5.2	1014.9	5.2	4.0
24	56.15.4 N 156.54.4 W	PC	12+	240	26	4-5	-	-	5.1	1014.8	5.0	3.3

REMARKS

MC
RGN

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP MILLER FREEMAN	DAY MONDAY	DATE MAY 28	TIME ZONE HP
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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	56° 22.4' N 157° 05.1' W	PC	12+	295	26	3	—	—	5.3	1014.2	6.0	4.0
02	56° 24.8' N 157° 40.3' W	PC	12+	287	18	3	—	—	5.6	1014.2	6.0	4.1
03	56° 28.7' N 157° 30.8' W	PC	12+	315	23	4-6	—	—	5.4	1013.1	5.8	4.6
04	56° 23.5' N 157° 21.6' W	PC	12	290	20	4	—	—	5.6	1012.5	6.0	4.7
05	56° 16.6' N 157° 33.5' W	PC	12	320	18	4	—	—	5.3	1012.0	6.8	5.0
06	56° 10.2' N 157° 21.3' W	PC	12	295	22	3-4	—	—	5.3	1011.8	6.8	5.0
07	56° 12.4' N 157° 15.0' W	PC	12	295	22	3-4	—	—	5.3	1010.9	6.8	4.9
08	56° 13.4' N 157° 01.1' W	PC	20	307	17	3-4	—	—	5.7	1010.2	7.2	6.0
09	56° 14.4' N 157° 16.3' W	PC	14	007	19	3-4	—	—	5.6	1009.8	6.4	5.1
10	56° 01.6' N 157° 05.4' W	PC	23	313	12	4-5	—	—	5.3	1010.0	8.8	6.8
11	55° 54.8' N 156° 51.6' W	PC	20	287	20	4-5	—	—	5.7	1009.0	8.1	6.2
12	55° 48.6' N 156° 38.6' W	PC	12+	285	18	4-5	—	—	5.8	1008.9	8.5	6.4
13	55° 56.08' N 156° 27.0' W	PC	12+	296	19	4-5	—	—	5.9	1008.4	7.8	6.2
14	55° 55.0' N 156° 26.5' W	PC	12+	304	16	3-4	—	—	6.0	1008.3	10.4	8.1
15	55° 45.9' N 156° 13.9' W	PC	12+	339	10	3-5	—	—	6.3	1008.2	10.5	8.0
16	55° 44.0' N 156° 23.0' W	PC	12+	335	10	3-4	—	—	6.4	1008.0	8.1	7.0
17	55° 38.6' N 156° 20.5' W	CL	12+	330	11	3-4	340	5-6	6.1	1007.9	11.0	9.0
18	55° 37.6' N 156° 09.9' W	CL	12+	320	16	3-4	340	5-6	6.1	1007.8	8.7.0	6.0
19	55° 43.1' N 156° 01.5' W	CL	12+	310	08	3-4	340	5-6	6.7	1007.5	9.0	7.6
20	55° 55.3' N 156° 01.4' W	CL	22	320	16	3-4	340	4-5	6.3	1006.9	8.2	6.9
21	56° 01.2' N 156° 11.1' W	CL	23	309	09	3-4	340	3-4	6.0	1007.0	8.2	6.9
22	56° 04.1' N 156° 13.6' W	CL	18	312	17	2-3	320	3-4	6.9	1006.9	10.1	8.9
23	56° 10.0' N 156° 28.3' W	CL	14	293	10	2-3	320	3	6.8	1007.4	9.0	7.8
24	56° 16.8' N 156° 40.8' W	CL	18	282	13	2-3	315	3+	6.6	1007.4	8.2	6.7

