MF-05-08 5-25 to 6/2/03

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	SUNDAY	25 MAY 03	+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												
03												
04												
05												
06												
07												
08												
09												
10												
11												
12												
13												
14												
15	53 53.5 N 166 32.6 W	CL	8	CALM		<1	—	—	—	1010.6	10.0	9.5
16	54° 01.3 N 166 03.1 W	CL	5	VARI	—	1-3	—	—	5.6	1010.7	6.7	6.0
17	54° 10.3 N 166° 09.2 W	CL	3	252	14	3-4	010	4-5	5.8	1011.3	7.0	7.8
18	54° 17.4 N 165° 56.6 W	CL	5	255	16	5	—	—	5.8	1010.5	10.0	8.3
19	54° 21.8 N 165° 38.4	CL	5	260	15	1-2	280	3-4	5.7	1010.5	9.3	8.2
20	54° 14.8 N 165 14.1 W	CL	5	260	15	1-3	10	3-4	5.6	1010.5	8.7	8.0
21	54° 17.8 N 164° 52.3 W	CL	5	260	15	1-3	010	3-4	5.7	1010.0	6.0	7.0
22	54° 17.1 N 164° 42.9 W	CL	4	300	18	1-3	280	4-5	5.7	1010.5	6.4	6.3
23	54° 6.4 N 164° 43.1 W	CL	4	309	17	1-3	330	2-3	5.7	1010.9	6.9	6.8
24	54 10.1 N 164 28.4 W	CL	4	310	19	3-4	290	4	5.7	1010.9	6.0	6.0

REMARKS

SUPERSEDES NOAA FORM 77-13D (7-72). EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION.

*US GPO 764-006/11040

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	MON	05/26/03	+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°12.7'N 164°23.9'W	CL	5	290	18	3-4	290	5	~~2.5~~ 5.5	1011.0	6.4	6.2
02	54°1.2N 164°12.9W	CL	4	275	18	3-4	290	5	5.5	1010.0	6.6	6.2
03	54°22.5'N 164°07.0'W	CL	05	250	15	2-3	300	5	5.8	1010.0	7.0	6.0
04	54°24 163°54	CL	04	237	13	2-3	—	4-5	5.8	1010.0	6.5	6.0
05	54°26.7'N 163°51.4'W	CL	06	236	12	2-3			5.7	1009.9	7.0	6.5
06	54°17.4'N 163°46.4'W	CL	06	243	05	<1	240	2-3	5.9	1010.0	6.1	5.2
07	54°16.5'N 164°01.1'W	CL	06	236	08	<1	260	3-4	5.9	1010.0	7.0	6.1
08	54°10.0'N 163°52.3'W	CL	06	230	14	<1	260	3-4	5.9	1010.0	7.4	7.0
09	54°09.9'N 163°31.4'W	CL	05	246	11	1-2	260	3-4	6.5	1010.2	7.4	7.0
10	54°07.6'N 163°17.0W	CL	05	220	16	1-3	220	4-5	6.2	1010.6	7.9	7.3
11	54°09.2'N 162°52.4'W	CL	05	235	15	1-3	225	4-5	6.3	1010.8	8.0	7.5
12	54°10.4 N 162°36.8 W	CL	5	223	15	1-2	235	4	5.8	1010.8	8.8	8.0
13	54°20.4'N 162°13.9'W	CL	05	222	14	1-2	235	3-4	5.8	1010.9	9.5	8.5
14	54°24.7 N 162°03.6 W	CL	5	210	14	1-2	230	3-4	6.2	1010.9	10.0	9.1
15	54°32.2 N 161°46.6 W	CL	4	215	12	1-2	230	3-4	6.1	1010.9	10.0	9.4
16	54°38.6 N 161°31.9 W	CL	3.4	213	13	1-2	230	3-4	5.8	1010.5	~~10.2~~ 9.2	~~9.6~~ 7.2
17	54°46.8 N 161°18.3 W	CL	4	205	12	1-2	220	2-3	5.9	1010.5	8.4	7.0
18	54°55.3 N 161°05.3 W	CL	4	207	15	1-3	210	3	6.0	1010.0	6.7	5.6
19	55°00.1 N 160°51.5 W	CL	4	195	13	1-3	210	3	6.1	1009.9	8.0	6.7
20	54°58.1 N 160°44.2 W	CL	03	200	13	1-3	210	3	6.2	1009.3	8.5	8.5
21	54°53.0 N 160°33.9 W	CL	05	193	11	1-3	200	3-4	6.3	1009.4	8.0	7.5
22	54°49.0 N 160°25.6 W	CL	08	198	15	1-3	170	3-5	6.4	1009.2	6.2	5.6
23	54°42.0 N 160°10.5 W	CL	06	185	16	1-3	170	4-6	6.2	1009.0	6.0	5.5
24	54°41.8 N 159°49.3 W	CL	06	172	10	1-2	170	4-5	6.3	1009.3	6.1	5.4

