

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP MILLER FREEMAN	DAY TUESDAY	DATE 18 APRIL 2000	TIME ZONE +8
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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	57°43.7'N 152°30.9'W	CL	5	260	10	—	—	—	—	990.9	4.6	4.4
05												
06												
07												
08												
09	57°47.2'N 152°24.0'W	PC	10	280	06	—	—	—	4.5	991.0	6.0	5.8
10	S	PC	10	280	03	—	—	—	4.6	990.9	6.0	5.8
11	S	PC	10	265	02	—	—	—	4.6	990.9	7.2	5.0
12	S	PC	10	180	05	—	—	—	4.6	991.0	8.2	5.4
13	S	PC	10	190	05	—	—	—	4.7	991.5	8.3	5.5
14	S	PC	10	LT	AIRS	—	—	—	4.6	990.9	11.4	7.8
15												
16	57°47.4'N 152°22.1'W	PC	10	LT	AIRS	—	—	—	—	991.0	11.2	7.2
17	57°43.0'N 152°19.1'W	CL	10	169	16	1-2	060	1-2	4.8	990.2	8.0	6.0
18	57°33.4'N 152°06.5'W	CL	10	217	11	1-2	190	3-4	4.7	990.2	7.0	5.0
19	57°21.3'N 152°11.1'W	CL	10	216	16	1-2	190	4-5	4.5	990.2	6.2	4.2
20	57°14.7'N 152°22.9'W	CL	10	225	20	2-4	203	4-6	4.9	990.1	5.0	3.2
21	57°06.8'N 152°36.8'W	CL	8	227	18	2-4	209	4-6	5.1	990.2	4.2	3.0
22	57°00.4'N 152°48.3'W	CL	8	230	15	2-4	193	2-4	5.1	990.1	4.0	3.0
23	56°50.3'N 153°06.3'W	CL	6	145	12	2-3	150	3-4	4.4	990.0	4.0	2.0
24	56°43.0'N 153°19.5'W	PC	7	136	12	3	—	—	4.5	989.9	3.2	2.2

