

MF-03-03

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

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

MONDAY

DATE

24-FEB-03

TIME ZONE

+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												
02												
03												
04												
05												
06												
07												
08												
09												
10												
11												
12												
13												
14												
15	57° 43.6' N 152° 31.0' W	P.C	10	170	08	4	✓	✓	✓	1002.6	11.5	9.8
16	57° 43.9' N 152° 24.3' W	PC	10	180	18	2	105	3-5	✓	1002.0	10.5	9.0
17	57° 44.5' N 152° 02.5' W	PC	10	200	18	2	170	5	5.9	1002.8	8.3	8.0
18	57° 48.2' N 151° 48.7' W	PC	10	180	10	2	170	6	6.1	1003.0	9.0	8.1
19	57° 47.2' N 151° 48.7' W	CL	10	175	12	2	185	5	6.1	1003.2	8.2	7.9
20	57° 49.4' N 152° 33.2' W	CL	10	155	15	3-5	185	6	5.9	1003.8	5.5	5.5
21	57° 51.1' N 151° 15.8' W	CL	10	164	16	3-5	190	3-6	5.7	1003.8	5.1	5.0
22	57° 53.2' N 150° 55.2' W	CL	08	175	08	2-3	✓	3-6	6.0	1005.0	7.0	5.0
23	57° 55.7' N 150° 32.3' W	CL	08	150	06	2-3	✓	5	6.3	1005.0	7.0	5.5
24	57° 57.6' N 150° 16.6' W	CL	08	140	06	2-3	?	?	6.7	1005.5	5.5	5.2

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	TUESDAY	25 FEB 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	58°00.3' N 149°54.2' W	CL	8	135	10	2-3	?	4-6	6.8	1005.9	5.5	5.3
02	58°02.6' N 149°33.9' W	CL	8	139	10	3-4	?	8	6.9	1005.4	5.4	5.2
03	58°04.9' N 149°14.7' W	CL	5	137	17	4-5	?	8	7.1	1007.0	5.3	5.2
04	58°07.8' N 148°48.5' W	CL	5	128	07	4-5	—	8	6.9	1007.0	5.8	5.3
05	58°09.8' N 148°30.3' W	CL	5	137	12	4-5	—	8	7.0	1007.1	5.3	4.9
06	58°11.7' N 148°14.1' W	CL	10	138	10	4	—	6-8	7.1	1007.2	7.1	6.5
07	58°14.2' N 147°53.9' W	CL	10	115	09	2-3	220	6-8	6.4	1008.0	5.3	4.8
08	58°16.8' N 147°14.2' W	CL	8	120	10	3	220	6-8	5.9	1008.5	6.2	5.2
09	58°20.5' N 147°30.4' W	CL	10	164	10	2-3	210	6-8	6.0	1009.2	6.4	5.8
10	58°33.4' N 148°03.0' W	CL	10	130	10	2-3	190	6-8	6.3	1009.7	7.4	6.5
11	58°42.4' N 148°14.9' W	CL	10	150	08	2-3	210	6-8	6.5	1010.2	8.0	7.0
12	58°47.6' N 148°22.1' W	CL	8	167	10	1-2	235	5-7	7.0	1010.5	7.0	6.0
13	59°00.9' N 148°37.9' W	CL	8	164	06	1-2	235 ¹⁸⁰	5-6	7.0	1010.6	6.9	6.2
14	59°08.7' N 148°46.9' W	CL	10	151	10	1-3	235	5	6.4	1010.6	6.9	6.4
15	59°16.0' N 148°56.0' W	CL	10	150	10	2-3	210	5	6.5	1010.8	8.0	6.8
16	59°17.4' N 148°58.1' W	CL	10	140	10	1-2	130	4-5	6.5	1010.9	7.0	6.0
17												
18	59°17.4' N 148°57.6' W	CL	10	155	10	1-2	180	4-5	6.4	1010.0	5.5	5.0
19	59°17.3' N 148°56.9' W	CL	8-10	125	10	2	190	5-6	6.5	1009.9	8.0	7.2
20	59°17.7' N 148°57.6' W	CL	8	205	08	1-2	200	4-5	6.5	1010.0	7.2	6.9
21	59°18.0' N 148°52.5' W	CL	8	178	06	1-2	200	4-5	6.4	1009.8	7.7	7.0
22	59°18.1' N 148°51.2' W	CL	6	195	06	1-2	—	4	6.5	1010.0	7.2	6.5
23	59°17.6' N 148°57.4' W	CL	6	177	09	1-2	—	—	6.4	1010.0	7.0	5.9
24	59°17.5' N 148°57.1' W	CL	6	185	10	2-3	060	4	6.4	1010.0	7.1	5.8

