

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	TUESDAY	5/7/02	+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	56 41.4 N 164 01.5 W	L	2-4	220	13	3-5	230	4-6	1.4	1029.4	3.5	3.5
03	56 41.4 N 164 20.1 W	CL	2	215	16	3-5	230	4-6	2.5	1028.9	4.0	3.8
04	56 47.9 N 164 01.2 W	CL	5-6	225	24	3	250	6	2.6	1028.6	4.4	4.1
05	56 57.8 N 164 11.5 W	CL	5-6	220	16	3-4	260	6-7		1028	5.0	4.8
06	56 57.8 N 164 11.5 W	CL	5-6	220	16	3-4	260	6-7	1.9	1028.0	5.0	4.8
07	56 57.0 N 164 01.2 W	CL	7-8	210	17	2-3	230	4-5	1.4	1028.2	5.0	4.6
08	56 53.1 N 164 01.2 W	CL	7	205	14	3	235	5	1.3	1027.9	3.9	3.2
09	56 57.1 N 164 00.9 W	CL	7	210	13	3	235	5	1.4	1028.2	5.6	5.1
10	56 54.5 N 163 59.0 W	CL	7	205	12	3	235	5	1.4	1028.2	5.6	5.0
11	56 55.5 N 163 52.1 W	P.C.	8	210	18	3	230	4-5	1.3	1028.0	4.3	4.1
12	56 53.9 N 164 00.5 W	P.C.	8	210	20	3-4	230	4-5	1.3	1027.9	6.5	5.5
13	56 52.9 N 164 01.8 W	PC	6	210	17	4	240	4-6	1.3	1027.5	7.0	6.0
14	56 52.2 N 164 02.5 W	P.C.	6	215	20	4	240	4-6	1.5	1027.5	7.5	6.0
15	56 52.7 N 164 02.6 W	PC	6-8	200	18	4	240	4-6	1.4	1027.7	6.6	5.5
16	56 52.8 N 164 02.8 W	CL	7	205	16	4	230	4-6		1027.2	6.8	5.5
17	56 52.7 N 164 01.7 W	CL	7	200	18	4	200	4-6	1.3	1026.6	5.5	4.8
18	56 58.9 N 164 01.9 W	CL	7	205	16	3	210	4-6	1.4	1025.3	5.2	4.8
19	56 49.6 N 164 03.6 W	CL	7	190	17	5-6	240	6-8	1.5	1025.0	5.1	3.9
20	56 44.2 N 164 20.3 W	CL	7	180	19	5	240	8	2.2	1024.9	5.0	4.2
21	56 38.6 N 164 34.3 W	CL	7	190	18	5	240	6-8	3.0	1025.0	4.8	4.3
22	56 35.0 N 164 45.3 W	CL	7	190	21	6	240	8	3.0	1024.8	4.8	4.3
23	56 30.0 N 165 00.1 W	CL	7	195	22	6	240	8	3.1	1024.4	4.8	4.2
24	56 26.4 N 165 14.0 W	CL	7	192	20	6	270	8	2.9	1023.2	4.9	4.5

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP MILLER FREEMAN	DAY MONDAY	DATE 5/6/02	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° 39.06' N 167° 43.2' W	CL	8	225	18	2-3	240	4-5	0.7	1018.9	4.0	4.9
02	57° 37.2' N 167° 29.0' W	CL	8	350	17	3	250	4-6	0.3	1019.5	4.6	3.8
03	57° 34.4' N 167° 06.1' W	PC	8	225	16	2-3	250	4-5	0.5	1020.0	2.4	2.2
04	57° 32.4' N 166° 47.3' W	CL	8	220	16	4-5	260	4-6	0.6	1020.8	2.5	2.1
05	57° 29.8' N 166° 28.3' W	CL	8	205	16	3	260	4-6	0.7	1021.2	2.3	2.0
06	57° 27.04' N 166° 07.39' W	CL	8	215	16	2-3	250	5	0.6	1022.0	5.2	4.9
07	57° 25.8' N 165° 51.8' W	CL	12	270	14	3-4	240	5	1.9	1023.0	4.8	4.2
