

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

THURSDAY

DATE

17 FEB 2000

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	53°53.5'N 166°32.0'W	R, S	2	137	10	2-3	/	/	2.8	984.2	3.8	1.8
02	MOORED AS BEFORE	R, S	2	136	19	2-3	/	/	2.8	984.0	2.8	1.8
03	MOORED AS BEFORE	R, S	2	133	17	2-3	/	/	2.8	981.6	2.6	1.9
04	MOORED AS BEFORE	R	2	120	25	2-3	/	/	2.8	980.0	3.0	2.0
05	MOORED AS BEFORE	R, S	2	148	31	2-3	/	/	2.7	978.0	2.8	1.8
06	MOORED AS BEFORE	R, S	2	134	18	2-3	/	/	2.7	976.0	2.7	1.8
07	MOORED AS BEFORE	R, S	2	096	6	2-3	/	/	2.7	974.6	2.5	1.7
08												
09	MOORED AS BEFORE	R/S	2	170	18-20	2-3	/	/	NO SCS	971.6	3.6	2.9
10	" "	R/S	2	100	6	0-5	/	/	/	970.0	4.0	3.0
11	" "	CL	1	130	8-10	5	/	/	/	967.1	4.6	3.6
12												
13												
14	" "	CL, R	1	130	28	3-4	/	/	/	963.2	4.5	3.2
15	" "	CL, L	2	121	19	2-3	/	/	/	962.1	4.9	3.5
16	" "	CL	3	130	12	0-1	/	/	/	960.4	5.5	4.2
17	" "	CL	3	180	8	0-1	/	/	/	959.3	5.5	4.8
18	53°53.6'N 166°31.5'W	CL	3	160	18	0-1	/	/	/	959.1	6.3	4.8
19	53°58.9'N 166°25.9'W	Mostly CL	10	150	21	1-2	030	2-3	2.9	959.1	5.0	3.5
20	54°05.2'N 166°16.9'W	PC	10	127	24	2-4	070	2-5	2.9	958.1	7.3	5.0
21	54°13.6'N 166°05.8'W	PC	10	166	30	2-4	200	2-4	2.4	959.3	4.5	3.8
22	54°17.6'N 165°49.1'W	PC	10	170	32	4-6	/	/	2.8	960.9	3.6	3.2
23	54°23.3'N 165°30.8'W	CL PC	10	174	34	6-10	/	/	2.9	963.1	3.2	3.2
24	54°30.1'N 165°18.4'W	CL, R	10	165	26	6-10	/	/	2.8	964.2	3.0	3.0
REMARKS												