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

WED

DATE

26-FEB-03

TIME ZONE

+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	59° 16.0' N 149° 58.2' W	CL	8	125	09	1-2	?	?	6.5	1009.2	7.1	5.8
02	59° 07.4' N 149° 05.5' W	CL	8	115	09	2	?	?	6.5	1009.0	5.6	4.9
03	58° 59.0' N 149° 12.8' W	L	6	134	15	3-4	?	?	7.0	1008.5	5.4	4.4
04	58° 46.8' N 149° 22.5' W	R	4	137	20	5-6	—	—	6.7	1007.3	4.5	3.9
05	58° 47.9' N 149° 30.3' W	R	3-4	153	20	5-7	—	—	6.4	1006.5	4.3	3.8
06	58° 28.8' N 149° 37.4' W	R	4-5	127	22	5-7	/	/	6.6	1005.2	4.6	4.2
07	58° 19.3' N 149° 44.5' W	R	6-7	130	17	5-7	/	/	6.5	1004.1	4.8	4.2
08	58° 10.9' N 149° 51.5' W	R	5-6	129	21	7-10	—	—	7.1	1003.8	4.3	4.4
09	58° 03.2' N 149° 58.0' W	R	6	129	25	7-10	—	—	6.7	1003.0	4.8	5.0
10	58° 05.4' N 150° 15.8' W	L	6	156	22	7-10	—	—	6.9	1002.9	5.8	5.6
11	58° 10.2' N 150° 35.5' W	CL	8	168	17	6-8	—	—	6.9	1002.4	6.4	6.1
12	58° 14.2' N 150° 47.5' W	CL	8	195	10	1-3	215	6-7	6.4	1002.3	5.6	5.0
13	58° 20.2' N 151° 08.9' W	PC	8	182	18	3	210	6-7	6.1	1001.9	5.9	7.3
14	58° 26.7' N 151° 28.3' W	PC	10	195	14	4-6	200	5-7	6.4	1001.5	6.3	5.0
15	58° 30.4' N 151° 41.3' W	PC	10	178	14	4-6	205	5-7	6.6	1001.1	6.5	5.0
16	58° 36.7' N 152° 02.6' W	PC	10	165	12	2-3	200	4-5	6.6	1001.0	7.0	5.0
17	58° 42.1' N 152° 19.6' W	PC	10	160	14	2-3	110	4-5	6.3	1000.6	7.8	6.5
18	58° 42.2' N 152° 37.4' W	PC	10	171	8	2+3	230	1-2	6.2	1000.2	5.2	4.1
19	58° 34.1' N 152° 52.4' W	PC	10	178	11	2-3	225	5	5.8	1000.5	5.9	4.3
20	58° 28.0' N 153° 10.7' W	PC	10	199	12	2-4	/	/	5.8	1000.5	4.5	6.1
21	58° 21.0' N 153° 27.1' W	PC	11	196	13	2-4	/	/	6.0	1000.1	5.6	4.0
22	58° 14.9' N 153° 46.3' W	PC	10	180	16	3-4	/	/	5.6	1000.5	5.1	3.9
23	58° 08.0' N 153° 52.7' W	PC	10	180	18	3-4	/	/	5.7	1001.1	4.1	3.0
24	58° 03.0' N 154° 12.7' W	PC	10	175	18	6-8	/	/	4.4	1001.1	4.2	3.6