08	57° 16.6' N 165° 27.5' W	CL	8	225	16	3	250	4-6	2.2	1023.6	5.2	4.8
09	57° 04.6' N 165° 07.4' W	CL	6	220	18	5-6	/	/	2.4	1024.8	3.7	3.6
10	57° 06.5' N 164° 58.4' W	CL	8	205	16	5	/	/	2.7	1024.9	4.0	3.8
11	57° 00.7' N 164° 35.6' W	CL	6-7	205	20	5	/	/	2.5	1025.1	3.8	3.8
12	56° 55.55' N 164° 15.9' W	CL	6	200	20	5	260	6	2.3	1026.1	6.0	4.0
13										1026.2	3.8	4.0
14	56° 52.0' N 164° 02.7' W	CL	4	200	17	4-5	230	6	1.6	1026.2	3.8	4.0
15	56° 51.6' N 164° 03.4' W	L	2-3	200	22	4-5	230	6	1.7	1026.2	4.0	4.0
16	56° 52.1' N 164° 02.2' W	L	3	210	20	5-6	235	6	1.6	1026.2	4.7	4.5
17	56° 52.0' N 164° 02.5' W	CL	3	220	20	5-6	230	6	1.6	1026.7	5.1	5.0
18	56° 52.4' N 164° 01.6' W	CL	3	225	20	5-6	230	6-8	1.6	1026.9	5.0	4.8
19	56° 52.2' N 164° 03.7' W	CL	2.5	230	18	5-6	270	6-8	1.6	1027.5	5.0	4.8
20	56° 55.0' N 163° 54.1' W	CL	1.5	230	18	6	/	/	1.4	1027.9	6.0	5.6
21	56° 57.0' N 163° 54.3' W	CL/F	1.7	225	16	5-7	260	7-9	1.2	1027.9	3.2	3.1
22	57° 01.1' N 164° 12.7' W	CL/F	2	225	15	5	260	7	2.1	1027.5	3.8	3.8
23	56° 58.4' N 164° 10.4' W	CL/L	2	220	14	4-6	/	/	2.0	1027.5	4.7	4.3
24	56° 47.4' N 163° 54.4' W	L	5	233	18	2-3	280	5	1.4	1028.4	5.0	4.8

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MTLLER FREEMAN	SUNDAY	5/5/02	+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° 41.6' N 170° 55.5' W	CL	8	140	14	1	—	—	3.6	1016.9	6.0	5.9
02	56° 50.7' N 170° 33.7' W	CL	8	182	9	1	—	—	3.2	1010.9	5.8	5.2
03	57° 03.1' N 170° 11.6' W	CL	8	173	6	1	—	—	1.6	1010.9	5.5	5.0
04	57° 10.2' N 170° 02.4' W	CL	5	200	6	1	—	—	1.5	1010.0	3.5	2.5
05	57° 19.8' N 169° 16.3' W	F	4	210	09	1	—	—	1.3	1011.0	3.5	3.5
06	57° 28.6' N 169° 31.0' W	F	<1	215	10	—	—	—	1.8	1010.4	4.9	4.0
07	57° 35.7' N 169° 16.0' W	CL	4	220	12	1	200	5	2.5	1010.3	4.1	3.8
08	57° 46.6' N 169° 59.9' W	CL	4	220	16	2	240	4	2.5	1011.0	4.9	4.4
09	57° 51.1' N 169° 52.3' W	CL	7	220	10	2	240	5	2.6	1009.9	3.6	3.4
10	57° 51.6' N 169° 41.6' W	CL	8	215	15	3	230	4	2.6	1011.1	5.8	5.2
11	57° 52.6' N 169° 58.1' W	PC	10	210	13	2-3	230	4	2.5	1011.8	4.8	3.5
12	57° 51.9' N 168° 51.5' W	PC	10	200	14	3	210	3-4	2.5	1011.9	4.8	4.2
13	57° 51.5' N 168° 51.7' W	CL	10	210	18	3	210	3-4	2.5	1012.1	7.2	6.4
14	57° 50.7' N 168° 52.3' W	CL	10	210	18	3-4	210	4-5	2.6	1012.5	6.0	5.4
