

MF-03-02

NOAA FORM 77-13d  
(3-76)

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

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

DAY

DATE

TIME ZONE

MILLER FREEMAN

THURSDAY

13 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												
02												
03												
04												
05												
06												
07												
08												
09												
10												
11												
12												
13												
14	57° 43.6' N 152° 31.8' W	P.C.	8	CALM	/	/	/	/	/	1008.2	8.0	7.2
15												
16												
17	57° 34.2' N 152° 22.8' W	P.C.	8	CALM	1-2	050	2	5.2	1008.0	5.2	4.5	
18	57° 44.9' N 152° 10.7' W	CL	10	140	11	1-2	160	2-3	5.4	1007.9	6.8	5.8
19	57° 47.5' N 152° 07.7' W	R	8	140	15	2-3	160	3	5.4	1007.5	5.6	5.0
20	57° 40.9' N 151° 30.0' W	CL	8	176	10	0-1	165	2-6	5.3	1008.6	5.8	4.9
21	57° 36.5' N 151° 46.0' W	CL	8	146	06	0-1	-	2-4	5.4	1008.8	6.2	5.1
22	57° 31.3' N 151° 38.6' W	CL	8	165	04	1-2	170	2-5	5.4	1009.6	5.0	4.7
23	57° 26.6' N 151° 26.0' W	CL	8	160	06	1-2	160	3-7	5.8	1009.1	6.9	6.2
24	57° 21.6' N 151° 24.4' W	CL	8	130	08	1-2	170	4-6	6.4	1008.9	7.0	6.0

REMARKS

## DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	FRIDAY	14 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	57°17.70'N 151°16.46'W	C	10	129	5	1-2	150	3-4	6.5	1009.0	7.2	6.0
02	57°09.5'N 154°04.4'W	CL	10	130	6	1-2	150	3-4	6.7	1009.1	6.0	5.0
03	57°09.3'N 151°00.7'W	CL	10	130	7	1-3	200	3-4	6.9	1009.1	6.0	6.0
04	57°14.5'N 150°50.4'W	CL	10	130	8	2	200	3-5	6.3	1009.2	7.9	6.9
05	57°09.6'N 151°02.6'W	CL	10	120	08	1-3	45	4-5	6.7	1009.0	6.0	5.0
06	57°08.2'N 151°02.7'W	L	6-8	100	06	2-3	200	4-5	6.7	1008.5	7.1	6.5
07	57°11.4'N 150°52.0'W	L	6	100	05	1-2	200	4-5	6.7	1008.8	7.0	6.2
08	57°02.02'N 150°56.7'W	CL	10	095	10	2	170	4-5	6.9	1008.3	5.6	4.5
09	56°56.4'W 150°42.2'W	CL	10	100	10	2	160	4-5	6.9	1008.5	6.0	5.0
10	56°48.8'N 151°05.9'W	CL	10	110	10	2	160	4-5	6.6	1008.3	6.6	5.6
11	56°52.9'N 151°13.2'W	CL	10	110	08	2	160	4-5	6.6	1008.3	7.9	7.0
12	56°57.9'N 151°20.7'W	L	10	100	06	1-2	135	3-5	6.5	1008.9	8.1	7.0
13	56°07.5'N 151°34.3'W	CL	10	333	02	1	140	2-4	6.6	1008.5	7.0	6.0
14	57°11.8'N 151°04.1'W	CL	10	062	02	0-1	140	2-3	6.3	1008.6	10.2	8.5
15	57°04.2'N 151°53.8'W	CL	10	333	07	1	33	2-3	5.8	1008.2	8.4	7.8
16	57°26.4'N 152°06.5'W	CL	10	350	05	<1	130	3	5.6	1008.1	8.0	6.8
17	57°20.4'N 152°16.1'W	CL	10	047	06	<1	205	3	5.8	1008.0	6.0	5.2
18	57°16.7'N 152°19.4'W	CL	10	320	04	<1	150	3	5.9	1008.1	6.9	5.8
19	57°10.6'N 152°09.4'W	PC	10	VAR	03	<1	150	3	5.8	1008.5	5.9	5.2
20	57°05.3'N 151°58.4'W	CL	10	357	05	1	—	3	6.3	1008.3	5.8	4.9
21	56°59.6'N 151°53.3'W	CL	6-8	VAR	0-2	0-1	—	2-3	6.4	1008.0	6.0	5.2
22	56°51.1'N 151°43.6'W	CL	8	320	04	<1	—	—	6.6	1007.8	6.2	5.3
23	56°48.8'N 151°39.6'W	CL	8	000	04	<1	150	2-3	6.7	1007.7	5.8	5.0
24	56°43.7'N 151°30.6'W	PC	8	004	04	<1	160	2	6.7	1007.3	5.1	4.4