REMARKS

SUPERSEDES NOAA FORM 77-13D (7-72). EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION.

*U.S GPO 764-006/11040

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	TUE	05/27/03	+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°41.6'N 159°30.7'W	CL	06	171	12	1-2	110	4-5	6.2	1009.9	5.9	5.3
02	54°45.5'N 157°11.2'W	CL	09	172	13	2-4	—	—	6.2	1009.5	6.5	5.9
03	54°56.2'N 159°06.6'W	CL	08	175	10	2-4	/	/	6.4	1009.0	7.0	6.5
04	55°04.7'N 159°10.1'W	CL	07	176	16	1-3	—	—	6.1	1008.2	6.5	6.0
05	55°12.2'N 159°18.4'W	CL/L	05	180	13	1-3	/	/	6.4	1008.0	7.0	6.5
06	55°18.0'N 159°36.8'W	L	06	165	10	1	—	—	5.8	1006.9	6.2	5.1
07	55°20.4'N 159°41.6'W	R	08	168	09	1	—	—	5.7	1006.3	6.1	6.0
08	55°25.7'N 159°45.0'W	R	08	110	08	3	—	—	6.1	1005.4	5.9	5.0
09	55°29.6'N 159°26.9'W	CL	06	147	17	3	145	4-5	6.1	1005.9	7.0	6.5
10	55°32.6'N 159°12.8'W	CL/R	06	160	20	3-5	/	/	5.8		7.4	6.8
11	55°25.8'N 158°59.6'W	CL/R	04	147	25	3-5	/	/	6.7	1005.9	7.5	6.9
12	55°21.2'N 158°50.3'W	R	4	140	25	3-5	—	—	6.5	1005.5	7.3	6.9
13	55°16.9'N 158°40.7'W	R	5	130	25	5-6	—	—	6.5	1005.0	6.9	6.3
14	55°11.5'N 158°30.1'W	R	4-5	135	24	6-10	/	/	6.5	1005.1	7.5	6.5
15	55°07.3'N 158°20.7'W	R/CL	4-6	117	22	6-9	/	/	6.5	1004.5	7.1	6.2
16	55°06.3'N 158°10.5'W	CL	6-7	121	19	6-8	—	—	6.5	1003.8	6.1	5.0
17	55°10.3'N 157°51.4'W	CL	6-8	123	23	6-9	-	-	6.0	1003.5	6.0	5.0
18	55°13.6'N 157°43.0'W	CL	5	132	24	6-7	200	6-9	6.1	1004.1	7.5	6.1
19	55°19.4'N 157°53.7'W	CL	6	132	26	6-9	190	6-9	6.4	1003.1	6.7	5.4
20	55°25.5'N 158°06.5'W	CL	5	120	25	7-10	190	6-9	6.8	1003.5	9.5	7.9
21	55°30.9'N 158°17.0'W	CL	5	120	21	6-9	190	6-8	6.6	1002.3	9.5	8.0
22	55°31.9'N 158°25.0'W	CL	6	110	21	5-7	190	6-8	6.6	1003.2	7.0	5.9
23	55°40.3'N 158°33.7'W	CL	5-6	117	20	5-7	175	6-9	6.1	1003.7	6.3	6.0
24	55°47.9'N 158°21.1'W	CL	5-6	110	20	5-6	175	8-9	6.4	1003.4	6.9	6.1

REMARKS

SUPERSEDES NOAA FORM 77-13D (7-72). EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION.