REMARKS

0200 HIGH ALTITUDE HAZE, CUMULUS OVER AK PENINSULA

1200 Slight HIGH HAZE, 1/8 AL PATCHES/STREAMERS

1500 3/8 AL STEAMERS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP MILLER FREEMAN	DAY TUESDAY	DATE 29 MAY	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	56 21.7 N 156 50.1 W	PC	12+	279	12	3	—	—	6.2	1007.5	9.5	6.5
02	56 32.2 N 156 49.7 W	PC	12+	285	18	3-5	—	—	6.5	1007.0	9.0	6.8
03	56 37.6 N 156 53.6 W	PC	12+	277	21	3-5	—	—	6.8	1007.0	7.8	6.8
04	56 33.8 N 157 02.5 W	PC	10	280	18	1-2	—	—	6.6	1007.2	8.1	6.9
05	56 40.2 N 157 10.3 W	PC	10	293	17	3-4	—	—	5.9	1007.2	6.8	5.0
06	56 42.8 N 156 55.5 W	CL	10	285	10	2-3	—	—	5.9	1007.2	8.9	6.0
07	56 44.2 N 156 43.9 W	CL	10	240	10	2-3	260	2	7.2	1007.1	9.7	6.1
08	56 30.8 N 156 30.6 W	CL	20	295	10	2-3	255	2-3	6.7	1006.9	9.0	7.1
09	56 31.7 N 156 16.4 W	PC	23	005	04	1-2	290	2-3	7.2	1008.8	9.5	2.5
10	56 28.0 N 156 22.7 W	PC	23	020	05	1-2	265	2-3	6.9	1009.1	11.2	9.5
11	56 20.7 N 156 22.4 W	F	2	086	09	1-2	265	2-3	6.9	1008.0	6.2	6.0
12	56 15.4 N 156 11.6 W	F	4	109	13	1-3	—	—	6.7	1009.4	6.2	6.1
13	56 09.7 N 156 00.0 W	CL	10	110	12	2	—	—	6.5	1010.5	8.2	7.8
14	56 04.1 N 155 49.7 W	PC	10	132	09	2	—	—	6.4	1011.1	7.3	6.1
15	56 16.2 N 155 50.0 W	CL	12+	136	09	2	155	3	6.6	1011.6	7.1	5.8
16	56 26.8 N 155 55.1 W	CL	12+	125	12	2	—	—	6.6	1012.0	13.8	10.0
17	56 24.9 N 155 56.2 W	CL	12+	120	05	2-3	—	—	6.9	1013.2	11.2	8.2
18	56 26.2 N 155 35.0 W	CL	12+	095	06	2-3	—	—	7.1	1013.9	11.0	8.4
19	56 30.0 N 155 47.2 W	CL	12+	065	06	2	—	—	6.7	1014.1	12.0	9.0
20	56 37.6 N 156 01.7 W	CL	12+	003	05	2	—	—	7.0	1014.8	11.0	8.2
21	56 40.4 N 156 06.7 W	CL	15	005	05	1-2	—	—	7.4	1015.0	10.2	8.0
22	56 46.3 N 156 18.7 W	CL	20	016	06	1-2	—	—	7.9	1016.6	10.0	8.2
23	56 50.6 N 156 26.8 W	CL	20	332	04	1-2	—	—	7.0	1016.4	9.0	8.1
24	56 58.4 N 156 20.3 W	CL	20+	255	04	1-2	—	—	6.8	1016.7	8.9	7.0