REMARKS

## DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

SATURDAY

DATE

15-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	56° 40.0' N 151° 26.8' W	CL	8	150	06	1	170	2-4	6.7	1007.0	5.7	5.0
02	56° 40.4' N 151° 26.1' W	PC	8	230	07	<1	180	3	6.6	1007.0	4.8	4.2
03	56° 33.4' N 151° 41.9' W	PC	10	036	08	1	180	3	6.6	1007.0	5.9	5.2
04	56° 38.3' N 151° 46.0' W	L	6	020	08	1	180	3	6.7	1006.2	6.0	5.2
05	56° 30.9' N 151° 45.4' W	L	8	300	10	1-2	180	3	6.6	1006.0	5.9	5.0
06	56° 40.7' N 151° 58.5' W	PC	8	355	09	1-2	180	3	6.6	1006.0	7.2	5.5
07	56° 50.0' N 152° 13.0' W	CL	10	340	05	1-2	050	3	6.6	1006.0	6.0	5.2
08	56° 51.9' N 152° 14.9' W	P.C	10	300	03	1	060	3	6.4	1005.5	6.0	5.0
09	56° 58.8' N 152° 24.9' W	CL	12	320	04	>1	090	3	4.9	1005.1	5.5	4.8
10	57° 02.7' N 152° 30.8' W	PC	10	320	02	/	125	3	5.7	1005.0	8.5	7.5
11	57° 12.3' N 152° 44.9' W	PC	10	300	05	/	200	3	5.5	1005.0	5.9	4.9
12	57° 02.1' N 152° 52.9' W	PC	10	145	03	/	205	3	5.1	1005.1	5.2	4.5
13	56° 59.1' N 152° 56.5' W	PO	10	315	02	/	170	3	5.9	1004.5	9.1	7.6
14	56° 53.1' N 152° 46.4' W	PC	10	VAR	02	/	105	2-3	6.3	1003.9	8.3	7.1
15	56° 44.9' N 152° 35.6' W	PC	10	350	3	1	110	2-4	5.7	1003.5	7.2	5.9
16	56° 37.0' N 152° 23.7' W	PC	10	358	12	1-2	115	3-5	6.7	1002.8	5.2	5.7
17	56° 30.1' N 152° 13.2' W	CL	10	350	10	1-2	115	3-6	6.7	1002.3	5.2	3.6
18	56° 23.3' N 152° 03.9' W	PC	10	005	8	1-2	090	5	6.6	1002.2	6.1	4.9
19	56° 23.5' N 152° 05.5' W	PC	10	030	6	2	090	5	6.5	1002.2	6.1	5.5
20	56° 20.10' N 152° 13.7' W	CL	8	056	03	2	065	3-4	6.9	1002.5	7.7	5.8
21	56° 15.6' N 152° 23.1' W	PC	8	040	08	1-2	060	2-3	6.8	1002.2	6.8	5.2
22	56° 15.5' N 152° 22.7' W	PC	8	020	05	1-2	070	2-4	6.7	1002.1	6.5	4.3
23	56° 20.7' N 152° 30.2' W	PC	8	350	04	1-2	070	2-5	6.8	1001.7	8.2	4.7
24	56° 25.8' N 152° 37.7' W	PC	8	VAR	001	<1	030	2	6.5	1002.0	5.8	4.4