*U.S GPO 764-006/11040

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	WED	05/28/03	+8

TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIND DIR. (True)	WIND SPEED (Kts.)	SEA WAVE HEIGHT (Ft.)	SWELL WAVES DIR. (True)	SWELL WAVES HEIGHT (Ft.)	SEA WATER TEMP. °C	SEA LEVEL PRESSURE (mb)	TEMPERATURE °C DRY BULB	TEMPERATURE °C WET BULB
01												
02	55°50.3'N 158°02.0'W	R	6	110	24	7-8	175	10	6.1	1003.8	6.0	5.8
03	55°46.9'N 157°55.1'W	CL	6	095	30	8	170	10	6.5	1003.5	7.0	6.0
04	55°43.1'N 157°47.7'W	CL/R	6	097	25	8-10	200	10	6.5	1003.1	7.0	6.0
05	55°39.9'N 157°40.6'W	CL/R	6	088	29	8	200	10	6.5	1003.0	7.0	6.5
06	55°34.9'N 157°31.7'W	CL/R	6	074	13	7	200	10	6.5	1002.0	7.2	7.0
07	55° 20.0'N 157° 25.0'W	CL	6	082	21	5-7	220/170	8-10	6.7	1001.9	7.2	7.1
08	55°27.3'N 157°10.4'W	CL/R	6	080	30	6-7	190/220	8-10	6.2	1002.2	7.0	7.0
09	55°25.1'N 157°12.6'W	CL/R	6	083	30	7	170/220	8-10	6.3	1001.9	7.0	6.5
10	55°22.0'N 157°06.8'W	CL/R	6	080	26	6-7	170/220	8-10	6.5	1001.9	7.4	6.9
11	55°21.3'N 157°01.5'W	CL/L	06	080	28	6-7	170/220	8-10	6.3	1002.7	8.0	7.5
12	55°26.0'N 156°53.0'W	CL	6	075	28	6-7	080/110	10/12	6.6	1002.9	9.9	8.4
13	55°20.3'N 156°42.7'W	CL	6	065	30	6-7	080/110	10-15	6.5	1003.5	7.7	6.8
14	55°37.2'N 156°43.5'W	CL	6	065	29	6-7	190/170	10-15	6.2	1003.5	11.5	9.7
15	55°42.1'N 156°52.1'W	CL	6-7	070	31	6-7	190/170	10-15	6.4	1003.5	7.7	6.7
16	55°47.0'N 157°02.9'W	PC	7	069	22	7-10	160	6-9	6.5	1004.7	7.8	6.8
17	55°51.8'N 157°11.5'W	CL	8	064	20	7-10	165	6-8	6.4	1005.1	8.2	7.0
18	55°56.7'N 157°21.2'W	CL	8	055	22	7-8	090/110	8	6.1	1005.5	8.1	6.9
19	56°02.2'N 157°31.5'W	CL	8	044	21	4-5	170/090	8-9/7-8	5.9	1006.0	7.4	6.5
20	56°08.8'N 157°45.8'W	CL	8	046	20	4	190/120	6-8/10-7	5.8	1006.1	7.1	6.0
21	56°14.2'N 157°60.2'W	CL	8	060	19	3-4	190/120	6-9	5.9	1006.5	10.5	8.9
22	56°20.0'N 157°56.5'W	CL	8	070	18	1-3	140	4-6	6.2	1007.0	8.5	6.3
23	56°22.8'N 157°46.2'W	CL	06	058	18	1-3	140	4-5	5.8	1007.9	8.8	6.9
24	56°16.6'N 157°34.0'W	CL/L	08	057	18	1-3	140	5-6	6.0	1008.0	8.9	7.1