15	57° 38.2' N 168° 48.7' W	CL	10	215	20	4-5	210	5	2.5	1013.5	6.0	5.0
16	57° 39.4' N 168° 01.4' W	CL	10	185	16	4-5	210	6	2.5	1013.5	5.0	4.3
17	57° 30.8' N 168° 11.7' W	CL	10	185	17	4	200	5	2.5	1013.5	10.0	4.3
18	57° 35.4' N 169° 17.8' W	CL	7	180	14	4	200	5	2.4	1013.3	6.3	5.6
19	57° 59.1' N 169° 02.0' W	CL	8	220	16	4.5	200	6	2.6	1014.0	5.2	4.5
20	57° 04.1' N 168° 41.0' W	CL	8	220	18	5	200	6	1.6	1014.4	5.2	4.4
21	57° 05.0' N 168° 38.8' W	CL	8	205	15	5	—	—	1.3	1014.7	5.0	4.3
22	57° 48.2' N 168° 29.7' W	CL	8	225	17	5	—	—	1.9	1015.5	3.0	3.0
23	57° 45.2' N 168° 23.0' W	CL	8	220	17	5	—	—	1.8	1014.1	3.0	3.0
24	57° 42.1' N 168° 03.1' W	CL	8	210	17	4	—	—	0.9	1016.0	5.0	4.0

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP MILLER FREEMAN	DAY SATURDAY	DATE 5/4/02	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	53° 01.3' N 176° 42.7' W	PC	8	220	15	4	—	—	3.2	1011.4	5.0	5.5
02	53° 09.5' N 176° 30.8' W	PC	8	208	18	2	200	4	3.0	1011.5	5.4	4.8
03	53° 19.4' N 176° 16.8' W	PC	8	227	19	2	210	4	2.8	1011.5	5.0	4.2
04	53° 27.6' N 176° 05.2' W	PC PC		210	15	4	220	5	3.3	1011.9	5.1	4.6
05	53° 38.2' N 175° 50.5' W	C	10	200	17	3-4	200	5	3.2	1011.9	6.0	4.3
06	53° 48.9' N 175° 35.4' W	C	10	205	17	2-3	—	—	3.2	1012.0	5.5	5.0
07	53° 58.8' N 175° 21.4' W	C	12	205	14	2-3	210	5	3.1	1011.9	5.3	4.9
08	54° 07.7' N 175° 08.2' W	C	10	195	14	3	230	4-6	3.4	1011.9	5.8	5.0
09	54° 17.5' N 174° 53.9' W	PC	10	200	17	2	190	4-6	3.5	1012.2	6.8	6.2
10	54° 23.4' N 174° 42.5' W	PC	10	195	16	3	235	4-5	3.9	1012.2	7.3	6.6
11	54° 36.6' N 174° 35.8' W	PC	10	195	13	3-4	230	4-5	3.6	1012.5	6.9	6.2
12	54° 44.5' N 174° 14.1' W	PC	7	170	15	3	230	5	2.9	1012.1	6.8	5.9
13	54° 54.6' N 173° 59.8' W	C	10	167	18	2-4	240	5	3.2	1012.3	5.6	5.0
14	55° 04.6' N 173° 43.8' W	C	12	170	18	2-4	240	6	3.1	1012.1	7.3	6.1
15	55° 13.4' N 173° 30.2' W	PC	10	170	18	2-4	240	6	3.1	1012.1	8.5	7.3
16	55° 21.5' N 173° 18.5' W	PC	10	195	15	4	250/160	6/5		1011.8	8.1	7.1
17	55° 35.3' N 173° 01.9' W	PC	10	190	18	4	250/160	5	4.1	1011.5	9.5	8.5
18	55° 43.0' N 172° 46.1' W	PC	7	188	16	3.5	260	5	3.9	1011.2	7.1	6.8
19	55° 55.8' N 172° 18.0' W	PC		193	11		260	5-7	3.9	1011.2	7.8	6.5
20	56° 06.5' N 172° 02.7' W	PC	10	163	10	2	240	5-7	3.8	1011.1	4.2	5.0
21	56° 15.2' N 171° 44.3' W	PC	10	170	10	2	240	5-7	4.0	1011.3	4.5	5.0