REMARKS

## DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

SUNDAY

DATE

16  
17 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	56°33.1' N 153°48.8' W	PC	12	248	6	1	2100	3	6.3	1001.2	4.7	3.8
02	56°37.6' N 153°57.3' W	PC	10	258	11	1	100	3	6.1	1001.0	4.7	3.8
03	56°43.9' N 153°10.0' W	PC	10	233	08	1	100	3	6.2	1000.8	3.7	3.0
04	56°50.3' N 153°17.8' W	CL	10	225	12	/	/	3	5.7	1000.4	3.5	3.0
05	56°55.7' N 153°23.7' W	PC	10	230	03	/	/	3	5.5	1000.1	4.0	3.5
06	56°47.7' N 153°49.4' W	PC	12	290	08	1-2	110	3	5.8	1000.2	4.2	3.3
07	56°42.03' N 153°32.41' W	PC	12	273	10	1-2	100	4	5.7	1000.2	4.8	3.8
08	56°37.8' N 153°25.0' W	PC	12	250	10	2	310	3-4	5.6	1000.0	4.0	3.0
09	56°29.5' N 153°15.7' W	PC	12	307	11	2	300	3-4	5.5	1000.5	5.1	4.2
10	56°26.7' N 153°10.4' W	PC	12	240	8	1-2	300	2-4	6.4	1000.5	5.2	3.3
11	56°19.4' N 152°55.8' W	PC	11	280	11	2-3	120	3-4	6.2	1000.8	10.0	8.0
12	56°00.5' N 152°57.4' W	PC	11	290	08	1-2	/	/	6.4	1000.5	4.7	3.5
13	56°09.6' N 153°14.3' W	PC	11	304	08	1-2	095	3	6.8	1001.0	8.3	7.0
14	56°04.3' N 153°14.8' W	PC	11	276	08	1-2	090	3	6.8	1001.0	8.1	6.5
15	56°10.9' N 153°17.8' W	PC	11	279	06	1-2	090	3	6.9	1000.9	4.4	3.9
16	OPERATIONS											
17	56°15.5' N 153°24.9' W	CL	10	243	07	1-2	100	3-4	6.4	1001.0	4.1	2.8
18	56°20.3' N 153°22.6' W	CL	10	230	07	1-2	110	3	6.4	1001.0	4.1	2.9
19	56°28.6' N 153°45.1' W	CL	10	300	05	1-2	110	3	5.5	1001.2	4.1	3.2
20	56°33.0' N 153°47.7' W	CL	9	222	09	0-1	-	-	5.5	1001.3	3.8	2.9
21	56°38.2' N 153°52.6' W	PC	10	270	04	0-1	-	-	5.3	1001.3	4.2	3.1
22	56°42.2' N 153°50.2' W	PC	10	131	01	0-1	-	-	5.4	1001.2	4.7	3.4
23	56°20.7' N 154°02.9' W	PC	10	VAR	-	-	-	-	5.4	1001.5	4.0	2.9
24	56°19.8' N 154°02.0' W	PC	10	073	03	0-1	170	1	5.5	1001.4	4.9	3.6

REMARKS

## DECK LOG – WEATHER OBSERVATION SHEET

[illegible]

## DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

TUESDAY

DATE

18 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	55°09.16'N 156°54.35'W	PC	10 <sup>+</sup>	240	19	2-3	220	4-5	5.8	1000.5	5.9	4.9
02	55°06.8'N 157°03.6'W	PC	10	257	22	2-4	210	4-5	5.8	1001.4	5.6	4.7
03	55°03.2'N 157°06.16'W	PC	10	269	22	2-4	210	4-5	5.8	1002.0	6.1	5.1
04	55°01.2'N 157°04.3'W	PC	10	235	18	2-4	210	4-5	5.8	1002.3	6.0	5.0
05	55°03.0'N 157°02.2'W	P.C.	10	260	20	3-5	210	4-5	5.8	1002.2	5.2	4.0
06	55°02.3'N 157°25.5'W	P.C.	10	250	21	3-5	230	4-6	5.8	1002.2	5.6	4.2
07	55°01.74'N 157°09.15'W	PC	10 <sup>+</sup>	223	16	4-6	230	6-8	5.7	1003.2	4.8	3.9
08	55°01.2'N 157°04.3'W	PC	10	250	21	4-6	230	6-8	5.6	1003.6	4.8	4.0
09	55°02.5'N 157°02.8'W	PC	10	230	20	5-7	210	6-8	5.8	1004.0	4.0	3.2
10	55°02.5'N 157°03.6'W	P.C.	10	250	18	5-7	220	6-8	5.8	1004.0	5.0	4.0
11	55°01.8'N 157°01.8'W	P.C.	10	240	17	4-6	220	6-8	5.8	1005.0	5.8	4.8
12	55°02.0'N 157°00.0'W	P.C./R	10	220	20	5-7	240	6-8	5.8	1004.8	4.8	3.5
13	55°06.1'N 157°13.6'W	PC	11	200	16	4-6	250	4-7	5.8	1005.6	6.9	4.7
14	54°54.7'N 157°26.9'W	PC	11	191	12	2-4	260	4-7	5.8	1005.3	5.8	3.9
15	54°50.6'N 157°42.0'W	PC	11	173	14	2-4	260	4-7	6.1	1004.7	5.6	3.5
16	54°44.5'N 158°09.1'W	CL	11	163	16	2-4	260	4-7	6.0	1003.4	4.6	2.9
17	54°38.6'N 158°19.9'W	CL	11	155	22		260	6-8	5.5	1002.5	4.5	3.5
18	54°33.8'N 158°35.2'W	CL	10	130	24	3-5	235	5-7	6.0	1001.6	4.6	3.7
19	54°28.1'N 158°52.3'W	CL	6-8	140	24	3-5	250	6-8	6.0	1001.0	4.0	3.7
20	54°28.3'N 158°54.8'W	CL	8	120	27	6-8	240	6-8	5.9	999.9	4.0	3.9
21	54°28.5'N 158°54.2'W	CL/R	8	120	25	6-8	240	5-7	5.9	999.0	4.5	4.2
22	54°30.02'N 158°51.1'W	R	8	140	30	6-8	240	5-7	5.9	998.0	5.5	5.1
23	54°30.19'N 158°51.65'W	R	6-8	135	30	8-10	—	—	5.9	997.3	4.9	4.7
24	54°30.8'N 158°47.3'W	R	6	145	27	7-9	—	—	6.0	997.0	4.5	3.7

REMARKS

## DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN R223	WEDNESDAY	19 FEB 2003	+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°28.5' N 158°43.7' W	CL	6/8	142	27	8-10	/	/	5.6	996.5	5.1	4.9
02	54°29.7' N 158°46.8' W	CL	6/8	151	26	9-10	/	/	5.9	995.3	4.8	4.5
03	54°30.9' N 158°49.7' W	CL	6/8	140	20	8-10	/	/	5.8	996.0	4.5	4.2
04	54°28.5' N 158°44.7' W	CL	8	160	16	8-10	/	/	5.5	996.3	5.2	5.0
05	54°30.2' N 158°57.0' W	CL	8	240	16	10-10	220	6-12	6.0	996.1	5.5	5.2
06	54°28.9' N 159°03.1' W	C	11	240	13	4-8	235	6-12	5.9	996.5	5.5	5.1
07	54°24.1' N 159°01.3' W	C	11	255	15	4-8	220	6-12	5.9	996.8	6.0	5.7
08	54°27.1' N 159°03.6' W	CL	12	270	14	3-10	220	6-10	5.9	998.1	5.6	5.1
09	54°28.3' N 159°55.1' W	CL	11	241	09	3-6	210	6-10	6.0	999.2	6.0	4.3
10	54°27.5' N 159°01.1' W	CL	11	242	09	3-6	220	6-10	6.0	999.5	7.0	5.4
11	54°27.6' N 158°50.6' W	PC	10				220	6-10	6.1	1000.2	8.5	7.5
12	54°26.2' N 158°58.5' W	PC	10	214	15	2-5	220	6-10	6.0	1001.4	7.4	6.2
13	54°26.4' N 159°01.0' W	CL	10	220	13	3-5	200	6-10	6.1	1001.9	6.2	5.1
14	54°30.8' N 158°48.9' W	CL	10	224	10	3-5	200	6-8	6.0	1002.0	6.8	5.3
15	54°31.3' N 158°49.9' W	CL	8	285	09	3-5	200	6-8	6.0	1001.8	5.9	4.8
16	54°32.1' N 158°49.0' W	PC	10	230	08	2-4	220	6-8	6.0	1002.0	10.2	7.5
17	54°31.7' N 158°52.8' W	PC	10	198	06	2-3	220	6-8	6.0	1001.9	7.0	5.8
18	54°34.2' N 158°43.8' W	PC	10	120	5	1-2	210	8	6.1	1001.6	6.2	5.1
19	54°37.5' N 158°30.8' W	PC	10	130	6	2-3	210	8	5.9	1001.0	5.7	4.6
20	54°42.4' N 158°13.2' W	PC	10	131	8	2-3	210	8	6.0	1001.0	5.3	4.3
21	54°47.7' N 157°53.2' W	PC	10	130	7	2-3	205	8	6.0	1001.2	5.6	4.8
22	54°53.4' N 157°36.4' W	PC	10	055	09	2-3	205	8	5.9	1001.2	5.6	4.8
23	54°56.6' N 157°20.9' W	CL	10	117	06	2	205	8	5.9	1001.1	5.9	5.2
24	57°00.8' N 157°07.3' W	PC	10	120	07	2	210	4	5.8	1001.7	6.1	5.2