REMARKS

0630 W1W from Women's Bay to Petro Marine Fuel Dock
0830 MOORED TO PETRO MARINE FUEL PIER

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP <i>MILLER FREEMAN</i>	DAY <i>wed</i> Fri	DATE <i>19 APRIL</i> <i>2000</i>	TIME ZONE <i>+8</i>
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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	<i>56°33.0'N 153°35.0'W</i>	<i>R</i>	<i>8</i>	<i>016</i>	<i>14</i>	<i>3</i>	<i>190</i>	<i>4</i>	<i>4.3</i>	<i>998.1</i>	<i>3.2</i>	<i>2.9</i>
02	<i>56°14.09'N 153°40'100'W</i>	<i>R</i>	<i>8</i>	<i>096</i>	<i>14</i>	<i>3</i>	<i>190</i>	<i>4</i>	<i>4.3</i>	<i>987.0</i>	<i>3.8</i>	<i>3.2</i>
03	<i>56°17.9'N 154°04.2'W</i>	<i>R</i>	<i>8</i>	<i>090</i>	<i>12</i>	<i>3</i>	<i>180</i>	<i>4</i>	<i>4.3</i>	<i>985.1</i>	<i>4.1</i>	<i>3.8</i>
04	<i>56°04.11'N 154°24.2'W</i>	<i>CL</i>	<i>8</i>	<i>092</i>	<i>14</i>	<i>1-2</i>	<i>/</i>	<i>/</i>	<i>4.3</i>	<i>985.0</i>	<i>4.9</i>	<i>3.0</i>
05	<i>56°10.5'N 154°04.0'W</i>	<i>R</i>	<i>8</i>	<i>084</i>	<i>10</i>	<i>1-2</i>	<i>/</i>	<i>/</i>	<i>4.3</i>	<i>985.5</i>	<i>4.9</i>	<i>4.0</i>
06	<i>56°06.8'N 154°05.6'W</i>	<i>R</i>	<i>8</i>	<i>082</i>	<i>10</i>	<i>1-2</i>	<i>/</i>	<i>/</i>	<i>4.5</i>	<i>984.0</i>	<i>5.2</i>	<i>5.0</i>
07	<i>56°03.2'N 155°23.3'W</i>	<i>R</i>	<i>8</i>	<i>088</i>	<i>06</i>	<i>1-2</i>	<i>/</i>	<i>/</i>	<i>4.1</i>	<i>984.0</i>	<i>5.9</i>	<i>4.9</i>
08	<i>55°59.4'N 155°44.6'W</i>	<i>F/R</i>	<i>6</i>	<i>094</i>	<i>09</i>	<i>1-2</i>	<i>32</i>	<i>1-2</i>	<i>4.1</i>	<i>984.5</i>	<i>5.2</i>	<i>4.9</i>
09	<i>55°55.7'N 156°05.0'W</i>	<i>F</i>	<i>5</i>	<i>090</i>	<i>08</i>	<i>1-2</i>	<i>11</i>	<i>3-4</i>	<i>4.3</i>	<i>984.5</i>	<i>5.2</i>	<i>4.9</i>
10	<i>55°52.3'N 156°22.4'W</i>	<i>CL</i>	<i>6</i>	<i>060</i>	<i>08</i>	<i>1-2</i>	<i>200</i>	<i>2-3</i>	<i>4.2</i>	<i>984.5</i>	<i>3.8</i>	<i>3.2</i>
11	<i>55°50.2'N 156°46.1'W</i>	<i>CL</i>	<i>5</i>	<i>082</i>	<i>14</i>	<i>1-2</i>	<i>191</i>	<i>2-3</i>	<i>4.4</i>	<i>984.4</i>	<i>3.4</i>	<i>3.0</i>