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

DAY

DATE

TIME ZONE

MILLER FREEMAN

THURS

27 FEB 03

19

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° 57.9' N 154° 29.4' W	PC	8	190	14	3-4	240	6-8	4.7	1001.5	4.7	3.9
02	57° 52.4' N 154° 45.9' W	PC	8	185	15	3-4	240	6-7	4.9	1002.0	5.2	4.6
03	57° 48.1' N 155° 00.3' W	CL	8	190	16	3-4	240	6-7	4.9	1001.9	5.5	4.5
04	57° 42.1' N 155° 15.6' W	PC	8	210	16	4	240	6	5.4	1002.3	5.5	4.8
05	57° 41.3' N 155° 01.8' W	PC	8	220	12	2-4	230	6	5.3	1002.7	5.5	4.9
06	57° 28.4' N 155° 09.4' W	PC	8	205	14	2-3	210	6	5.1	1002.8	5.9	4.8
07	57° 35.3' N 154° 59.3' W	PC	10	215	21	3	210	6	5.0	1003.9	5.3	4.6
08	57° 32.0' N 154° 50.3' W	PC	10	200	20	3-4	210	6	4.8	1004.1	5.5	4.9
09	57° 29.2' N 154° 41.4' W	P.C	10	210	18	3-4	210	3-5	4.6	1004.9	5.8	5.0
10	57° 29.1' N 154° 45.4' W	P.C	10	190	15	3-4	220	3-6	4.9	1004.5	6.0	5.0
11	57° 29.1' N 154° 48.4' W	P.C	10	210	15	3-4	220	4-6	4.9	1005.1	7.0	6.0
12	57° 33.1' N 154° 56.7' W	PC	10	175	14	3-5	215	4-7	4.8	1005.1	5.8	4.7
13	57° 36.2' N 155° 05.2' W	PC	10	175	16	3-5	225	6-7	5.2	1005.1	7.5	5.2
14	57° 38.8' N 155° 03.3' W	PC	10	162	14	3-4	210	6-7	5.3	1005.0	5.4	3.6
15	57° 37.4' N 155° 04.3' W	CL	8	160	14	4	205	6-7	5.3	1004.6	5.2	3.9
16	57° 39.6' N 155° 05.5' W	CL	08	140	16	2-3	190	5-6	4.6	1003.5	5.5	4.3
17	57° 41.4' N 155° 11.2' W	CL	10	100	10	2-3	240	5-6	4.6	1003.2	5.8	4.8
18	57° 41.7' N 155° 13.9' W	CL	10	070	16	2-3	210	5-6	4.6	1002.2	5.0	3.9
19	57° 41.7' N 155° 12.9' W	CL	10	060	20	2-3	210	5-6	4.6	1002.0	6.5	4.9
20	57° 34.3' N 155° 27.4' W	CL	8	087	20	3-5	210	5-6	5.3	1000.5	4.5	4.0
21	57° 20.4' N 155° 23.1' W	CL	8	100	24	4-6	—	—	5.0	999.1	3.0	2.7
22	57° 18.2' N 155° 45.4' W	CL	8	100	24	6	—	—	5.3	997.5	3.5	3.5
23	57° 10.6' N 155° 56.8' W	CL	6	100	16	6	—	—	5.4	996.0	3.5	3.5
24	57° 04.3' N 156° 05.8' W	CL	6-7	105	30	6-8	—	—	5.4	994.9	4.2	4.0