REMARKS

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	THUR	05/29/03	+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°12.7'N 157°25.4'W	CL	08	58	16	1-3	140	6	6.1	1007.0	7.6	7.0
02	56°05.8'N 157°12.2'W	CL	08	40	15	1-3	140	6	6.2	1006.9	7.4	7.2
03	56°02.3'N 157°05.5'W	CL	08	020	12	2-3	135	6	6.2	1007.5	7.5	6.5
04	55°56.7'N 156°52.9'W	CL	08	022	15	2-3	140	4-5	6.4	1007.0	8.1	6.6
05	55°50.7'N 156°43.5'W	CL	08	020	15	2-3	120	4-5	6.5	1006.9	8.0	7.0
06	55°45.5'N 156°33.0'W	CL	08	031	18	1-3	120	4-5	6.5	1006.1	7.9	7.1
07	55°42.9'N 156°24.6'W	CL	08	029	17	1-3	110/070	5-6/4-5	6.5	1006.3	8.0	7.0
08	55°49.3'N 156°14.4'W	CL	8	022	13	1-3	340	4-5	6.1	1006.9	7.9	7.6
09	55°55.9'N 156°23.2'W	CL	8	032	16	1-3	040	4-5	7.0	1007.5	7.3	6.8
10	56°03.2'N 156°32.3'W	CL	8	015	10	1-3	190	4-5	6.6	1007.5	7.8	6.8
11	56°07.4'N 156°49.3'W	CL	8	050	16	1-3	175	4-5	6.1	1008.0	8.1	6.5
12	56°12.7'N 156°57.0'W	CL	8	050	18	1-3	340	5	6.5	1008.1	8.1	6.4
13	56°19.1'N 157°11.4'W	CL	8	045	15	1-2	345	4-5	6.1	1008.2	8.0	6.3
14	56°26.8'N 157°22.7'W	CL	10	060	18	2-3	345	4-5	6.4	1008.5	9.7	6.3
15	56°30.9'N 157°34.4'W	PC	10	074	21	3	050	4	6.3	1008.5	15.0	12.0
16	56°28.5'N 157°22.0'W	PC	10	045	21	3	060	3-5	6.1	1007.9	10.2	7.4
17	56°24.9'N 157°00.6'W	PC	10	040	20	1-3	085	3-5	6.5	1008.3	8.7	7.4
18	56°22.9'N 156°52.8'W	PC	10	015	19	1-3	050	5	6.9	1008.0	8.0	9.0
19	56°17.1'N 156°41.7'W	PC	11	019	15	1-3	130	4	7.0	1007.9	10.0	8.1
20	56°10.7'N 156°28.6'W	PC	11	020	16	1-3	090/095	5-5	6.8	1007.1	8.7	8.5
21	56°05.6'N 156°19.7'W	PC	11	020	10	1-2	130/090	5-5	7.0	1007.0	8.6	8.0
22	56°03.3'N 156°14.5'W	PC	11	010	05	>7	130/100	5-5	7.2	1007.1	8.6	8.5
23	55°57.2'N 156°07.5'W	PC	10	006	12	1-2	070	3-4	6.8	1006.6	8.8	8.5
24	56°08.6'N 155°58.9'W	PC	10	005	10	1-2	070	3-4	6.7	1006.0	8.8	8.5

REMARKS

SUPERSEDES NOAA FORM 77-13D (7-72). EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION.