REMARKS

0000 In Port Dutch Harbor

1800 u/w from Dutch Harbor

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

FRIDAY

DATE

18 FEB 2000

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°36.9'N 166°04.4'W	CL	10	125	27	6-10	/	/	1.6	966.8	3.2	3.0
02	54°46.7'N 164°50.5'W	CL	10	157	19	5-8	/	/	1.7	967.9	4.3	3.1
03	54°57.2'N 164°39.4'W	PC	10	157	29	6-10	/	/	1.4	966.2	3.8	3.0
04	55°00.6'N 164°22.0'W	CL	10	150	28	6-10	/	/	1.8	966.8	3.9	3.7
05	55°11.7'N 164°04.5'W	CL	9	160	20	5-8	/	/	1.7	968.6	5.1	4.1
06	55°17.2'N 163°55.5'W	CL	10	120	20	5-8	/	/	1.5	968.3	4.6	4.1
07	55°22.2'N 163°44.2'W	CL	10	120	18	5-6	/	/	1.8	968.6	4.5	4.1
08	55°30.2'N 163°58.2'W	CL	10	150	21	5-6	/	/	1.6	969.0	4.0	3.8
09	55°56.4'N 163°54.1'W	CL	10	142	26	5-6	/	/	1.1	969.1	3.2	3.1
10	56°08.7'N 164°00.2'W	CL	10	147	21	5-6	070	3	0.7	969.9	3.3	3.2
11	56°18.9'N 164°01.2'W	CL	10	140	18	5-6	070	10	0.8	970.1	3.5	3.3
12	56°29.5'N 164°02.2'W	CL	10	120	21	5-6	090	6	-0.8	970.5	3.6	3.1
13	56°40.2'N 164°03.1'W	CL	10	115	17	5-6	090	6	-0.9	970.5	3.5	3.1
14	56°52.0'N 164°02.0'W	CL	10	115	18	5-6	090	6	-0.9	970.5	3.0	2.2
15	56°52.6'N 164°02.7'W	CL	10	110	18	5-6	100	6	-1.0	970.9	3.0	2.1
16	56°52.6'N 164°08.4'W	CL	10	120	15	6-8	100	10	-1.1	970.9	3.7	2.9
17	56°52.6'N 164°03.2'W	CL	10	131	18	6-8	100	8	-1.1	970.9	3.8	2.5
18	56°52.9'N 164°02.5'W	CL	2	115	10	5-6	100	8	-1.1	971.0	3.5	2.6
19	56°54.3'N 164°57.0'W	CL	2	120	10	5-6	100	5	-1.1	971.0	2.8	1.2
20	56°56.3'N 163°52.1'W	R/S	3	140	17	5-7	100	8	-1.1	971.3	0.7	0.2
21	56°58.8'N 163°58.8'W	CL	3	135	15	5	/	/	-1.8	971.1	0.2	0.0
22	56°40.1'N 163°52.0'W	CL	10	152	12	5	/	/	-0.8	972.0	0.3	0.4
23	56°41.5'N 164°00.0'W	CL	10	180	12	8	/	/	-0.9	972.0	0.8	0.4
24	56°49.4'N 164°17.3'W	CL	10	182	11	5	/	/	-0.7	972.8	0.3	0.1

REMARKS

* 1000: SWELL Directions 070 and 210.

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

SATURDAY

DATE

19FEB2000

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	56° 47.5' N 164° 19.8' W	CL	10	206	10	2	/	/	-0.8	973.2	2.0	1.8
02	56° 58.2' N 164° 14.9' W	CL	10	195	7	2	/	/	-1.1	973.8	2.8	1.8
03	57° 01.2' N 164° 13.5' W	CL	10	191	8	2	/	/	-1.2	974.0	2.5	1.8
04	56° 54.0' N 164° 30.6' W	CL	12	190	8	2	/	/	-1.0	974.0	2.0	1.8
05	56° 49.6' N 164° 29.3' W	CL	10	191	7	2	/	/	0.8	975.9	2.1	1.8
06	56° 37.9' N 164° 35.7' W	CL	8-10	228	10	2	210	4	-0.3	974.9	1.0	0.8
07	56° 33.7' N 164° 49.5' W	CL	8-10	190	10	2	210	4	0.4	975.1	1.0	0.9
08	56° 29.8' N 165° 02.6' W	CL	8-10	211	10	2	210	5-6	0.4	975.1	0.8	0.6
09	56° 24.2' N 165° 21.0' W	CL/S	8-10	201	08	4	230	5-6	0.8	975.5	1.0	0.8
10	56° 21.4' N 165° 29.3' W	CL/S	8-10	256	12	4	240	5-6	1.3	976.1	1.9	1.6
11	56° 16.4' N 165° 46.4' W	CL/R/S	5-10	245	16	2-4	240	5-6	1.5	976.6	1.3	1.1
12	56° 12.9' N 165° 56.9' W	CL, R	8-10	260	16	2-4	250	6-8	1.7	977.8	2.8	2.2
13	56° 10.2' N 166° 03.8' W	CL, L	8	250	18	2-4	240	5-7	1.8	978.5	2.5	2.0
14	56° 03.6' N 166° 18.8' W	CL	10	241	25	3-5	235	6-8	1.9	978.9	3.7	3.1
15	56° 02.9' N 166° 20.1' W	CL	10	240	23	4-6	240	6-8	2.0	979.0	3.6	3.1
16	56° 05.0' N 166° 19.5' W	CL	10	240	22	4-6	245	5-7	1.8	979.1	3.4	3.0
17	56° 05.7' N 166° 28.6' W	CL	10	250	20	4-7	250	6-8	2.1	980.0	2.2	1.3
18	55° 12.6' N 166° 21.6' W	CL	8	235	20	3-5	250	6-8	2.0	980.2	2.9	2.0
19	56° 12.1' N 166° 29.4' W	CL	10	230	20	3-6	250	6-8	2.0	980.4	3.8	2.4
20	56° 04.0' N 166° 18.3' W	CL	10	233	21	6-10	230	6-10	1.9	980.8	3.9	1.8
21	55° 56.4' N 166° 10.9' W	CL	P	227	20	6-10	240	6-10	1.8	981.1	3.0	1.9
22	55° 55.0' N 166° 09.8' W	PC	10	235	18	3-6	240	10-12	1.9	982.0	2.5	1.5
23	55° 53.0' N 166° 22.0' W	CL	10	225	20	3-6	240	10	2.0	982.0	2.0	1.1
24	55° 58.4' N 166° 38.9' W	CL	10	230	20	3-6	240	10	1.8	982.0	2.0	1.5