22	56° 23.8' N 171° 30.4' W	PC	10	160	9	2	240	5-7		1011.0	4.0	5.0
23	56° 34.3' N 171° 09.8' W	PC	10	172	9	2.1	—	—	3.8	1011.2	5.5	6.5

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP MILLER FREEMAN	DAY FRIDAY	DATE 5/3/02	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	51° 50.3 N 174° 11.7 W	CL	5	125	15	1-2	230	5	4.4	1021.5	4.9	5.0
02	51° 48.4 N 174° 32.7 W	CL	8	108	17	3	230	6	4.4	1022.0	6.9	6.0
03	51° 46.0 N 174° 55.9 W	CL	23	110	16	3	✓	✓	4.5	1018.3	6.2	5.9
04	51° 44.7 N 175° 19.7 W	F	<1	135	18	3-4	230	5	4.5	1016.5	5.8	5.4
05	51° 42.8 N 175° 34.5 W	CL	2	140	25	3-4	230	5	4.5	1014.2	5.2	5.2
06	51° 41.0 N 174° 54.5 W	F	<1	150	24	4	230	5	4.4	1013.1	5.0	4.8
07	51° 39.4 N 176° 3.4 W	CL	5	180	18	4	240	5	4.4	1012.7	5.0	4.9
08	51° 37.7 N 176° 32.0 W	F	<1	182	14	4	230	4-6	4.5	1012.0	4.9	4.4
09	51° 35.7 N 176° 46.4 W	F	2	177	18	4	230/130	6-8/4-6	4.3	1012.4	5.0	5.0
10	51° 34.5 N 177° 06.3 W	F	1/2	170	18	6-7	210	6-8	4.4	1011.3	5.1	5.1
11	51° 34.8 N 177° 24.1 W	CL	3-4	180	20	5-6	220	7	4.4	1011.0	5.1	5.1
12	51° 34.4 N 177° 45.0 W	CL	6-8	230	17	4-6	220	6-8	4.4	1011.3	4.8	4.4
13	51° 34.1 N 177° 59.0 W	CL	8	230	19	4-6	220	6-8	4.3	1011.3	4.9	4.4
14	51° 35.6 N 178° 12.1 W	CL	10	220	20	4-6	220	4-6	4.3	1011.4	7.0	5.7
15	51° 35.0 N 178° 13.5 W	PC	10	210	18	4-6	220	4-6	4.4	1011.3	5.8	4.9
16	51° 34.2 N 178° 14.8 W	PC	8	210	20	6	235	4-6	4.3	1011.1	5.3	4.5
17	51° 42.5 N 178° 16.8 W	PC	8	210	20	6	235	6	4.4	1011.0	6.1	5.3
18	51° 55.1 N 178° 18.1 W	P.C.	7	180	27	5	230	6	4.2	1010.1	6.3	5.8
19	52° 03.2 N 178° 56.6 W	PC	8	200	32	8	—	—	4.2	1009.2	5.9	5.8
20	52° 13.4 N 177° 51.0 W	PC	8	220	20	7-8	230	9	3.8	1010.5	7.8	7.3
21	52° 22.4 N 177° 38.0 W	PC	8	225	25	6-8	230	8	3.9	1010.3	8.5	8.0
22	52° 33.3 N 177° 21.9 W	PC	8	225	20	5	230	8	3.8	1010.5	12.5	9.0
23	52° 41.9 N 177° 10.0 W	PC	8	225	22	5	230	6	3.0	1010.0	10.3	6.3
24	52° 51.0 N 176° 57.5 W	PC	8	220	15	5	—	—	3.2	1017.5	6.0	5.0

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP MILLER FREEMAN	DAY THURSDAY	DATE 5/2/02	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	52° 24.4' N 172° 18.1' W	CL	5	215	8	3	250	5	3.6	1021.9	5.7	5.1
02	52° 25.5' N 172° 21.1' W	CL	6	038	16	5	100	6-8	3.7	1023.0	5.2	4.9
03	52° 23.8' N 172° 18.1' W	CL	6	109	16	4	090	4-6	3.7	1022.7	5.8	5.2