REMARKS

* Aprox 0030 FREEZING RAIN

* 5.5 millibar drop in 9 hrs

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	FRIDAY	28 FEB 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	56° 52.4' N 156° 17.0' W	R	4-5	105	25	8-10	/	/	5.5	1003.3	4.9	4.8
02	54° 46.9' N 156° 30.5' W	R	4	100	26	10	/	/	5.6	992.1	5.4	5.3
03	56° 40.6' N 156° 39.6' W	R	1	110	20	6-8	/	/	5.7	992.0	5.5	5.4
04	56° 30.3' N 156° 54.0' W	CL	7	157	15	6-8	—	—	5.6	991.2	5.9	5.9
05	56° 25.4' N 157° 09.2' W	CL	7	159	17	5-7	—	—	5.6	991.3	5.7	5.7
06	56° 18.1' N 157° 23.0' W	CL	8	135	18	5-7	/	/	5.6	991.2	5.8	5.7
07	56° 10.9' N 157° 39.2' W	L	6-7	125	20	5-7	/	/	5.6	990.2	5.9	5.9
08	56° 04.6' N 157° 54.9' W	R	6	125	20	5-6	330	5	5.4	990.1	6.2	6.1
09	55° 58.5' N 158° 10.6' W	R	8	140	18	4-5	190	6-8	5.5	990.7	6.0	5.9
10	55° 44.5' N 158° 25.7' W	R	5	129	12	3-5	180	6-8	5.4	990.3	6.1	6.0
11	55° 43.4' N 158° 41.3' W	L	3	126	13	2-4	180	8	5.3	991.0	6.1	6.0
12	55° 40.5' N 158° 55.0' W	L	2-3	138	11	2-4	145	6-8	5.4	991.2	6.1	6.1
13	55° 35.4' N 159° 18.6' W	L	3-4	125	10	1-2	130 155	6-7	5.2	991.2	6.0	6.0
14	55° 32.0' N 159° 32.0' W	CL	6-8			1-7	145	6-8	5.7	991.2	6.1	6.0
15	55° 29.3' N 160° 20.6' W	CL	4-6	120	08	1-2	140	6-8	5.1	992.1	6.2	6.0
16	55° 26.5' N 160° 40.4' W	CL	5	138	08	1	135	5	5.2	993.5	7.0	6.9
17	55° 21.4' N 160° 58.7' W	CL	5	180	05	1	190	5	4.9	994.9	5.8	5.8
18	55° 17.5' N 161° 16.7' W	CL	8	270	1	—	185	4	4.8	995.9	5.8	5.8
19	55° 16.3' N 161° 38.4' W	CL	10	215	4	>1	/	/	4.9	997.1	6.0	5.8
20	55° 16.7' N 161° 38.5' W	CL	10	215	10	<1	/	/	4.9	1000.0	6.0	5.0
21	55° 19.1' N 161° 24.1' W	PC	10	230	10	<1	/	/	4.8	1001.0	6.1	5.1
22	55° 19.5' N 161° 21.4' W	PC	10	220	09	1	/	/	4.8	1002.0	7.6	6.7
23	55° 19.5' N 161° 21.4' W	PC	10	220	09	1	/	/	4.8	1002.0	7.6	6.7
24	55° 19.5' N 161° 24.4' W	PC	10	220	09	1	/	/	4.8	1002.0	7.6	6.7