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

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

NOAA SHIP

MILLER FREEMAN

DAY

SUNDAY

DATE

20 FEB 2000

TIME ZONE

+9

CO FEB 2000													+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	55° 55.5' N 166° 46.1' W	CL	10	220	22	3-6	240	10	1.7	982.0	1.8	0.9		
02	55° 54.0' N 166° 54.9' W	CL	10	232	21	3-6	240	10	1.9	982.0	2.0	0.9		
03	55° 47.9' N 167° 05.9' W	PC	10	218	12	2-4	240	10-12	1.7	981.9	1.8	0.8		
04	55° 44.9' N 167° 13.5' W	CL	10	215	16	2-4	240	10-12	2.1	982.3	1.8	0.9		
05	55° 40.5' N 167° 25.6' W	CL	10	220	18	3-8	245	16-18	1.7	981.9	2.1	1.2		
06	55° 38.0' N 167° 31.2' W	CL	10	218	20	3-9	240	16-18	2.2	981.9	1.9	1.2		
07	55° 33.0' N 167° 44.2' W	CL	10	220	18	6-7	240	16-18	2.3	981.9	2.1	1.4		
08	55° 30.3' N 167° 52.6' W	CL	10	253	22	6-7	240	16-18	2.9	980.1	2.0	1.1		
09	55° 26.0' N 168° 03.6' W	CL	10	203	28	4	240	16-20	2.9	979.9	2.0	1.0		
10	55° 25.1' N 168° 04.1' W	PC	10	205	18	5	240	16-20	3.1	980.1	2.2	1.3		
11	55° 22.4' N 168° 10.7' W	PC/S	5-10	206	18	5	240	16-20	3.0	979.6	1.5	1.0		
12	55° 22.1' N 168° 12.8' W	PC	6	220	21	5	240	16-20	3.1	979.5	2.1	1.8		
13	55° 21.1' N 168° 14.3' W	PC	10	218	19	5	240	14-16	3.2	979.5	4.0	3.0		
14	55° 21.2' N 168° 14.6' W	PC/S	10	200	15	5	240	14-16	2.9	979.5	3.9	2.8		
15	55° 22.06' N 168° 14.69' W	PC	10	205	16	5	240	14-16	2.9	979.1	3.2	2.8		
16	55° 22.9' N 168° 13.1' W	PC	10	205	14	5	240	14-16	2.9	979.2	4.1	3.0		
17	55° 25.0' N 168° 09.8' W	PC	10	205	14	5	240	14-16	2.8	979.1	4.1	3.0		
18	55° 23.3' N 168° 12.3' W	PC	10	175	5	5	240	16-18	3.1	979.5	3.2	1.8		
19	55° 22.4' N 168° 15.4' W	PC	10	116KT	MPS	5	240	15-18	3.0	980.0	4.5	2.2		
20	55° 16.9' N 168° 20.9' W	PC	10	020	10	4	240	15	3.1	980.5	4.0	2.0		
21	55° 07.5' N 168° 28.2' W	CL/S	10	000	08	2	240	10	2.8	981.9	4.7	3.9		
22	55° 07.0' N 168° 29.7' W	S	8	345	15	2-3	240	15	2.8	982.7	4.8	3.0		
23	55° 06.8' N 168° 29.8' W	CL	10	350	18	2-3	240	6-7	2.86	983.9	5.0	3.1		
24	55° 00.8' N 168° 39.9' W	CL	10	340	27	5	240	8	2.7	985.8	4.0	2.9		