12	<i>55°50.3'N 157°04.9'W</i>	<i>F</i>	<i>4</i>	<i>210</i>	<i>17</i>	<i>2</i>	<i>200</i>	<i>3</i>	<i>4.4</i>	<i>983.0</i>	<i>3.2</i>	<i>2.9</i>
13	<i>55°48.8'N 157°27.7'W</i>	<i>F</i>	<i>6</i>	<i>073</i>	<i>02</i>	<i>2</i>	<i>190</i>	<i>03</i>	<i>4.6</i>	<i>982.3</i>	<i>2.2</i>	<i>5.5</i>
14	<i>55°45.8'N 157°50.0'W</i>	<i>PC</i>	<i>6</i>	<i>080</i>	<i>02</i>	<i>2</i>	<i>195</i>	<i>03</i>	<i>4.6</i>	<i>982.0</i>	<i>3.7</i>	<i>3.1</i>
15	<i>55°43.1'N 158°08.5'W</i>	<i>PC</i>	<i>7</i>			<i>2</i>						
16	<i>55°38.0'N 158°27.6'W</i>	<i>PC</i>	<i>8</i>	<i>061</i>	<i>07</i>	<i>2</i>	<i>210</i>	<i>2-3</i>	<i>4.3</i>	<i>980.9</i>	<i>6.0</i>	<i>5.0</i>
17	<i>55°35.1'N 158°48.0'W</i>	<i>R</i>	<i>8</i>	<i>034</i>	<i>13</i>	<i>1-2</i>	<i>140</i>	<i>2-3</i>	<i>4.3</i>	<i>980.0</i>	<i>7.0</i>	<i>5.5</i>
18	<i>55°34.1'N 159°08.9'W</i>	<i>R</i>	<i>8</i>	<i>060</i>	<i>09</i>	<i>1-2</i>	<i>/</i>	<i>/</i>	<i>3.9</i>	<i>980.0</i>	<i>6.5</i>	<i>5.0</i>
19	<i>55°32.4'N 159°30.1'W</i>	<i>PC</i>	<i>8</i>	<i>348</i>	<i>04</i>	<i>1-2</i>	<i>/</i>	<i>/</i>	<i>3.9</i>	<i>980.0</i>	<i>6.2</i>	<i>5.0</i>
20	<i>55°32.1'N 159°49.5'W</i>	<i>CL</i>	<i>8</i>	<i>265</i>	<i>08</i>	<i>1-2</i>	<i>290</i>	<i>2-3</i>	<i>4.2</i>	<i>980.0</i>	<i>5.0</i>	<i>3.6</i>
21	<i>55°31.0'N 160°03.5'W</i>	<i>CL</i>	<i>8</i>	<i>320</i>	<i>24</i>	<i>1-2</i>	<i>331</i>	<i>2-3</i>	<i>3.2</i>	<i>980.0</i>	<i>3.0</i>	<i>1.8</i>
22	<i>55°28.3'N 160°34.9'W</i>	<i>CL</i>	<i>3</i>	<i>305</i>	<i>14</i>	<i>1-2</i>	<i>331</i>	<i>2-3</i>	<i>3.6</i>	<i>980.1</i>	<i>2.8</i>	<i>1.0</i>
23	<i>55°25.5'N 160°52.5'W</i>	<i>CL/S</i>	<i>5</i>	<i>345</i>	<i>20</i>	<i>1-2</i>	<i>021</i>	<i>2-3</i>	<i>2.8</i>	<i>981.2</i>	<i>1.2</i>	<i>-0</i>
24	<i>55°20.7'N 161°03.4'W</i>	<i>CL/S</i>	<i>6</i>	<i>341</i>	<i>19</i>	<i>1-2</i>	<i>/</i>	<i>/</i>	<i>2.3</i>	<i>981.1</i>	<i>1.1</i>	<i>-0.2</i>