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

DAY

DATE

TIME ZONE

MILLER FREEMAN

SATURDAY

01 MAR 03

+7

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°19.2' N 161°24.5' W	Pc	10	185	10	1-2	/	/	4.8	1002.2	6.1	4.9
02	55°20.7' N 161°36.5' W	PC	10	190	15	1-2	/	/	2.7	1002.8	5.5	4.8
03	55°20.8' N 161°43.6' W	PC	10	200	20	2-3	/	/	4.7	1004.0	4.8	3.8
04	55°21.1' N 161°36.9' W	PC	8	190	22	3	/	/	4.7	1003.5	4.8	3.7
05	55°20.0' N 161°38.8' W	CL	8	188	14	3-4	/	/	4.8	1003.7	4.5	4.1
06	55°18.9' N 161°41.1' W	CL	8	190	17	3	/	/	4.6	1004.1	4.7	4.6
07	55°15.4' N 161°43.2' W	CL	7-8	195	16	3-4	/	/	4.9	1005.1	5.9	5.5
08	55°10.8' N 161°41.8' W	CL	10	148	08	2-4	/	/	4.8	1005.0	6.0	5.8
09	55°10.8' N 161°40.8' W	CL	8	190	10	3-4	/	/	4.9	1005.2	8.0	7.5
10	55°11.1' N 161°41.4' W	CL	8	180	12	3-4	/	/	4.9	1006.9	7.0	6.8
11	55°11.8' N 161°52.4' W	CL	4	145	16	2-3	/	/	4.6	1006.7	5.9	5.8
12	55°06.1' N 161°55.2' W	CL-L	4	167	16	2-3	/	/	4.7	1007.1	6.0	6.0
13	55°00.3' N 162°13.1' W	L	5	151	13	2-3	/	/	4.6	1007.0	5.5	5.5
14	54°56.6' N 162°28.4' W	BRF	2	134	16	3-5	/	/	4.5	1005.5	5.5	5.3
15	54°51.6' N 162°38.7' W	CL	4	155	18	2-4	220	3-4	4.7	1005.1	5.4	5.3
16	54°48.3' N 162°55.5' W	CL/L	2	155	14	2-4	160	6-7	4.8	1003.6	5.9	5.5
17	54°36.9' N 163°02.0' W	CL	2	155	18	2-4	155	6-7	4.8	1003.2	5.5	6.0
18	54°23.0' N 163°25.7' W	CL-L	2	150	22	4-5	190	7-8	4.1	1002.9	5.9	5.8
19	54°29.9' N 163°59.1' W	CL	2	154	20	4-5	220	8	4.9	1001.6	6.0	5.9
20	54°29.0' N 164°03.6' W	CL/L	3	148	22	4-6	200	6-10	4.7	999.3	6.1	6.0
21	54°21.2' N 164°33.7' W	CL/R	23	145	29	5-9	/	/	4.9	997.8	6.0	5.9
22	54°20.5' N 164°42.8' W	CL	4	135	24	8-9	/	/	4.9	996.0	6.0	6.0
23	54°22.0' N 165°02.8' W	CL	4	150	30	8-9	/	/	5.0	994.0	5.0	5.9
24		R	10	135	34	8-10	/	/	5.0	991.6	5.7	5.7

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

SUNDAY

DATE

02 MAR 03

TIME ZONE

+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°23.5' N 165°21.7' W	R	6-7	145	35	8-10	/	/	4.7	988.9	5.8	5.8
02	54°21.2' N 165°23.8' W	R	8	180	36	10	—	—	4.7	988.0	7.0	7.0
03	54°03.5' N 165°12.9' W	R	8	180	30	10	—	—	5.0	990.0	7.8	7.5
04	54°46.8' N 164°49.0' W	L	8	198	42	10	—	—	4.6	992.8	7.6	6.7
05	54°56.5' N 164°35.8' W	CL	8	209	31	8-10	—	—	4.8	996.1	8.2	7.1
06	55°08.7' N 164°20.8' W	PO	10	210	32	8-10	/	/	4.7	998.2	7.8	6.5
07	55°13.3' N 164°02.5' W	PO	10	200	32	8-9	/	/	4.7	1000.2	7.1	5.8
08	55°21.3' N 163°46.1' W	PC	10	200	30	8-10	/	/	3.5	1002.0	6.2	4.8
09	55°29.2' N 163°32.0' W	PC	10	200	30	8-10	—	—	4.7	1004.3	7.1	5.4
10	55°36.9' N 163°12.6' W	PC	10	194	26	8-10	—	—	4.5	1006.5	7.8	5.7
11	55°42.7' N 162°51.8' W	CL	10	189	24	6-9	—	—	4.3	1008.3	8.5	6.3
12	55°46.4' N 162°37.2' W	CL	10	190	27	7-9	/	/	4.9	1009.4	5.5	3.8
13	55°51.5' N 162°18.3' W	CL	10	195	28	7-9	—	—	3.9	1011.2	8.1	6.1
14	55°57.0' N 161°58.3' W	CL	10	205	21	7-9	/	/	3.6	1013.2	8.9	3.7
15	56°00.7' N 161°44.3' W	CL	8	189	22	4-6	240	6-8	3.1	1013.5	5.7	4.0
16	56°06.7' N 161°21.6' W	CL	10	190	18	3-4	270	6-8	3.1	1014.4	8.2	6.2
17	56°17.5' N 161°03.6' W	CL	10	160	20	2-3	270	6-8	2.7	1015.5	8.0	6.3
18	56°15.9' N 160°46.7' W	CL	10	172	20	2	200	5	3.0	1015.7	7.9	6.0
19	56°21.2' N 160°27.6' W	CL	10	189	20	2-3	210	4-5	2.7	1016.0	6.5	5.0
20	56°25.1' N 160°12.9' W	PC	10	198	23	2-3	240	4-5	2.6	1017.0	5.2	3.1
21	56°25.3' N 160°13.3' W	PC	10	180	20	2-3	240	4-5	2.6	1017.7	5.1	3.0
22	56°26.2' N 160°17.6' W	PC	10	143	10	2-3	/	4-5	2.6	1018.9	4.5	3.0
23	56°27.9' N 160°20.8' W	PC	10	175	20	2-3	/	5-6	2.7	1019.0	5.0	3.0
24	56°29.1' N 160°28.2' W	PC	10	175	16	3-4	250	5-6	3.0	1019.5	4.7	3.6