REMARKS

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY
MONDAY

DATE
21 Feb 2000

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 58.2 N 168 45.7 W	CL	10	330	26	4-6	240	8	2.7	987.2	3.0	2.0
02	54 58.18 N 168 46.4 W	CL	8	325	28	4-6	240	8-10	2.7	988.1	2.5	2.0
03	54 50.7 N 168 56.1 W	CL	8	330	28	4-6	240	10	2.8	990.1	3.1	2.0
04	54 34.3 N 169 06.6 W	CL	10	330	26	4-6	240	10-12	2.8	990.3	3.1	2.0
05	54 39.7 N 169 12.6 W	CL	10	320	25	4-8	340	15-18	2.7	993.0	2.5	1.4
06	54 39.8 N 168 13.8 W	CL	10	330	20	6-8	345	15-18	2.7	994.9	2.5	1.4
07	54 23.8 N 169 23.8 W	CL	10	330	25	6-8	345	15-18	2.7	995.1	2.5	1.5
08	54 26.2 N 169 38.4 W	CL	10	340	22	6	240	10	3.2	996.4	2.8	1.6
09	54 19.9 N 169 49.9 W	CL	10	302	20	6	250	10	2.6	997.7	2.4	1.1
10	54 19.34 N 169 50.48 W	CL/S	10	335	22	6-8	310	12	2.7	998.9	2.0	0.5
11	54 17.0 N 169 48.5 W	PC	10	325	20	3	300/240	7	2.7	1000.1	2.0	0.7
12	54 03.3 N 169 34.9 W	PC	10	330	10	3	340	4	2.6	1002.0	4.4	2.0
13	54 02.2 N 169 34.4 W	PC	10	320	15	3	315	5-7	2.6	1002.0	3.9	1.0
14	54 02.3 N 169 35.8 W	PC	10	315	16	3	320	5-7	2.6	1002.5	3.1	1.1
15	53 54.4 N 169 24.4 W	PC	10	305	16	3	315	5-7	2.7	1003.0	3.5	1.2
16												
17	53 47.6 N 167 16.8 W	PC	10	339	13	5	310	10	2.5	1003.4	2.5	0.0
18	53 43.5 N 169 14.6 W	PC	10	340	12	5	315	10	2.7	1006.2	3.5	1.0
19	53 36.4 N 169 03.7 W	PC	10	346	10	5	320	10	3.4	1004.0	3.0	0.5
20	53 36.7 N 169 02.9 W	S	5	300	8	3-4	260	8	3.4	1004.1	2.8	0.7
21	53 30.8 N 168 54.8 W	S	5-10	280	7	3	260	8	2.8	1005.0	2.6	1.1
22	53 31.06 N 168 54.97 W	CI	5-10	LIGHT AIRS	3				3.5	1005.2	1.2	0.0
23	53 29.4 N 168 58.8 W	CL	5-10	025	8	3			3.4	1005.3	0.0	-0.7
24	53 26.5 N 168 44.9 W	CL	5-10	030	8	3			3.5	1005.1	1.0	0.0

REMARKS

1600: NOT DONE - LIGHT SHELLER

1700: TEMP TAKEN FROM SHAD SIDE (OPPOSITE OF SUN)

