

TRANSIT TO FO DIAK

1/30/03 - 2/4/03

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

[illegible]

## DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

DAY

DATE

TIME ZONE

MILLER FREEMAN

FRIDAY

JAN. 31

+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	49.20.2 N 123.46.3 W	CL	10	100	17	1-3	—	—	7.6	1008.9	9.5	9.2
02	49.22.8 N 123.06.6 W	CL	10	108	16	1-3	—	—	7.9	1008.8	9.5	9.0
03	49.30.0 N 123.31.0 W	CL	10	170	18	1-3	—	—	8.1	1008.0	9.5	9.0
04	49.37.3 N 124.40.0 W	CL	10	137	20	1-3	—	—	8.1	1007.5	11.8	10.3
05	49.47.0 N 124.53.9 W	CL	10	130	18	1-3	—	—	8.4	1006.2	11.1	9.7
06	49.56.3 N 125.07.3 W	CL	10	180	06	1-3	—	—	8.1	1005.1	8.7	10.0
07	50.04.0 N 125.09.1 W	CL	10	Var	02	71	—	—	8.3	1005.8	7.9	7.5
08	50.20.4 N 125.26.4 W	CL	8	—	27	71	—	—	8.2	1005.7	9.9	9.8
09	50.23.6 N 125.47.4 W	PC	11	—	—	71	—	—	8.1	1004.9	10.2	10.0
10	50.27.8 N 126.06.7 W	L	10	—	—	1-3	—	—	7.9	1004.9	10.0	9.9
11	50.50.1 N 126.29.8 W	R	2	074	23	1-3	—	—	7.9	1003.8	10.0	9.9
12	50.33.5 N 126.49.9 W	CL	8	105	14	1-2	—	—	7.9	1003.6	11.1	10.0
13	50.37.2 N 127.03.4 W	CL	7	119	13	1-3	—	—	8.0	1003.1	11.2	9.7
14	50.45.1 N 127.20.6 W	CL	4	128	10	1-3	—	—	7.9	1002.8	10.1	9.6
15	50.52.5 N 127.31.2 W	CL	5	141	19	2-4	—	—	8.1	1002.7	9.8	8.5
16	51.03.0 N 127.48.0 W	CL	6	142	21	2-4	—	—	8.1	1002.4	10.0	9.0
17	51.15.8 N 127.53.6 W	CL	6	134	21	3-6	205	6	8.6	1003.5	9.8	8.7
18	51.27.4 N 127.52.0 W	CL	6	110	17	2-4	—	—	8.0	1008.5	10.3	9.3
19	51.38.7 N 127.54.9 W	CL	6	155	08	1-3	—	—	7.8	1004.5	10.3	9.7
20	51.53.6 N 127.58.8 W	CL	6	—	—	1-3	—	—	7.8	1005.1	10.1	9.9
21	52.04.0 N 127.55.2 W	CL	6	048	14	1-3	—	—	7.6	1005.2	9.9	9.8
22	52.09.7 N 128.02.6 W	CL	2	107	06	1-3	—	—	7.7	1007.5	10.0	9.8
23	52.15.2 N 128.20.0 W	CL	2	042	05	2-4	—	—	7.6	1008.9	10.0	9.9
24	52.21.6 N 128.31.4 W	CL	4	047	08	2-4	—	—	7.5	1009.4	7.4	7.0