*U.S GPO 764-006/11040

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	FRI	05/30/03	+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°16.2'N 156°11.8'W	P/CL	08	10	12	2-3	070	3-4	7.2	1006.0	9.0	8.8
02	56°19.6'N 156°20.0'W	CL	08	14	18	2-3	/	/	7.5	1006.1	9.0	8.0
03												
04	56°25.8'N 156°32.0'W	PC	08	023	12	2-3	/	/	7.0	1005.5	8.0	7.5
05	56°31.2'N 156°42.4'W	PC	08	042	22	2-3	040/070	3-4	6.6	1005.9	7.8	7.4
06	56°38.0'N 156°55.6'W	PC	08	046	18	2-3	080	3-4	6.2	1005.8	7.8	7.4
07	56°39.8'N 157°12.7'W	PC	09	297	05	1-2	080	2-3	6.0	1006.2	8.2	7.4
08	56°40.6'N 156°56.0'W	PC	09	030	18	1-2	080	2-3	6.5	1006.0	10.0	8.4
09	56°44.6'N 156°44.9'W	PC	08	038	25	2-3	075	3-4	6.5	1005.1	10.0	8.5
10	56°42.6'N 156°37.7'W	PC	08	015	22	2-3	080	3-4	6.7	1005.8	10.0	8.0
11	56°37.9'N 156°28.8'W	PC	08	020	22	2-3	080	3-4	6.9	1004.4	9.5	8.1
12				OPS								
13	56°26.8'N 156°06.6'W	CL	08	050	15	3-4	100	5-6	7.0	1003.9	10.0	9.8
14	56°30.4'N 155°53.6'W	CL	05	046	4	1	095	5-7	6.8	1004.5	10.3	9.6
15	56°35.4'N 155°57.5'W	CL	07	098	9	1-2	095	5-7	7.2	1004.5	11.4	10.5
16	56°39.9'N 156°05.5'W	CL	06	099	10	1-2	095	5-7	7.4	1004.9	12.3	11.0
17	56°46.5'N 156°18.1'W	CL	06	068	06	1-3	045	5-6	7.4	1004.9	8.1	8.0
18	56°52.5'N 156°31.0'W	CL	08	013	06	1-2	040	4-5	6.7	1005.0	8.0	7.0
19	56°57.6'N 156°21.3'W	CL	09	303	04	1-2	050	3-4	7.1	1004.8	9.8	8.3
20	56°53.2'N 156°04.4'W	CL	09	300	10	1-2	050	3-5	7.2	1004.2	10.0	9.0
21			OPS									
22	56°45.0'N 155°52.3'W	CL	08	315	10	1-2	040	4	6.8	1003.6	8.9	7.9
23	56°39.0'N 155°38.9'W	CL	07	321	07	1-2	040	3-4	7.5	1002.9	8.4	7.9
24	56°44.9'N 155°28.6'W	CL	08	330	09	1-2	040	3-4	7.6	1002.3	8.9	8.8

REMARKS

☆ 0200 weather Not OBSERVED

SUPERSEDES NOAA FORM 77-13D (7-72). EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION.

*U.S GPO 764-006/11040

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	SAT	05/31/03	+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°51.4'N 155°35.3'W	CL	8	050	09	1-2	040	3-4	7.2	1002.3	8.9	8.5
02	56°57.3'N 155°46.6'W	CL	8	060	09	1-2	040	3-4	7.1	1002.5	8.9	8.5
03	57°03.2'N 155°57.2'W	CL	8	068	12	1-2	/	/	7.2	1002.0	8.0	7.0
04	57°08.6'N 156°02.9'W	CL	8	045	10	1-2	047	3-4	7.1	1002.0	7.2	7.0
05	57°14.0'N 155°51.7'W	CL	8	080	08	1-2	045	3-4	7.3	1002.0	8.0	7.0
06	57°07.7'N 155°39.7'W	CL	8	030	03	1	040	2-3	7.0	1002.0	8.2	7.2
07	57°00.7'N 155°26.2'W	PC	8	308	03	<1	040	2	7.2	1002.0	8.7	8.0
08			8	343	04	<1	020	2-3		1003		
09												
10	57°04.9'N 155°08.1'W	PC	8	343	04	<1	020	2-3	7.2	1002.8	10.8	9.0
11	57°10.3'N 155°19.1'W	PC	11	030	06	<1	030	2	7.4	1002.0	7.9	6.9
12	57°16.2'N 155°28.8'W	PC	10	064	11	1-2	010	3	7.3	1002.1	10.9	9.9
13	57°22.8'N 155°37.9'W	PC	10	053	17	2-3	—	—	7.2	1001.8	10.5	9.9
14	57°29.1'N 155°27.2'W	PC	10	045	21	3	—	—	7.1	1001.7	8.5	7.2
15	57°23.7'N 155°14.1'W	PC	10	025	22	2-3	—	—	7.5	1001.3	8.7	8.0
16	57°18.3'N 155°06.8'W	PC	10	019	23	1-3	040	3-4	7.4	1001.0	8.6	8.1
17	57°20.7'N 155°01.0'W	PC	10	024	19	3-4	040	4-5	7.3	1000.8	8.0	7.2
18	57°25.6'N 155°01.8'W	PC	10	057	24	2-3	040	3-5	7.2	1001.5	8.1	7.1
19	57°34.7'N 155°11.5'W	PC	10	045	23	2-3	050	3-5	8.1	1001.6	8.6	7.4
20	57°42.5'N 155°16.1'W	PC	10	053	16	2-3	/	/	8.3	1002.1	11.0	9.6
21	57°[illegible]'N 155°15.4'W	CL	10	068	22	3-5	/	/	8.3	1003.0	9.7	8.0
22	57°42.2'N 155°14.2'W	CL	10	047	19	3-4	-	-	8.1	1003.0	8.7	7.7
23	57°40.4'N 155°10.3'W	CL	10	050	18	3-4	055	3-5	8.4	1003.5	9.0	7.6
24		1										

REMARKS

SUPERSEDES NOAA FORM 77-13D (7-72). EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION.