REMARKS

1050 FOG BANK MOVED IN 100 YD VISIBLY

1230 FOG LIFTED, VIS. UNRESTRICTED

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	WED	30 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°55.5' N 156°08.4' W	PC	12+	010	03	<1	—	—	6.9	1017.2	9.3	7.0
02	56°49.7' N 155°58.3' W	CL	12+	072	03	<1	—	—	7.2	1017.1	8.8	7.4
03	56°45.3' N 155°49.4' W	CL	12+	049	05	<1	✓	✓	7.0	1017.9	7.5	6.9
04	56°39.3' N 155°38.0' W	CL	10	090	07	<1	—	—	6.6	1017.9	8.1	7.1
05	56°46.3' N 155°25.4' W	CL	10	135	04	<1	—	—	6.6	1018.0	9.0	7.9
06	56°52.1' N 155°36.5' W	CL	12+	125	3.	1	130	2	6.4	1019.5	8.9	7.2
07	56°53.4' N 155°43.5' W	CL	12+	CA	LM	1	—	—	7.2	1018.7	8.9	7.7
08	57°01.4' N 155°55.1' W	CL	23	244	04	1	—	—	7.0	1018.3	7.2	6.7
09	56°08.0' N 156°05.6' W	PC	20	283	06	1	—	—	6.9	1018.9	8.0	7.1
10	57°19.6' N 156°04.5' W	PC	12	290	12	1	—	—	7.1	1018.9	7.1	6.3
11	57°15.8' N 155°54.9' W	PC	12+	335	12	1-2	—	—	7.5	1019.0	9.6	10.2
12	57°08.07' N 155°40.2' W	PC	12+	320	12	2	—	—	7.6	1019.1	8.4	10.2
13	57°05.92' N 155°36.97' W	PC	12+	320	12	1-2	—	—	7.6	1019.1	9.9	7.1
14	56°56.6' N 155°19.1' W	PC	12+	303	11	1-2	—	—	7.5	1019.1	9.8	8.4
15	56°55.6' N 155°10.0' W	PC	12+	296	11	1-2	—	—	7.8	1018.9	7.0	8.1
16	57°01.1' N 155°01.9' W	PC	12+	290	10	2-3	—	—	7.7	1018.3	10.0	8.5
17	57°07.9' N 155°14.4' W	PC	12+	292	16	2-3	—	—	8.2	1019.0	12.0	10.6
18	57°13.5' N 155°24.6' W	PC	12+	285	17	2-3	—	—	7.7	1017.5	10.0	9.3
19	57°17.7' N 155°32.9' W	PC	12	267	18	3-5	—	—	7.9	1016.0	10.0	8.0
20	57°24.4' N 155°43.3' W	PC	21	296	18	2-3	—	—	7.6	1016.9	10.4	8.2
21	57°31.1' N 155°37.8' W	PC	20	298	16	3-4	—	—	7.1	1016.2	11.8	8.4
22	57°33.8' N 155°27.9' W	PC	20	310	26	4-5	—	—	7.2	1016.8	10.2	7.9
23	57°27.1' N 155°24.6' W	PC	23	322	18	4-5	—	—	7.8	1016.9	8.8	7.0
24	57°20.6' N 155°12.3' W	PC	20	307	14	3-4	335	5	7.6	1016.8	8.7	7.4

REMARKS

0100 - HAZY SKY

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

Miller Freeman

DAY

THURSDAY
JED

DATE

31
30 MAY 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	57.15.6 N 155.01.0 W	PC	12+	334	6	3	-	-	7.0	1016.5	8.5	6.1
02	57.25.9 N 155.01.3 W	PC	12+	311	24	4-6	330	5-8	7.9	1016.2	6.1	5.2
03	57.32.0 N 155.06.7 W	PC	12+	291	26	5-7	320	8	7.7	1015.8	5.7	5.0
04	57.35.6 N 155.14.6 W	PC	12	324	32	6	-	-	8.1	1015.3	5.6	5.0
05	57.40.7 N 155.06.1 W	PC	10	270	18	4-6	-	-	8.0	1015.1	7.0	6.0
06	57.41.2 N 154.58.5 W	PC	10	308	26	4-6	-	-	7.8	1014.9	7.0	6.0
07	57.36.8 N 154.49.3 W	PC	10	290	22	4-6	-	-	7.6	1015.0	8.0	6.5
08	57.44.5 N 154.37.2 W	PC	16	259	22	5-6	-	-	7.0	1012.9 1012.9	8.8	7.4
09	57.50.8 N 154.49.0 W	PC	12+	295	22	5-6	-	-	7.1	1013.7	10.0	8.3
10	57.55.3 N 154.36.7 W	PC	12+	280	23	4-5	-	-	7.8	1013.1	9.4	8.1
11	57.52.2 N 154.28.6 W	PC	20	278	22	4-5	-	-	7.6	1012.5	10.3	9.5
12	57.45.4 N 154.11.6 W	PC	12+	225	20	5-6	-	-	7.9	1013.2	7.9	6.5
13	57.51.1 N 154.07.7 W	PC	12+	217	24	6-8	-	-	8.1	1013.2	8.0	6.8
14	57.59.7 N 154.07.7 W	PC	10	216	18	4-6	-	-	8.1	1012.0	10.9	8.8
15	58.06.8 N 153.53.7 W	PC	10	201	20	5-7	-	-	8.1	1012.0	10.8	8.8
16	58.11.9 N 153.45.4 W	PC	10	200	20	5-7	-	-	8.6	1012.2	12.1	9.8
17	58.19.6 N 153.43.5 W	PC	10	263	11	4-6	-	-	7.8	1011.9	11.0	9.0
18	58.26.5 N 153.48.1 W	PC	10	312	28	4-6	-	-	7.4	1010.4	14.0	10.0
19	58.30.8 N 153.31.7 W	PC	10	275	16	4-6	-	-	8.7	1011.1	12.9	9.0
20	58.13.2 N 153.17.8 W	PC	12	226	19	4-5	-	-	8.0	1010.9	10.9	8.2
21	58.19.0 N 153.07.0 W	PC	12+	214	18	4-5	-	-	8.1	1010.8	12.0	10.0
22	58.25.1 N 153.13.6 W	PC	12+	230	23	4-5	-	-	7.5	1009.9	3.2	7.1
23	58.30.1 N 153.23.9 W	PC	12	236	21	5-6	-	-	7.3	1009.6	8.2	7.2
24	58.37.9 N 153.22.8 W	PC	10	315	14	2-3	-	-	8.1	1009.3	13.0	8.6