04	52° 24.4' N 172° 18.1' W	PC	6	270	30	3-4	100	5	3.7	1021.7	4.9	4.2
05	52° 24.4' N 172° 26.4' W	PC	6	230	14	4	-	-	3.7	1023.3	4.9	4.3
06	52° 25.4' N 172° 29.5' W	PC	6	223	15	4	-	-	3.7	1023.8	5.0	4.0
07	52° 24.8' N 172° 27.8' W	CL	7	205	19	4-5	200	6	3.7	1023.2	5.0	4.5
08	52° 15.5' N 172° 45.7' W	CL	6	215	10	6	✓	✓	3.7	1024.9	4.6	4.0
09	52° 16.5' N 172° 45.3' W	CL	7	190	6	2	100	6	3.7	1025.2	5.0	4.6
10	52° 16.2' N 172° 44.4' W	CL	7	200	8	3	160	6	3.8	1025.5	7.0	8.0
11	52° 15.9' N 172° 45.8' W	CL	7	200	8	3	CONFUSED		3.8	1026.1	6.2	5.5
12	52° 12.6' N 172° 37.6' W	CL	6	200	14	2-3	-	-	3.7	1026.4	4.5	4.5
13	52° 07.5' N 172° 26.1' W	CL	6	230	14	3	220	6	3.7	1027.2	5.0	5.0
14	52° 08.2' N 172° 25.3' W	CL	6	230	7	3	220	6	3.7	1027.2	7.0	7.0
15	52° 09.7' N 172° 23.1' W	CL	6-8	230	13	2-3	210	6	3.7	1027.2	7.0	6.8
16	52° 08.06' N 172° 25.91' W	CL	6-7	215	09	3	200	6	3.7	1027.1	7.5	6.5
17	52° 07.11' N 172° 27.07' W	CL	7	210	09	3	200	6-8	3.7	1027.1	9.7	8.5
18	52° 07.3' N 172° 25.7' W	CL	6-7	205	10	2-3	230	5-6	3.7	1026.0	9.5	8.5
19	52° 08.2' N 172° 25.9' W	CL	7	215	08	2	210	6	4.0	1025.8	10.0	8.6
20	52° 03.7' N 172° 33.1' W	CL	7	215	06	3	220	6	3.9	1024.8	7.5	6.6
21	51° 58.5' N 172° 44.5' W	CL	7	206	08	2	290	6	3.8	1025.3	4.8	4.7
22	51° 55.8' N 173° 07.5' W	CL	7	190	08	2	280	6	3.7	1025.6	4.3	4.2
23	51° 58.9' N 173° 27.9' W	CL	7	190	06	1	230	6	3.7	1023.7	4.1	4.2
24	51° 51.5' N 173° 57.6' W	CL	7	145	11	<1	230	5	4-5	1022.9	4.9	4.6

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP MILLER FREEMAN	DAY WEDNESDAY	DATE 01-MAY-62	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	52° 24.6' N 171° 38.4' W	F	1/2	155	21	3-4			4.1	1032.6	4.6	4.6
02	52° 24.3' N 171° 47.7' W	F	<1	150	27	4	-	-	4.1	1031.3	4.8	4.8
03	52° 23.5' N 171° 53.9' W	F	<1/2	165	20	4	-	-	4.1	1031.5	5.0	5.0
04	52° 22.5' N 172° 06.6' W	F	<1	188	9	1	-	-	3.6	1032.1	5.1	5.0
05	52° 16.8' N 172° 12.6' W	CL	4-5	120	06	1-2	-	-	3.7	1030.8	4.6	4.6
06	52° 08' N 172° 24' 6" W	CL	5-6	150	16	3-4	160	3-4	3.8	1030.8	5.1	4.8
07	52° 14.4' N 172° 16.9' W	CL	10	170	12	2-3	180	2-4	3.9	1029.5	5.8	5.6
08	52° 22.7' N 172° 07.0' W	CL	10	175	22	4	180	4	3.6	1029.0	7.3	6.4
09	52° 23.5' N 172° 06.9' W	CL	8	165	22	4-5	/	/	3.6	1028.8	6.3	5.2
10	52° 23.2' N 172° 07.5' W	CL	8	160	18	5	/	/	3.6	1028.9	7.1	6.0