*U.S GPO 764-006/11040

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	~~the~~ Sunday	01-JUN-2003	+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	57°38.2'N 155°04.2'W	PC	10	030	15	3	—	—	8.2	1003.5	8.5	7.3
02	57°38.2'N 155°04.2'W	CL	10	030	20	3-4	—	—	8.2	1003.6	9.0	8.0
03	57°36.5'N 155°00.6'W	PC	10	055	22	4	—	—	7.8	1004.0	8.7	8.5
04	57°36.2'N 155°00.6'W	PC	08	044	25	2-3	040	4	7.8	1004.0	8.1	7.0
05	57°33.1'N 154°52.8'W	PC	09	040	24	2-3	035	3-5	6.8	1003.9	8.0	7.0
06	57°32.9'N 154°52.8'W	PC	10	043	16	1-3	040	3-5	6.6	1004.1	8.0	7.2
07	57°33.0'N 154°52.5'W	PC	10	046	18	1-3	040	3-5	6.5	1005.0	7.1	6.1
08	57°30.3'N 154°47.2'W	PC	10	045	21	1-3	020	3-5	6.5	1006.3	8.6	8.3
09	57°30.3'N 154°46.8'W	PC	08	050	20	1-3	020	3-5	6.7	1006.1	7.0	6.5
10	57°35.5'N 154°48.5'W	PC	09	061	23	3-4	/	3	6.9	1007.4	8.5	7.5
11	57°42.5'N 155°00.0'W	PC	08	068	22	3-4	/	/	7.7	1008.5	9.5	9.0
12	57°47.4'N 154°54.1'W	PC	8	060	25	3-4	—	—	7.9	1009.1	10.0	9.0
13	57°49.4'N 154°45.5'W	PC	8	055	26	4	—	—	7.4	1010.0	8.8	7.1
14	56°46.0'N 154°31.7'W	PC	8	045	17	3-4	/	/	7.6	1010.1	10.5	8.5
15:30	57°54.5'N 154°16.0'W	PC	8	040	17	3-4	/	/	7.4	1011.2	11.1	10.0
16	57°57.0'N 154°12.6'W	PC	10	054	18	2-4	/	/	8.2	1011.1	11.4	9.5
17	58°03.8'N 153°59.3'W	PC	10	046	09	1-3	-	-	8.0	1012.1	11.7	10.3
18	58°09.1'N 153°50.1'W	PC	10	055	12	1-3	-	-	8.1	1012.3	12.0	10.9
19	58°14.2'N 153°41.1'W	PC	10	055	10	1-3	—	—	8.4	1013.1	9.8	8.0
20	58°22.0'N 153°26.1'W	CL	10	060	08	1-3	/	/	8.4	1014.3	10.1	9.8
21	58°27.6'N 153°16.3'W	CL	10	055	09	1-2	/	/	8.4	1015.2	8.5	7.5
22	58°33.4'N 153°06.1'W	CL	08	110	10	1-2	/	/	7.9	1015.3	8.7	7.6
23	58°34.4'N 153°02.1'W	CL	08	104	11	1-3	-	-	8.2	1016.8	10.0	9.3
24	58°42.8'N 152°30.1'W	CL	08	106	13	1-3	—	—	7.8	1017.4	9.8	9.1

REMARKS

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	MON	02-JUN-03	+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	58° 41.5'N 152° 14.4'W	CL	08	122	14	1-3	—	—	6.5	1017.9	8.8	8.6
02	59° 31.6'N 152° 04.1'W	CL	08	140	13	1-3	—	—	6.7	1018.1	9.3	9.1
03	58° 23.1'N 151° 55.1'W	CL	08	137	12	1-3	/	/	6.8	1019.0	9.0	7.9
04	58° 12.9'N 151° 55.9'W	CL	08	143	10	1-3	/	/	7.1	1019.1	9.0	8.0
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REMARKS