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

TUESDAY

DATE

22 Feb 2000

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	53°24.8'N 168°43.8'W	PC	10	280	7	3						
02	53°20.9'N 168°43.3'W	PC	10	132	4	2			3.4	1006.0	1.6	0.0
03	53°12.7'N 168°56.2'W	CL, S	6	316	7	2			3.4	1005.8	1.2	0.0
04	53°13.9'N 168°08.7'W	CL	10	310	12	2			3.7	1003.8	1.5	0.2
05	52°56.1'N 169°20.8'W	CL	10	280	7	2	260	7-8	3.6	1006.2	1.8	0.2
06	52°49.7'N 169°24.1'W	CL	10	300	8	2	260	7-8	3.8	1005.8	2.0	0.9
07	52°41.6'N 169°28.2'W	CL	10	260	10	2	245	7-8	3.7	1005.1	1.2	0.2
08	52°34.8'N 169°32.4'W	CL	10	115	20	4			4.0	997.7	1.6	-0.8
09	52°32.8'N 169°34.2'W	CL	10	132	20	4	240	5	3.5	996.4	1.0	-0.8
10	52°30.9'N 170°11.0'W	CL	10	120	24	4	240	5	3.6	994.4	1.1	0.0
11	52°28.4'N 170°32.5'W	CL	10	122	30	4	240	4-6	3.9	990.1	1.6	-0.3
12	52°28.5'N 170°33.7'W	CL, S	2	105	35	6	240	4-6	3.5	988.9	2.0	0.8
13	52°24.8'N 170°22.6'W	S, SW	<1	125	35	8	125	8-10	3.4	985.2	0.5	0.2
14	52°19.7'N 170°31.9'W	S, SW	<1	100	44	14-16	115	8-10	3.5	983.5	0.8	1.0
15	52°15.2'N 170°28.2'W	S, SW	<1	110	46	15-16	105	8-10		985.3	0.9	1.0
16	52°11.7'N 170°36.3'W	SW/CL	1-2	101	35	16-20	115	15-20	3.2	975.8	1.0	1.0
17												
18	52°10.8'N 170°31.7'W	S	1-2	104	34	20-25	140	20-25	3.1	974.3	1.5	1.2
19	52°09.3'N 170°30.7'W	S	1-2	104	35	20-25	145	20-25	3.0	977.1	1.9	1.2
20	52°06.4'N 170°22.5'W	CL/S	2	215	12	20-25	140	20-25	3.1	972.2	4.6	3.2
21	52°07.1'N 170°27.7'W	CL/S	2-5	205	16	3-5	150	20-25	3.1	972.4	3.2	2.0
22	52°07.7'N 170°27.5'W	CL/S	2-5	200	18	3-5	150	16-20	3.1	972.2	3.2	3.0
23	52°05.4'N 170°26.4'W	CL/S	2-5	190	20	3-5	150	16-20	3.0	972.2	4.0	3.4
24	51°58.8'N 170°23.6'W	CL	2-5	200	25	3-5	150	16-20	3.1	971.9	4.1	3.1

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

WEDNESDAY

DATE

23 Feb 2000

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	51°55.0'N 170°22.4'W	CL	5	200	26	5-7	180	18-20	3.3	972.0	4.9	3.1
02	51°53.5'N 170°22.3'W	CL, S	5+	200	25	8-10	180	18-20	3.4	971.1	5.0	3.9
03	51°52.3'N 170°22.0'W	CL	5+	200	30	8-10	185	18-20	3.5	971.1	5.0	3.8
04	51°47.9'N 170°23.3'W	CL	6	205	28	10-12	180	25-30	3.6	971.1	5.0	3.6
05	51°43.6'N 170°20.5'W	CL	6	205	26	10-10	150	20-25	3.7	966.1	4.5	3.1
06	51°45.8'N 170°19.8'W	CL	6	185	27	20-30	—	—	3.7	969.0	3.5	2.8
07	51°44.9'N 170°21.7'W	CL	6	202	25	20-25	—	—	3.7	968.8	3.5	1.8
08	51°42.6'N 170°21.7'W	CL	6	210	22	20-25	—	—	3.7	968.0	3.5	2.8
09	51°40.6'N 170°15.8'W	CL	6	174	24	20-25	—	—	3.6	967.8	3.6	2.8
10	51°31.8'N 170°11.9'W	CL, S	5	210	16	3-5	240	16-20	3.1	967.7	2.0	1.7
11	51°31.5'N 170°13.1'W	CL, L	5-10	180	18	3-5	240	16-20	3.1	967.0	2.6	2.0
12	51°31.8'N 170°13.3'W	CL/L	5-10	170	20	5	230	16-20	3.1	966.6	3.2	2.7
13	51°22.6'N 170°09.9'N	CL	6-10	193	16	5	240	16-20	2.8	965.9	4.0	3.0
14	51°15.3'N 170°05.4'W	CL, R	5	196	16	5	240	8-10	2.9	964.5	3.9	3.0
15	51°13.5'N 170°06.0'W	CL, L	5-10	185	20	6	215	16-20	3.0	964.0	2.8	2.1
16	51°17.9'N 170°06.5'W	CL	5-8	180	18	6	220	16-20	2.9	964.1	4.1	3.8
17				DINNER								
18	51°26.5'N 170°02.5'W	CL/L	5	186	11	6	230	16-20	3.1	961.1	4.5	3.5
19	51°39.9'N 170°00.2'W	CL/L	5	186	11	6	240	16-18	3.3	960.4	4.1	3.4
20	51°43.6'N 169°54.3'W	CL/L	5	350	6	3-6	220	16-18	3.7	961.8	5.7	3.0
21	51°52.7'N 169°50.3'W	CL/L	8-10	340	12	3-6	220	16-18	3.3	962.2	2.2	2.0
22	52°03.8'N 169°42.2'W	CL/L	8-10	350	18	?	220	16-18	3.7	964.1	2.8	2.8
23	52°12.6'N 169°42.0'W	CL/L	8-10	347	24	3-6	220	14	3.5	964.8	2.6	2.1
24	52°21.9'N 169°37.0'W	CL/L	8	358	13	3-5	220	14	3.3	965.5	2.8	2.2