REMARKS

## DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN <sup>R</sup>223

DAY

Thursday

DATE

20 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	55° 04.7' N 157° 01.5' W	PC	10	130	12	2	215	5	5.7	1001.1	6.0	5.2
02	55° 05.2' N 157° 55.7' W	PC	10	120	12	2	195	3-5	5.7	1000.5	5.6	4.0
03	55° 06.6' N 157° 03.9' W	PC	10	150	14	2	185	3-4	5.7	1000.4	6.2	5.2
04	55° 07.6' N 157° 00.8' W	PC	12	125	17	2-3	185	4	5.8	999.3	5.8	4.3
05	55° 07.9' N 156° 59.7' W	PC	12	150	13	2-3	185	4-6	5.7	999.2	5.6	3.7
06	55° 07.1' N 157° 01.6' W	PC	11	132	16	3	180	6	5.6	998.5	5.5	3.9
07	55° 02.4' N 157° 04.0' W	PC	11	135	15	3	180	6	5.7	998.8	5.3	3.9
08	55° 04.2' N 156° 59.7' W	CL	10	135	14	3	060/180	4-6	5.7	998.3	6.8	5.6
09	55° 02.8' N 157° 01.4' W	CL/R	10	140	17	3-4	060/180	3-5	5.8	998.2	4.9	4.5
10	55° 06.8' N 156° 47.8' W	CL	08	165	17	2-3	180	5-6	5.7	998.9	6.0	5.9
11	55° 12.7' N 156° 32.0' W	PC	08	180	10	2-3	180	4-5	5.7	999.5	7.0	6.1
12	55° 18.5' N 156° 20.1' W	PC	10	165	10	1-3	150	4-5	6.6	999.6	6.9	5.2
13	55° 23.6' N 155° 59.1' W	PC	10	200	10	2-3	200	4-6	6.7	999.9	8.2	6.9
14	55° 29.7' N 155° 41.0' W	PC	08	193	12	2-3	200	6-8	6.5	1000.0	8.0	6.8
15	55° 34.4' N 155° 26.6' W	PC	10	179	11	1-3	195	5-7	6.6	1000.1	8.2	6.9
16	55° 40.3' N 155° 16.9' W	PC	12	141	13	1-2	190	5-6	6.6	1000.2	7.0	5.3
17	55° 39.4' N 155° 20.2' W	P.C.	10	140	14	2-3	190	6-8	6.3	1000.2	8.1	7.0
18	55° 41.6' N 155° 17.9' W	PC/R	10	135	17	2-3	190	6-8	6.5	1000.3	7.2	6.2
19	55° 40.3' N 155° 22.6' W	R	8	180	12	3-4	190	6-8	6.4	1000.9	7.5	6.0
20	55° 43.8' N 155° 11.1' W	R	6	180	12	3-4	190	6-8	6.8	1001.1	7.2	6.2
21	55° 47.1' N 154° 46.1' W	R	6	186	10	3-4	190	6-8	6.9	1001.8	7.3	6.4
22	55° 52.1' N 154° 32.9' W	L	5	180	20	3-6	190	6-8	6.6	1002.9	5.5	4.7
23	55° 57.1' N 154° 11.6' W	CL	5	190	20	3-6	190	6-8	6.0	1003.2	5.4	4.9
24	56° 03.5' N 154° 00.9' W	L	8	205	12	3-6	160	4-6	5.7	1003.8	7.6	6.4