REMARKS

0145 ~~PORT~~ SIDE THERMOMETER BUSTED
STARBOARD

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

DAY

DATE

TIME ZONE

MILLER FREEMAN

TUESDAY

04 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	56° 51.9' N 163° 52.2' W	PC	10	325	18	2-3	250	5-6	3.8	1032.0	2.3	1.9
02	56° 54.6' N 163° 56.1' W	PC	10	318	18	2-3	250	5-6	4.0	1032.0	3.7	3.0
03	56° 52.0' N 164° 03.1' W	S	7	335	17	3-4	250	6-7	3.9	1033.9	2.0	1.0
04	56° 50.6' N 164° 08.8' W	S	7	325	14	2-3	250	5-6	3.9	1034.0	1.1	0.2
05	56° 50.3' N 164° 09.9' W	S	2	341	21	4-6	250	6-8	3.9	1034.4	1.8	1.0
06	56° 51.1' N 164° 06.4' W	S	8	320	21	3-4	250	6-8	3.9	1035.0	0.5	0.0
07	56° 52.1' N 164° 02.1' W	CL	10+	340	18	4	240	6-8	3.9	1035.5	0.2	-0.7
08	56° 51.3' N 164° 06.4' W	CL	10	330	17	4	240	6-7	3.8	1035.0	0.7	0.0
09	56° 51.9' N 164° 02.0' W	CL	10	320	18	4-5	240	6-8	3.9	1036.5	0.5	0.0
10	56° 52.1' N 164° 01.8' W	CL/S	10	330	18	4-5	300	6-8	3.9	1036.5	0.2	0.0
11	56° 51.2' N 164° 01.4' W	CL/SW	10	340	16	5-5	300	6-8	3.9	1037.0	1.5	1.0
12	56° 51.7' N 164° 02.3' W	CL	8	340	18	5-7	305	6-8	3.9	1038.0	0.3	-0.3
13	56° 50.8' N 164° 01.2' W	PC	10	340	20	4-6	305	6-7	3.9	1038.0	1.1	-0.1
14	56° 51.7' N 164° 02.6' W	PC	8	335	17	4-7	300	6-7	3.9	1037.9	2.3	0.5
15	56° 51.6' N 164° 03.1' W	PC	8	340	19	5-7	—	—	3.9	1037.2	2.5	1.0
16	56° 55.5' N 164° 17.2' W	PC	10	350	12	3-4	345	6-7	3.9	1037.0	2.0	1.0
17	56° 59.8' N 164° 33.4' W	CL	10	350	12	3-4	345	6-7	3.9	1037.0	2.5	2.0
18	57° 04.1' N 164° 49.2' W	CL	10	348	12	4	320	6-7	3.6	1037.7	3.9	2.6
19	57° 07.0' N 164° 59.7' W	CL/S	8	350	12	4-8	330	8	3.6	1038.0	1.0	0
20	57° 12.5' N 165° 16.0' W	CL/S	8	330	12	4-6	330	6-9	3.2	1038.5	2.0	1.5
21	57° 17.4' N 165° 29.7' W	CL	8	339	15	3-6	330	6-8	3.2	1038.7	2.0	1.0
22	57° 23.4' N 165° 47.3' W	CL	08	325	18	2-3	315	6-8	3.0	1039.5	3.5	2.0
23	57° 25.9' N 165° 58.8' W	CL	08	347	14	—	320	6-8	3.0	1039.5	7.0	4.0
24	57° 28.3' N 166° 16.3' W	CL/S	8	340	12	3-5	380	6	2.9	1039.2	-1.2	-1.3