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP MILLER FREEMAN	DAY FRIDAY	DATE 01 JUNE 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	58 35.8 N 153 12.6 W	PC	12	315	15	3-4	—	—	8.1	1009.1	13.0	9.0
02	58 35.5 N 153 00.8 W	PC	12+	204	12	3-4	—	—	7.4	1010.3	10.3	8.5
03	58 41.5 N 152 50.5 W	PC	12+	260	04	3-4	320	3-4	7.4	1010.5	10.2	8.4
04	58 50.0 N 153 00.4 W	CL	12+	320	25	4-6	—	—	7.0	1009.1	11.5	8.2
05	58 53.5 N 152 54.7 W	CL	12+	320	21	4-6	—	—	7.1	1009.6	9.6	7.0
06	58 52.7 N 152 44.8 W	CL	12+	310	22	4-6	—	—	6.9	1010.1	9.8	8.2
07	58 50.0 N 152 38.6 W	PC	11	295	16	5-7	—	—	7.0	1010.3	9.0	7.0
08	59 02.2 N 152 36.5 W	PC	20	295	26	6-7	—	—	6.8	1009.9	8.0	6.4
09	59 08.7 N 152 27.2 W	PC	20	297	27	6-7	—	—	7.0	1010.0	7.9	6.6
10	59 07.2 N 152 17.5 W	PC	12+	283	20	7.8	—	—	6.9	1010.3	9.1	7.4
11	59 09.3 N 152 19.4 W	PC	12	309	24	7.8	—	—	6.8	1010.1	7.8	6.8
12	59 53.4 N 152 23.9 W	PC	12	277	03	5-7	135	9	6.6	1011.0	9.4	7.8
13	59 52.7 N 152 15.3 W	PC	12+	270	14	5	—	—	6.7	1011.0	8.7	6.9
14	59 54.2 N 152 09.3 W	PC	10	305	21	1-3	—	—	6.6	1010.5	11.0	8.0
15	59 55.2 N 152 12.6 W	PC	10	325	20	1	—	—	6.7	1010.7	11.9	8.2
16	58 49.3 N 152 12.0 W	PC	10	265	11	3	—	—	7.4	1011.0	9.5	—
17	58 42.5 N 151 59.3 W	PC	10	270	14	3	—	—	7.7	1011.5	12.0	9.3
18	58 36.3 N 151 48.0 W	PC	10	293	14	3	—	—	7.6	1011.4	11.9	9.1
19	58 33.0 N 151 42.0 W	PC/CL	10	310	10	3	—	—	8.0	1011.2	12.0	9.5
20	58 30.1 N 151 46.1 W	PC	12+	231	12	3	—	—	8.3	1011.6	11.0	8.0
21	58 14.2 N 151 36.6 W	CL	12+	249	08	2-3	—	—	8.1	1011.5	10.8	9.0
22	58 08.2 N 151 47.0 W	PC	22	212	04	2-3	—	—	7.8	1011.2	10.3	9.0
23	58 08.9 N 151 53.5 W	PC	12	219	02	2-2	—	—	7.0	1011.1	10.1	8.9
24	58 07.6 N 151 32.0 W	PC	12+	242	12	1	105	4-6	8.5	1010.9	9.2	8.3

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	SAT	02 JUNE 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	58 05.1 N 151 28.0 W	LT C	12+	230	08	1	150	4	4.3	1010.9	10.0	7.9
02	57 59.4 N 151 38.4 W	LT C	12+	281	07	1	150	3	8.0	1010.8	9.5	8.3
03	57 51.8 N 151 51.2 W	C	12+	CALM		1	140	3	7.9	1010.9	9.7	8.5
04	57 45.5 N 152 03.1 W	C	12+	215	07	1	145	3	7.5	1010.1	8.8	7.8
05	57 43.4 N 152 20.3 W	C	12+	CA	LM	0.5-1				1010.1	10.0	7.1
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REMARKS