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	~~01~~ Sunday	01-JUN-2003	+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	57°38.2'N 155°04.2'W	PC	10	030	15	3	—	—	8.2	1003.5	8.5	7.3
02	57°38.2'N 155°04.2'W	CL	10	030	20	3-4	—	—	8.2	1003.6	9.0	8.0
03	57°36.5'N 155°00.6'W	PC	10	055	22	4	—	—	7.8	1004.0	8.7	8.5
04	57°36.2'N 155°00.6'W	PC	08	044	25	2-3	040	4	7.8	1004.0	8.1	7.0
05	57°33.2'N 154°52.8'W	PC	09	040	24	2-3	035	3-5	6.8	1003.9	8.0	7.0
06	57°32.9'N 154°52.8'W	PC	10	043	16	1-3	040	3-5	6.6	1004.1	8.0	7.2
07	57°33.0'N 154°52.5'W	PC	10	046	18	1-3	040	3-5	6.5	1005.0	7.1	6.1
08	57°30.3'N 154°47.2'W	PC	10	043	21	1-3	020	3-5	6.5	1006.3	8.6	8.3
09	57°30.3'N 154°46.8'W	PC	08	050	20	1-3	020	3-5	6.7	1006.1	7.0	6.5
10	57°35.5'N 154°48.5'W	PC	09	061	23	3-4	/	/	6.9	1007.4	8.5	7.5
11	57°42.5'N 155°00.0'W	PC	08	068	22	3-4	/	/	7.7	1008.5	9.5	9.0
12	57°47.4'N 154°54.1'W	PC	8	060	23	3-4	—	—	7.9	1009.1	10.0	9.0
13	57°49.4'N 154°45.5'W	PC	8	055	26	3-4	—	—	7.4	1010.0	8.8	7.1
14	56°46.0'N 154°31.7'W	PC	8	045	17	3-4	/	/	7.6	1010.1	10.5	8.5
15:30	57°54.5'N 154°16.0'W	PC	8	040	17	3-4	/	/	7.4	1011.2	11.1	10.0
16	57°57.0'N 154°12.6'W	PC	10	054	18	2-4	/	/	8.2	1011.1	11.4	9.5
17	58°03.8'N 153°59.3'W	PC	10	046	09	1-3	-	-	8.0	1011.1	11.7	10.3
18	58°09.1'N 153°50.1'W	PC	10	055	12	1-3	-	-	8.1	1012.3	12.0	10.9
19	58°14.2'N 153°41.1'W	PC	10	055	10	1-3	—	—	8.4	1013.1	9.8	8.0
20	58°22.0'N 155°26.1'W	CL	10	060	08	1-3	/	/	8.4	1014.3	10.1	9.8
21	58°27.6'N 153°16.3'W	CL	10	055	19	1-2	/	/	8.4	1015.2	8.5	7.5
22	58°33.4'N 153°06.1'W	CL	08	110	10	1-2	/	/	7.9	1015.3	8.7	7.6
23	58°39.4'N 152°52.1'W	CL	08	104	11	1-3	-	-	8.2	1016.8	10.0	8.3
24	58°47.9'N 152°30.1'W	CL	08	106	13	1-3	—	—	7.8	1017.4	9.8	9.1

REMARKS

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	MON	02-JUN-03	+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	58° 41.5'N 152° 14.4'W	CL	08	122	14	1-3	—	—	6.5	1017.9	8.8	8.6
02	58° 31.6'N 152° 04.1'W	CL	08	140	13	1-3	—	—	6.7	1018.1	9.3	9.1
03	58° 23.1'N 151° 55.1'W	CL	08	137	12	1-3	/	/	6.8	1019.0	9.0	7.9
04	58° 12.9'N 151° 55.9'W	CL	08	143	10	1-3	/	/	7.1	1019.1	9.0	8.0
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REMARKS

SUPERSEDES NOAA FORM 77-13D (7-72). EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION.

*U.S GPO 764-006/11040