11	52° 22.7' N 172° 07.8' W	CL	7	155	15	6	/	/	3.7	1027.8	6.6	5.9
12	52° 23.4' N 171° 55.6' W	CL	6	150	25	6	160	6-8	4.0	1026.6	6.0	5.8
13	52° 22.2' N 171° 54.7' W	CL	4	140	30	6-8	160	6-8	4.0	1025.7	6.7	6.6
14	52° 23.7' N 171° 54.9' W	CL	4	150	25	6-8	160	6-8	4.0	1025.6	6.2	6.2
15	52° 24.5' N 171° 47.9' W	CL	2-4	180	25	6-8	160	6-8	3.8	1026.1	6.0	6.0
16	52° 25.4' N 171° 40.0' W	CL	5	180	28	10-12	160	8-10	4.1	1025.9	6.2	5.2
17	52° 24.8' N 171° 39.9' W	CL	4	190	32	12-15	/	/	4.0	1024.5	7.5	7.0
18	52° 28.2' N 171° 27.2' W	CL	4	180	24	12-15	/	/	4.2	1024.1	5.0	4.8
19	52° 28.5' N 171° 27.1' W	CL	4-5	180	30	12-15	-	-	4.1	1024.1	5.9	5.1
20												
21	52° 24.5' N 171° 27.9' W	CL/L	<2	180	24	10-12	/	/	4.1	1023.9	5.0	4.8
22	52° 24.7' N 171° 27.9' W	CL/L	<2	180	22	10-12	200	8	4.1	1022.5	4.8	4.8
23	52° 25.5' N 171° 17.7' W	CL/L	2	180	22	10	200	/	4.0	1022	4.6	4.6
24	52° 25.2' N 172° 06.3' W	L	2	192	25	10-12	-	-	3.7	1021.1	4.9	4.6

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP MILLER FREEMAN	DAY WEDNESDAY	DATE 08-MAY-2002	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° 22.0' N 165° 28.8' W	CL	7	195	20	4-6	240	6-8	1022.5	3.2	4.8	4.3
02	56° 18.3' N 165° 40.3' W	CL	5	170	20	5-6	240	6-8	1021.5	3.5	4.9	4.4
03	56° 15.4' N 165° 48.9' W	CL	5	165	19	5-6	220	7	1020.0	3.6	4.8	4.2
04	56° 11.3' N 166° 02.0' W	CL	6-7	156	21	5-6	230	7-9	1018.9	3.7	4.8	4.5
05	56° 09.7' N 166° 03.3' W	CL	5	155	19	5-6	230	8-10	1017.2	3.8	4.9	4.8
06	56° 11.6' N 166° 11.4' W	CL	5	158	21	4	250	6-8	1015.5	3.7	4.9	4.8
07	56° 12.5' N 166° 29.7' W	CL	3-4	170	22	4-5	210	6-8	1013.9	3.8	5.6	5.2
08	56° 08.4' N 166° 19.9' W	CL	1	195	26	6-8	230	8	1012.8	3.9	5.6	5.6
09	56° 08.2' N 166° 21.7' W	CL F	1	185	30	6	240	6-8	1013.4	4.0	5.0	5.0
10	56° 08.5' N 166° 23.5' W	CL	6	225	26	8-9	/	/	1014.0	4.0	5.2	5.0
11	56° 07.1' N 166° 25.2' W	CL	8	235	28	6-8	/	/	1014.3	4.0	4.7	4.0
12	56° 04.0' N 166° 27.0' W	CL	8	242	30	7-9	—	—	1015.9	3.8	4.1	3.7
13	56° 06.9' N 166° 29.4' W	PC	8	256	26	7-9	—	—	1016.0	3.7	6.0	5.0
14	56° 09.0' N 166° 30.4' W	PC	8	228	24	7-9	—	—	1016.8	3.7	4.6	3.7
15	56° 11.5' N 166° 26.8' W	PC	8	239	28	7-9	—	—	1012.7	3.8	5.2	4.2
16	56° 11.4' N 166° 09.5' W	PC	8	255	25	7-9	—	—	1018.0	3.7	5.0	4.0
17	56° 09.9' N 166° 11.2' W	PC	8	235	25	7-9	—	—	1018.7	3.5	8.0	8.9