REMARKS 2030

WIND INCREASE TO 25 KNOTS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP <i>MILLER FREEMAN</i>	DAY <i>Thursday</i>	DATE <i>20 APRIL 2000</i>	TIME ZONE <i>+8</i>
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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	<i>55°17.4'N 161°23.9'W</i>	<i>W/R</i>	<i>6</i>	<i>360</i>	<i>30</i>	<i>4</i>	<i>—</i>	<i>—</i>	<i>2.5</i>	<i>981.1</i>	<i>-0.4</i>	<i>-1.2</i>
02	<i>55°15.7'N 161°04.1'W</i>	<i>R</i>	<i>7</i>	<i>04</i>	<i>33</i>	<i>4</i>	<i>—</i>	<i>—</i>	<i>2.4</i>	<i>983.0</i>	<i>-1.2</i>	<i>-2.0</i>
03	<i>55°10.87'N 161°40.88'W</i>	<i>PC</i>	<i>6</i>	<i>003</i>	<i>23</i>	<i>5-6</i>	<i>—</i>	<i>—</i>	<i>2.4</i>	<i>983.0</i>	<i>-2.0</i>	<i>-3.2</i>
04	<i>55°10.77'N 161°41.46'W</i>	<i>PC/S</i>	<i>6</i>	<i>005</i>	<i>25</i>	<i>3-4</i>	<i>/</i>	<i>/</i>	<i>2.4</i>	<i>983.5</i>	<i>-1.2</i>	<i>-2.5</i>
05												
06	<i>55°12.7'N 161°04.9'W</i>	<i>PC</i>	<i>6</i>	<i>360</i>	<i>30</i>	<i>4-5</i>	<i>—</i>	<i>—</i>	<i>2.4</i>	<i>984.0</i>	<i>-2.0</i>	<i>-2.0</i>
07	<i>55°05.2'N 161°05.5'W</i>	<i>PC</i>	<i>6</i>	<i>320</i>	<i>08</i>	<i>1-2</i>	<i>—</i>	<i>—</i>	<i>2.4</i>	<i>984.9</i>	<i>-2.0</i>	<i>-2.0</i>
08	<i>55°00.4'N 161°06.3'W</i>	<i>PC</i>	<i>8</i>	<i>300</i>	<i>19</i>	<i>1-2</i>	<i>203</i>	<i>2-3</i>	<i>2.7</i>	<i>985.1</i>	<i>-1.2</i>	<i>-2.0</i>
09	<i>54°59.2'N 161°13.5'W</i>	<i>PC</i>	<i>8</i>	<i>310</i>	<i>22</i>	<i>1-2</i>	<i>240</i>	<i>2-3</i>	<i>2.9</i>	<i>985.1</i>	<i>-1.2</i>	<i>-1.0</i>
10	<i>54°52.2'N 161°36.6'W</i>	<i>PC</i>	<i>10</i>	<i>320</i>	<i>23</i>	<i>1-2</i>	<i>230</i>	<i>2-3</i>	<i>1.9</i>	<i>985.3</i>	<i>-1.0</i>	<i>-0.4</i>
11	<i>54°44.4'N 161°33.7'W</i>	<i>PC</i>	<i>10</i>	<i>325</i>	<i>18</i>	<i>1-2</i>	<i>205</i>	<i>2-3</i>	<i>4.8</i>	<i>987.0</i>	<i>-4.8</i>	<i>-2.9</i>
12	<i>54°03.1'N 161°09.0'W</i>	<i>PC</i>	<i>10</i>	<i>320</i>	<i>20</i>	<i>1-2</i>	<i>205</i>	<i>2-3</i>	<i>4.7</i>	<i>987.6</i>	<i>-1.4</i>	<i>-0.6</i>
13	<i>54°28.6'N 161°47.1'W</i>	<i>PC</i>	<i>10</i>	<i>270</i>	<i>20</i>	<i>2-3</i>	<i>—</i>	<i>—</i>	<i>2.8</i>	<i>988.0</i>	<i>2.0</i>	<i>-0.5</i>
14	<i>54°27.90'N 161°50.52'W</i>	<i>PC</i>	<i>10</i>	<i>303</i>	<i>12</i>	<i>2-3</i>	<i>—</i>	<i>—</i>	<i>2.6</i>	<i>988.1</i>	<i>4.0</i>	<i>0.9</i>
15	<i>54°24.4'N 164°10.0'W</i>	<i>PC</i>	<i>10</i>	<i>253</i>	<i>20</i>	<i>2-3</i>	<i>—</i>	<i>—</i>	<i>2.7</i>	<i>988.2</i>	<i>3.1</i>	<i>0.0</i>
16	<i>54°20.9'N 164°28.5'W</i>	<i>PC</i>	<i>10</i>	<i>266</i>	<i>20</i>	<i>2-3</i>	<i>—</i>	<i>—</i>	<i>2.7</i>	<i>988.2</i>	<i>3.0</i>	<i>0.0</i>
17	<i>54°19.9'N 164°49.7'W</i>	<i>PC</i>	<i>10</i>	<i>313</i>	<i>20</i>	<i>2-3</i>	<i>260</i>	<i>1-2</i>	<i>2.7</i>	<i>988.6</i>	<i>2.0</i>	<i>0.0</i>
18	<i>54°20.1'N 165°10.1'W</i>	<i>PC</i>	<i>10</i>	<i>321</i>	<i>20</i>	<i>2-3</i>	<i>260</i>	<i>1-2</i>	<i>2.7</i>	<i>989.0</i>	<i>2.0</i>	<i>0.0</i>
19	<i>54°20.12'N 165°24.87'W</i>	<i>S</i>	<i>1</i>	<i>300</i>	<i>18</i>	<i>6-8</i>	<i>275</i>	<i>6-8</i>	<i>3.5</i>	<i>989.5</i>	<i>-1.1</i>	<i>-1.5</i>
20	<i>54°20.2'N 165°25.5'W</i>	<i>PC snow flurries</i>	<i>2</i>	<i>270</i>	<i>18</i>	<i>4-6</i>	<i>280</i>	<i>6-8</i>	<i>3.5</i>	<i>989.5</i>	<i>.7</i>	<i>-1.5</i>
21	<i>54°22.7'N 165°16.7'W</i>	<i>SP</i>	<i>1</i>	<i>250</i>	<i>12</i>	<i>4-6</i>	<i>300</i>	<i>5-7</i>	<i>3.6</i>	<i>990.0</i>	<i>-1.5</i>	<i>-2.0</i>
22	<i>54°27.4'N 165°30.8'W</i>	<i>SP/C</i>	<i>5</i>	<i>324</i>	<i>14</i>	<i>4-6</i>	<i>093</i>	<i>5-7</i>	<i>3.7</i>	<i>990.6</i>	<i>-3.2</i>	<i>-2.0</i>
23	<i>54°27.4'N 163°31.2'W</i>	<i>SP</i>	<i>2-3</i>	<i>270</i>	<i>12</i>	<i>4-6</i>	<i>—</i>	<i>—</i>	<i>3.7</i>	<i>991.0</i>	<i>-6.0</i>	<i>-0.8</i>
24					<i>Fish ops</i>							