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	THURSDAY	24 FEB 2000	+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	52°30.9'N 167°32.9'W	CL, L	8	010	13	3-5	220	10	3.1	965.8	3.1	2.5
02	52°39.0'N 169°28.8'W	CL	8	350	23	9-13	220	12	3.7	966.8	3.0	2.6
03	52°48.0'N 169°25.2'W	CL	10	350	20	9-13	220	12	3.3	967.2	3.0	3.0
04	52°57.9'N 169°19.2'W	CL	10	345	21	9-13	222	12	3.5	965.4	3.0	3.0
05	53°03.1'N 169°06.3'W	CL	10	345	20	9-13	185	12	3.6	965.8	3.0	3.0
06	53°01.4'N 168°58.6'W	CL	10	340	18	9-12	155	12	3.6	970.0	3.0	2.9
07	53°22.0'N 168°41.7'W	CL	10	340	18	8-10	170	10-12	3.6	970.0	2.8	2.7
08	53°32.0'N 168°33.3'W	CL	10	300	12	8-4	—	—	3.9	970.0	2.1	2.0
09	53°38.7'N 168°11.1'W	CL	10	300	16	1-3	030	3-4	3.5	970.0	2.8	2.8
10	53°45.8'N 167°58.0'W	CL	10	300	19	1-3	030	4-5	3.5	970.8	3.0	2.1
11	53°52.0'N 167°38.6'W	PC-CL	10	309	10	1-3	020 020	4-5	3.1	971.1	2.2	1.7
12	54°05.1'N 167°22.9'W	CL	10	300	9	1-3	020	3-4	3.2	971.8	3.0	2.0
13	54°12.8'N 167°10.5'W	PC-CL	10	282	11	1-3	020	3-4	3.2	972.2	2.8	2.1
14	54°20.6'N 166°56.9'W	CL	10	300	9	2-3	015	3-4	3.3	972.1	2.7	2.0
15	54°28.4'N 166°42.7'W	PC	10	281	11	2-3	015	3-4	3.3	972.8	3.0	2.1
16	54°25.1'N 166°33.5'W	PC	10	250	11	2-3	0.20	3-4	3.2	972.9	6.9 4.1	4.1
17	54°18.0'N 166°19.4'W	PC	10	255	11	2-3	0.95	3-4	3.2	975.0	4.2	3.0
18	54°09.3'N 166°03.3'W	PC	10	300	11	2-3	0.50	3-4	3.1	975.1	5.1	3.1
19	54°02.1'N 165°37.0'W	PC	10	290	10	2-4	0.10	3-4	2.9	975.2	3.8	2.9
20	54°25.2'N 165°14.9'W	PC	10	290	13	2-4	—	—	3.4	977.5	3.8	2.4
21	54°47.4'N 165°00.5'W	CL	10	290	14	2-4	—	—	1.8	977.9	3.8	2.3
22	54°24.4'N 165°02.0'W	CL/R/S	8	300	30	6-8	—	—	1.7	979.8	2.0	1.2
23	54°24.9'N 165°02.8'W	CL/R/S	5	290	36	6-8	—	—	1.9	980.5	1.2	0.8
24	54°22.5'N 165°16.2'W	CL/R	6	300	36	8-10	—	—	2.8	982.1	0.5	-0.5

REMARKS

DECK LOG – WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	FRIDAY	25 Feb 2000	19

[illegible]

REMARKS