REMARKS



## DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

DAY

DATE

TIME ZONE

WILLER FREEMAN R 223

FRIDAY

21 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° 04.9' N 153° 37.0' W	L	8	197	15	4-6	175	6-8	6.3	1004.9	6.0	5.2
02	56° 09.6' N 153° 18.2' W	CL	8	203	18	4-8	175	6-8	6.3	1005.1	6.0	5.0
03	56° 14.1' N 153° 17.2' W	PC	10	200	17	4-7	185	6-8	6.4	1005.6	6.8	5.2
04	56° 12.1' N 153° 20.1' W	PC	10	215	15	4-6	200	6-8	6.3	1006.0	6.8	5.2
05	56° 14.2' N 153° 17.8' W	PC	10	215	14	4-6	200	6-8	6.4	1006.6	6.7	5.2
06	56° 11.9' N 153° 26.7' W	PC	10	210	14	5	200	6-8	6.4	1007.2	6.5	5.5
07	56° 10.5' N 153° 24.7' W	PC	10	208	17	4-6	200	6-8	6.3	1008.2	6.8	5.7
08	56° 13.9' N 153° 19.6' W	PC	10	210	17	3-5	200	5-8	6.4	1008.2	7.2	6.0
09	56° 12.4' N 153° 20.8' W	PC	10	210	17	3-6	230	5-8	6.3	1009.2	8.1	7.0
10	56° 13.1' N 153° 19.2' W	PC	10	230	15	3-5	210	6-8	6.3	1009.9	9.0	7.5
11	56° 12.2' N 153° 20.2' W	PC	10	170	14	2-3	240	4-5	6.3	1010.9	8.6	7.0
12	56° 17.2' N 153° 14.5' W	PC	10	200	18	3-4	240	4-5	6.2	1010.8	7.2	6.1
13	56° 15.1' N 153° 17.5' W	L	6	190	14	3-5	270	4-6	6.3	1012.0	7.9	5.6
14	56° 13.4' N 153° 18.7' W	PC	8	205	13	1-3	220	4-6	6.3	1012.3	7.1	5.6
15	56° 11.9' N 153° 16.9' W	PC	10	215	07	1-3	220	4-6	6.4	1012.4	7.2	5.8
16	56° 13.0' N 153° 00.3' W	PC	10	205	11	2-3	220	4-6	6.5	1012.9	8.1	7.0
17	56° 17.6' N 152° 43.5' W	PC	10	190	10	3-4	210	4-6	6.5	1013.7	7.1	5.4
18	56° 25.3' N 152° 27.2' W	CL	10	197	14	2-3	210	4-6	6.2	1014.1	5.8	4.7
19	56° 26.2' N 152° 29.8' W	CL	10	202	10	2-4	210	4-7	6.5	1014.2	5.7	4.3
20	56° 26.0' N 152° 34.0' W	PC	10	175	14	2-4	210	4-7	6.6	1015.0	6.9	5.6
21	56° 25.6' N 152° 31.7' W	PC	10	190	15	2-4	210	4-7	6.6	1014.9	6.1	5.0
22	56° 38.2' N 152° 21.9' W	PC	10	180	13	2-4	210	4-7	6.4	1015.1	6.4	5.4
23	56° 32.6' N 152° 21.0' W	PC	10	160	14	2-4	210	4-6	6.2	1015.4	6.6	5.7
24	56° 43.7' N 152° 18.2' W	PC	10	174	11	2-4	5	5	6.3	1015.5	6.7	6.0

REMARKS

## DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

Saturday

DATE

22 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	56°47.5'N 151°53.0'W	PC	10	133	10	2-3		4-5	6.5	1016.2	6.5	5.1
02	56°49.1'N 151°38.7'W	PC	10	115	10	2-3		4-5	6.2	1017.0	5.5	4.1
03	56°50.8'N 151°35.9'W	CL	10	167	13	3	160	4-5	6.6	1016.9	5.2	4.1
04	56°57.8'N 151°29.0'W	CL	10	108	10	2-3	160	4-5	6.2	1016.5	6.0	4.7
05	57°04.7'N 151°36.2'W	CL	10	130	13	2-3	150	4-5	6.1	1016.1	6.3	5.3
06	57°16.6'N 151°46.7'W	CL	10	115	12	2-3	150	4	6.2	1016.1	6.5	5.5
07	57°27.0'N 151°52.0'W	CL	10	125	14	2-3	135	4	6.1	1015.9	6.6	5.7
08	57°39.8'N 152°05.3'W	CL	8	141	11	2	145	3-4	5.4	1015.9	6.6	5.8
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REMARKS