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	FR.I	21 APRIL 2000	+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°26.8'N 165°01.1'W	S	2 1/2	250	10	4	/	/	2.5	991.3	-1.8	-1.2
02	54°25.2'N 165°01.0'W	PC	5	240	15	4	/	/	3.1	991.8	-1.0	-1.0
03	54°23.6'N 165°34.3'W	PC	5	224	10	4	/	/	2.4	992.2	-2.0	-2.0
04	54°21.6'N 165°54.5'W	PC	6	260	10	/	/	/	2.4	993.0	0.0	-1.0
05	54°21.6'N 165°55.8'W	PC	7	350	6	/	310	8	3.1	993.9	-0.5	-0.7
06	54°27.9'N 166°01.7'W	PC	7	345	10	/	310	8	3.0	994.9	-0.2	-1.0
07	54°31.8'N 166°05.1'W	PC	7	340	20	/	310	8	3.0	995.6	0.0	0.0
08	54°33.3'N 166°08.0'W	PC	7	320	24	4-5	324	8	3.0	995.4	0.0	0.0
09	54°41.4'N 166°14.7'W	7/8 PC	7	320	20	4-6	325	8	3.0	996.6	-1.2	FROZEN
10	54°35.6'N 166°15.9'W	PC	7	320	24	4-6	327	8	2.0	997.3	-2.2	-0.4
11	54°24.2'N 166°19.5'W	CL	8	295	26	4-6	190	8-10	2.3	997.1	-2.6	-0.2
12	54°13.2'N 166°23.1'W	CL	8	290	21	4-5	310	8	2.6	999.0	-1.1	1.4
13	54°03.1'N 166°26.3'W	CL	8	285	20	4-5	310	8	2.5	1000.1	5.5	3.1
14	53°53.6'N 166°30.4'W	CL SNOW	2	280	18	1-2	040	2	3.8	1000.3	4.9	2.5
15	53°54.4'N 166°30.7'W	SNOW	1	light airs		0.5	/	/	3.7	1002.3	2.3	1.3
16	53°54.6'N 166°30.7'W	SNOW	1	130	10	/	/	/	/	1004.2	3.0	2.0
17	53°54.9'N 166°30.7'W	SNOW	1	130	10	/	/	/	/	1005.2	2.5	1.2
18	53°54.6'N 166°30.7'W	SNOW	1	320	12	/	/	/	/	1004.0	2.0	1.0
19	53°54.5'N 166°30.7'W	SNOW	1	320	10	/	/	/	/	1004.9	3.0	2.0
20	53°54.0'N 166°30.7'W	SNOW	2	320	10	/	/	/	/	1005.1	1.4	-0.2
21				- NO. DUNE IN-PORT DUTCH								
22	53°54.6'N 166°30.7'W	S. CL	3	220	10	2-3	/	/	/	1007.1	1.0	-0.5
23	53°59.6'N 166°21.5'W	CL	5	300	27	5-7	/	/	3.2	1007.2	3.0	-1.0
24	54°07.7'N 166°13.3'W	CL	5	320	20	4-5	10	10	3.4	1007.5	0.0	-1.0