REMARKS

SNOW!! LAME, COLD, LAME

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	WEDNESDAY	05 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	57° 31.0 N 166° 36.5 W	CL	8	000	15	3-5	340	4-6	2.7	1039.4	-0.5	-0.8
02	57° 37.2 N 166° 34.6 W	CL	8	000	15	3-5	340	4-6	2.5	1039.7	-0.3	-0.7
03	57° 34.9 N 167° 10.1 W	CL	8	350	12	2-4	/	/	2.4	1039.9		
04	57° 37.7 N 167° 35.2 W	CL	8	005	10	2-4	/	/	2.5	1039.9	-1.3	-1.2
05	57° 40.3 N 167° 51.9 W	CL	8	342	12	2-4	/	/	2.6	1039.4	-1.0	-1.9
06	57° 42.8 N 168° 07.0 W	CL	8	045	09	2-3	/	/	2.7	1039.8	-1.2	-1.2
07	57° 46.1 N 168° 28.1 W	CL	8	020	14	2-3	/	/	2.8	1040.1	-1.5	-1.5
08	57° 53.6 N 168° 36.4 W	CL	8	020	14	2-3	/	/	2.5	1040.1	-0.5	Frozen
09	58° 03.1 N 168° 43.2 W	CL	10	010	18	2-4	/	/	2.4	1040.2	-0.4	-1.5
10	58° 01.4 N 168° 54.8 W	CL	10	013	14	2-4	265	4	2.5	1040.1	-0.4	-1.6
11	57° 57.3 N 169° 12.0 W	CL	10	359	15	2-3	265	4	2.2	1040.0	-1.2	-1.1
12	57° 35.6 N 169° 18.3 W	CL	10	000	12	3	255	3-5	2.2	1039.9	-1.2	-1.1
13	57° 52.8 N 169° 03.6 W	CL	100	006	18	3-4	070	5	2.4	1039.3	-1.1	-1.2
14	57° 50.7 N 168° 53.6 W	CL	11	020	16	3-4	0208	4-5	2.4	1039.0	0.08	0
15	57° 47.3 N 168° 58.5 W	CL	11	058	13	3-4	020	4-5	3.0	1038.8	0.04	-0.2
16												
17	57° 29.4 N 168° 43.8 W	CL	11	040	20	3-6	020	4-5	3.1	1036.5	-1.6	-1.5
18	57° 21.6 N 168° 30.1 W	CL	10	022	20	3-4	045	5	3.1	1036.2	-1.6	-1.1
19	57° 03.5 N 168° 15.5 W	CL	10	015	15	3	050	5	3.4	1035.0	-1	0
20	57° 05.3 N 168° 01.4 W	CL	10	017	20	3-6	050	5-6	3.2	1034.7	-1.5	-1
21	56° 59.4 N 167° 50.9 W	CL	10	009	18	3-6	060	5-6	3.5	1034.2	-3	-2.7
22	56° 49.4 N 167° 33.6 W	CL	10	010	22	3	/	5-6	3.8	1033.0	0.5	-0.2
23	56° 41.2 N 167° 19.4 W	PC	10	015	24	3	/	5-6	3.5	1032.5	1.0	0
24	56° 33.6 N 167° 06.0 W	PC	10	000	21	6-8	/	/	4.1	1031.9	1.2	0.3