REMARKS

## DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

SATURDAY FEB. 1

DATE

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	52.32.2 N	128.28.2 W	CL	3	006	10	1-3	—	—	7.4	1010.5	7.0	7.4
02	52.42.9 N	128.33.4 W	L	2	004	15	1-2	—	—	7.3	1011.2	8.3	7.9
03	52.56.1 N	128.30.7 W	L	2	007	5	1-2	—	—	7.2	1012.1	7.6	7.0
04	52.58.8 N	128.34.1 W	F/A	1/2	VAR	1-2	1-7	—	—	7.1	1012.8	7.2	6.7
05	53.13.3 N	128.46.9 W	A	2	VAR	1-2	>1	—	—	7.1	1014.0	7.0	6.5
06	53.18.9 N	129.03.0 W	CL	6	235	12	1-3	—	—	6.5	1015.1	6.0	5.7
07	53.21.9 N	129.19.2 W	CL	8	257	6	>1	—	—	6.6	1015.8	6.0	5.3
08	53.30.6 N	129.33.3 W	PC	2	300	5	>1	—	—	6.9	1016.7	5.9	5.5
09	53.40.2 N	129.46.8 W	PC	12	329	2	>1	—	—	7.4	1017.0	5.0	4.9
10	53.49.8 N	130.00.3 W	PC	12	321	2	>1	—	—	7.3	1017.0	5.0	4.9
11	53.58.8 N	130.12.7 W	PC	12	—	—	>1	—	—	—	1019.0	6.0	5.3
12	54.08.9 N	130.25.4 W	PC	12	215	2	>1	—	—	7.5	1019.1	6.7	5.3
13	54.15.2 N	130.44.5 W	CL	12	295	1	>1	—	—	8.1	1019.2	7.6	6.5
14	54.18.8 N	130.52.6 W	CL	12	195	2	>1	—	—	7.9	1019.2	7.0	5.2
15	54.22.8 N	131.20.7 W	PC	12	111	4	>1	290	3	7.6	1019.9	7.6	6.2
16	54.26.1 N	131.45.5 W	PC	12	200	2	1	285	3-5	7.5	1020.2	7.3	7.0
17	54.29.0 N	132.06.5 W	PC	12	187	12	1-2	265	3-5	7.1	1020.0	6.5	6.3
18	54.31.8 N	132.26.9 W	PC	12	185	12	1-2	265	3-5	7.3	1020.0	6.5	5.5
19	54.35.1 N	132.52.0 W	PC	12	170	14	2-4	260	3-5	7.5	1019.5	6.8	5.8
20	54.37.8 N	133.02.3 W	PC	12	171	17	2-4	—	3-5	7.3	1019.0	7.1	6.0
21	54.42.8 N	133.31.2 W	PC	12	170	18	2-4	320	3-5	7.5	1017.5	7.5	6.0
22	54.46.6 N	134.01.1 W	PC	12	175	20	2-4	—	3-5	7.5	1017.0	7.5	6.1
23	54.50.5 N	134.06.6 W	PC	8	167	24	2-4	—	3-5	7.5	1016.2	6.9	5.8
24	54.54.8 N	134.25.5 W	CL	8	163	26	4-6	185	5-7	8.1	1014.3	7.5	6.2

REMARKS

## DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

DAY

DATE

TIME ZONE

MILLER FREEMAN

SUNDAY FEB. 2

+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	54.59.7 N 134.54.0 W	CL	8	160	28	8-10	—	—	7.7	1012.9	7.5	6.3
02	55.04.3 N 135.01.6 W	CL	8	157	32	10-12	—	—	7.6	1010.6	6.4	5.9
03	55.05.8 N 135.19.2 W	CL	4	153	32	12-15	—	—	7.5	1008.8	6.2	6.1
04	55.13.3 N 135.25.8 W	CL	3	248	26	10-16	—	—	6.8	1006.2	5.3	5.1
05	55.19.2 N 135.51.0 W	CL	3	175	26	10-16	—	—	6.9	1007.0	5.6	5.3
06	55.21.6 N 135.08.5 W	CL	8	200	28	10-14	—	—	6.8	1006.0	6.5	5.5
07	55.25.5 N 136.24.7 W	CL	8	210	26	8-14	—	—	6.8	1005.1	6.6	5.6
08	55.29.1 N 136.41.9 W	CL	10	215	34	12-15	—	—	6.8	1004.0	6.8	5.8
09	55.37.2 N 136.56.3 W	CL	10	216	79	16-18	290	—	6.8	1003.9	5.1	5.1
10	55.35.1 N 137.10.2 W	CL/R	8	225	25	15	255	—	7.3	1004.0	6.1	6.0
11	55.38.2 N 137.21.1 W	CL/R	10	256	44	15-20	—	—	6.6	1005.1	6.1	5.9
12	55.40.9 N 137.36.8 W	CL	8	244	40	15-20	—	—	6.7	1006.6	6.0	5.6
13	55.48.3 N 137.49.1 W	CL	8	250	39	23-30	—	—	6.7	1007.8	6.5	6.0
14	55.45.9 N 138.00.9 W	CL	8	248	44	20-30	—	—	6.6	1009.2	8.0	6.5
15	55.48.5 N 138.12.9 W	CL	8	258	32	15-25	—	—	7.0	1010.2	7.2	6.8
16	55.49.8 N 138.23.7 W	CL	10	255	36	10-35	—	—	7.4	1011.9	7.9	6.7
17	55.52.1 N 138.34.3 W	CL	8	255	34	12-30	—	—	7.3	1014.0	7.5	6.5
18	55.54.7 N 138.44.6 W	CL	7	250	33	12-25	—	—	7.4	1016.4	7.8	6.8
19	55.56.9 N 138.55.7 W	CL	8	270	32	10-20	—	—	7.4	1017.3	7.4	5.9
20	55.58.5 N 139.09.6 W	CL	8	249	17	10-20	—	—	7.2	1018.0	7.2	6.9
21	56.02.6 N 139.23.0 W	CL	10	271	17	10-15	—	—	6.0	1019.7	7.5	6.1
22	56.05.1 N 139.37.9 W	PC	8	216	16	10-15	—	—	6.0	1020.0	8.0	7.1
23	56.08.2 N 139.52.1 W	PC	8	207	16	10-15	—	—	6.3	1020.2	8.0	6.2
24	56.11.3 N 140.10.5 W	PC	8	194	17	10-15	—	—	6.6	1021.1	8.1	7.3