18	56° 07.6' N 166° 16.0' W	PC	10	235	17	8-10	—	—	1018.9	3.8	8.8	7.4
19	56° 06.6' N 166° 16.3' W	PC	8	225	22	8-10	—	—	1018.0	3.9	5.1	4.2
20	56° 04.6' N 166° 15.5' W	CL	8	215	16	8	/	/	1018.0	4.0	4.8	3.9
21	56° 00.6' N 166° 09.5' W	CL	6	225	20	6-8	/	/	1017.6	3.9	7.9	6.6
22	55° 57.8' N 166° 11.2' W	CL	6	205	16	6	/	/	1018.5	4.0	5.1	5.1
23	55° 55.5' N 166° 13.0' W	CL	6-7	220	22	6-7	/	/	1017.9	4.0	4.2	4.1
24	56° 00.3' N 168° 16.5' W	CL	7	221	22	5-7	200	6-8	1017.7	3.9	4.7	4.3

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP MILLER FREEMAN	DAY FRIDAY	DATE 10-MAY-2002	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°06.7' N 168°27.9' W	PC	12	255	10	1-3	250	4-6	4.5	1021.9	4.8	4.2
02	55°03.3' N 168°34.5' W	PC	12	248	08	2-4	250	5-8	4.3	1022.0	4.8	4.3
03	54°58.0' N 168°45.4' W	PC	12	250	12	2-4	250	4-6	4.4	1022.4	5.5	4.8
04	54°52.1' N 168°45.9' W	CL	12	245	10	2-4	250	4-6	4.4	1023.0	4.9	4.0
05	54°52.1' N 168°55.5' W	CL	10	275	12	2-4	260	4-6	4.3	1023.2	4.6	3.9
06	54°43.0' N 169°07.4' W	CL	10	280	12	2	260	2-4	4.4	1023.5	3.8	3.6
07	54°40.0' N 169°11.9' W	CL	12	285	14	2-3	290	2-4	4.4	1024.1	5.0	4.5
08	54°35.4' N 169°20.2' W	CL	10	315	10	3	280	4	4.0	1025.0	4.2	3.8
09	54°19.9' N 169°50.1' W	CL	10	310	14	5	/	/	4.0	1026.7	3.9	3.5
10	54°19.7' N 169°54.0' W	CL	10	285	14	4	300	6	4.4	1027.8	5.1	4.1
11	OPERATIONS											
12	54°03.1' N 169°39.5' W	PC	10	303	15	3-5	300	6	4.0	1028.5	4.6	4.1
13	54°02.2' N 169°34.5' W	CL	12	290	12	3-5	300	6	4.0	1029.1	4.0	3.2
14	54°00.5' N 169°32.5' W	CL	12	280	16	3-5	280	4-6	4.0	1029.4	5.5	4.5
15	53°51.8' N 169°21.1' W	CL	12	294	13	3-4	280	4-6	4.1	1030.0	5.8	4.8
16	53°46.8' N 169°16.0' W	PC	10	270	08	2-3	295	4-6	4.8	1030.3	6.1	5.0
17	53°45.3' N 169°14.1' W	PC	10	285	8	2-3	290	4-6	4.9	1030.4	5.2	4.6
18	53°35.9' N 169°07.8' W	CL	10	260	8	1-2	280	4-6	4.6	1030.2	6.4	5.4
19	53°35.6' N 169°03.2' W	CL	10	240	8	1-2	270	4-5	4.7	1030.1	7.4	6.3
20	53°31.2' N 168°58.0' W	CL	12	255	6	1-2	280	5	4.4	1030.1	6.8	5.9
21	53°29.5' N 168°52.4' W	CL	11	255	6	2	280	5	4.4	1030.0	6.0	5.2
22	53°22.0' N 168°42.0' W	CL	11	240	6	1-2	290	5	4.6	1030.0	6.6	5.8
23	53°26.1' N 168°32.8' W	CL	10	300	04	1-2	310	4	4.9	1030.0	6.3	5.2
24	53°34.0' N 168°14.9' W	CL	10	241	08	1-2	310	4-5	4.8	1030.2	6.3	5.4

REMARKS