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	THURSDAY	06 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	56° 25.2' N 166° 51.9' W	PC	10	355	20	5-7	060	4-6	4.2	1030.8	1.3	0.6
02	56° 15.6' N 166° 35.3' W	PC	10	007	18	5-7	—	—	4.4	1030.0	1.5	0.8
03	56° 12.4' N 166° 24.1' W	CL	10	020	25	6-9	—	—	4.4	1030.2	1.6	0.8
04	56° 10.5' N 166° 11.6' W	CL	10	038	23	6-9	—	—	4.3	1028.6	0.6	-0.2
05	56° 07.8' N 166° 00.1' W	CL	10	035	16	5-6	—	—	4.7	1028.6	1.5	0.6
06	56° 04.2' N 166° 22.3' W	CL	10	050	18	6-8	—	—	4.5	1028.7	2.8	1.9
07	55° 58.9' N 166° 34.2' W	CL	10	040	18	5-6	—	—	4.6	1028.1	3.2	1.8
08	56° 01.5' N 166° 22.4' W	CL	10	037	14	5-6	—	—	4.2	1027.3	0.8	-0.2
09	56° 03.3' N 166° 19.7' W	CL	10	040	13	3-5	050	6-8	4.3	1027.5	1.2	0.0
10	55° 54.1' N 166° 15.0' W	CL	10	054	14	3-5	—	—	4.3	1027.1	1.0	0.0
11	55° 55.5' N 166° 09.4' W	CL	10	045	10	3-4	050	6-8	4.6	1026.8	2.0	1.0
12	55° 49.9' N 166° 10.7' W	CL	8	058	12	2-3	030	6-7	4.5	1027.0	1.8	0.7
13	55° 36.7' N 166° 19.0' W	CL	10	045	10	1-2	030	3-5	4.6	1026.5	2.0	0.2
14	55° 36.4' N 166° 11.0' W	CL	8	050	08	1-2	000	4-5	4.6	1026.2	3.0	1.6
15	55° 26.1' N 166° 12.6' W	CL	8	057	12	1-2	010	4-5	4.5	1025.8	1.8	1.5
16	55° 12.1' N 166° 16.5' W	CL	10	040	12	1-2	040	4-5	4.5	1025.0	2.3	1.5
17	54° 59.9' N 166° 18.9' W	CL	10	015	12	1-2	060	4-5	4.3	1024.5	2.6	1.0
18	54° 50.4' N 166° 16.0' W	CL	10	050	16	2-4	—	—	4.3	1024.0	2.7	1.7
19	54° 47.0' N 166° 17.5' W	CL	10	075	13	4	—	—	4.4	1023.8	3.0	1.3
20	54° 32.1' N 166° 20.0' W	CL	10	031	10	2-4	—	—	4.6	1023.5	2.6	1.0
21	54° 28.9' N 166° 24.1' W	CL	10	026	11	2-4	—	—	4.4	1023.2	3.1	1.2
22	54° 21.2' N 166° 23.0' W	CL	10	020	10	2-3	—	—	4.5	1023.0	2.9	1.0
23	54° 15.7' N 166° 22.1' W	CL	10	020	10	2-3	—	—	4.8	1023.0	3.0	1.1
24	54° 10.2' N 166° 21.1' W	CL	10	020	08	2-3	040	2-4	4.8	1022.3	3.1	1.3

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

DAY

DATE

TIME ZONE

MILLER FREEMAN

FRIDAY

07 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° 01.7 N 166° 19.9 W	CL	10	030	06	2-3	040	2-4	4.7	1021.6	3.1	1.4
02	54° 01.2 N 166° 17.8 W	CL	10	055	03	1-2	280	2-3	4.7	1021.7	2.5	0.4
03	54° 01.9 N 166° 16.8 W	CL	10	305	07	1	030	2-3	4.9	1021.2	2.9	1.3
04	54° 00.7 N 166° 15.5 W	CL	10	002	06	1-2	—	←	4.7	1020.9	4.0	2.0
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REMARKS