REMARKS

temperature thermometer broken on Portside with wind  
on portside temperatures were estimated -

## DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	MONDAY	FEB. 3	+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	56.14.1 N 140.29.0 W	CL	10	156	19	10-15	—	—	6.1	1020.6	8.3	7.6
02	56.17.4 N 140.46.4 W	CL	10	166	20	8-12	—	—	6.2	1019.8	8.8	7.9
03												
04	56.26.1 N 141.36.5 W	CL	6	152	21	8-15	—	—	6.1	1018.5	8.0	7.8
05	56.29.1 N 141.53.7 W	CL	6	162	20	8-15	—	—	6.5	1018.5	8.5	8.2
06	56.31.4 N 142.09.9 W	CL	6	171	19	6-10	250	6-10	6.3	1017.7	8.9	8.7
07	56.35.1 N 142.30.4 W	CL	6	165	19	6-15	—	—	6.6	1017.0	8.5	8.4
08	56.38.4 N 143.50.8 W	CL	10	159	26	12-15	—	—	6.7	1017.0	10.1	9.1
09	56.41.5 N 143.36.5 W	CL	8	175	26	10-15	250	6-8	6.2	1017.0	10.0	9.8
10	56.44.8 N 143.33.2 W	CL	8	170	25	10-12	250	8-10	5.8	1017.0	9.8	9.0
11	56.47.6 N 143.50.8 W	CL	8	149	27	12-18	250	8-12	5.9	1016.8	10.0	9.0
12	56.50.7 N 144.11.4 W	CL	8	163	23	8-12	250	8-12	5.8	1016.7	9.8	9.0
13	56.54.0 N 144.33.1 W	CL/F	71	164	26	6-10	250	8-12	5.8	1016.0	7.8	6.5
14	56.56.5 N 144.55.5 W	CL/F	21	150	24	6-10	220	8-12	5.5	1015.2	6.9	6.7
15	56.59.2 N 145.13.5 W	CL/F	21	160	22	6-10	220	8-12	5.5	1015.0	6.7	6.5
16	57.01.8 N 145.32.2 W	F/L	71	145	19	4-8	190	8-12	5.5	1014.6	6.8	6.6
17	57.04.3 N 145.50.1 W	F/L	71	150	17	4-8	190	8-12	5.3	1014.6	6.5	6.2
18	57.06.4 N 146.07.7 W	F/L	<1	142	23	4-7	210	6-10	5.6	1014.3	6.7	6.3
19	57.09.5 N 146.31.3 W	F/L	72	160	24	4-7	200	6-10	5.5	1014.1	6.5	6.3
20	57.12.2 N 146.53.4 W	F/L	71	137	27	8-10	—	—	5.5	1013.0	6.2	6.1
21	57.14.6 N 147.14.6 W	F/L	72	138	26	8-15	200	10-15	5.5	1012.5	6.1	6.0
22	57.17.3 N 147.36.8 W	F/L	72	136	32	12-20	700	15-18	5.5	1012.8	6.2	6.1
23	57.19.4 N 147.57.3 W	F/L	2	145	27	12-20	200	15-20	5.5	1010.5	6.9	6.5
24	57.22.3 N 148.20.0 W	F/L	23	143	33	12-20	200	15-20	5.7	1009.5	6.7	6.5

REMARKS

## DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

DAY

DATE

TIME ZONE

MILLER FREEMAN

TUESDAY FEB 4

+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	57.24.5 N 148.43.3 W	F/L	2	135	33	10-15	200	15-20	6.0	1002.3	6.8	6.5
02	57.26.3 N 149.09.8 W	CL/F	2	146	32	12-18	200	15-20	6.1	1001.7	7.0	6.9
03	57.29.1 N 149.27.1 W	CL/F	2	135	32	12-18	—	—	7.0	1006.9	7.2	7.0
04	57.30.9 N 149.45.5 W	CL/F	2	145	29	12-18	/	/	7.0	1006.0	7.2	7.0
05	57.33.4 N 150.08.8 W	CL/F	2	135	30	5-15	210	15-25	7.3	1004.8	7.3	7.1
06	57.37.2 N 150.24.7 W	CL/F	2	124	31	10-15	210	15-25	6.2	1004.0	7.2	7.0
07	57.38.4 N 150.55.4 W	CL/F	2	137	30	10-15	210	15-25	6.8	1004.0	—	—
08	57.38.9 N 151.10.6 W	CL/F	6	133	27	12-20	210	15-25	6.3	1003.1	7.0	7.0
09	57.40.3 N 151.30.2 W	CL/F	4	138	25	10-20	180	15-25	5.8	1002.9	7.0	7.0
10	57.41.9 N 151.50.6 W	CL/F	4	136	28	10-15	180	15-25	5.5	1001.0	6.9	6.9
11	57.43.9 N 152.14.3 W	CL/F	3	134	22	10-12	180	15-20	5.0	1007.0	6.3	6.1
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REMARKS