REMARKS

16 0605 BEGAN BLOWING SNOW w/ WIND @ 15-20. 0616 STOP SNOWING

1400 AT DUTCH HARBOR

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

SAT
FRI

DATE

22 APRIL
2000

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	54°14.2'N 165°03.6'W	R	5	310	21	5	/	/	3.4	1008.0	0.0	0.0
02	54°21.2'N 165°53.0'W	R	5	300	20	5	/	/	3.2	1008.0	0.0	0.0
03	54°26.9'N 165°55.2'W	R	5	305	23	5	/	/	3.2	1007.6	-0.6	-0.6
04	54°33.5'N 165°18.5'W	S	7	340	20	5-10	300	10-12	3.2	1008.0	0.0	0.0
05	54°37.9'N 165°03.1'W	S	7	340	20	10	300	10-12	2.8	1008.2	-1.0	-1.0
06	54°40.5'N 164°48.5'W	S	7	340	23	10	300	10-12	2.7	1008.2	-1.0	-1.0
07	54°46.3'N 164°50.1'W	PC	7	330	23	10	300	10-12	2.7	1008.9	-1.0	-1.0
08	54°51.3'N 164°54.9'W	CL	7	330	24	10	330	10-12	2.4	1009.0	-1.0	-1.0
09	54°56.2'N 164°54.9'W	CL	7	315	25	6-8	330	10-12	2.7	1009.9	-1.0	-1.0
10	55°02.4'N 165°05.4'W	CL snow	5	320	25	6-8	330	10-12	2.9	1010.0	-1.2	-1.2
11	55°05.5'N 164°55.6'W	CL	7	310	27	6-8	173	10-12	1.9	1010.0	-1.2	-1.2
12	55°10.4'N 165°34.4'W	CL	7	350	14	5-6	350	8-10	2.6	1010.0	-1.2	-1.0
13	55°13.9'N 164°26.7'W	CL	7	340	20	4-5	340	8	2.5	1010.0	-1.2	-1.0
14	55°17.1'N 164°06.6'W	CL	7	319	14	4-5	330	7	2.5	1010.1	-1.2	-1.0
15	55°25.3'N 163°51.9'W	CL	7	304	20	3-4	330	7	2.5	1010.2	-1.4	-1.2
16	55°31.4'N 163°37.4'W	CL	7	325	20	3-4	340	5-6	2.5	1010.9	-1.0	-1.0
17	55°35.5'N 163°21.5'W	CL	7	319	22	3-4	340	5-6	1.9	1010.9	-1.0	-1.0
18	55°39.7'N 163°05.7'W	CL	7	327	21	3-4	340	5-6	2.0	1010.9	-1.0	-1.0
19	55°44.2'N 162°49.8'W	CL	7	330	23	3-4	340	5-6	1.8	1010.9	-1.9	-1.5
20	55°49.4'N 162°36.5'W	CL	7	325	20	3-4	340	5-6	2.0	1010.1	-2.0	-2.0
21	55°52.1'N 162°16.2'W	CL	7	330	26	3-4	092	5-6	2.1	1010.1	-2.0	-2.0
22	55°56.1'N 162°01.0'W	CL	7	340	26	3-4	090	5-6	2.1	1010.1	-2.0	-2.0
23	56°02.6'N 161°35.6'W	CL/s	5	330	23	3-4	104	5-6	2.1	1010.1	-2.8	-2.8
24	56°06.2'N 161°22.4'W	CL/s	5	317	0.0	3-4	—	—	0.2	1011.0	-3.1	-3.0

REMARKS

0400 VISIBILITY CONFIRMED BY RADAR TARGETS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP <i>MILLER FREEMAN</i>	DAY <i>Sunday</i>	DATE <i>23/2000 APRIL</i>	TIME ZONE <i>+8</i>
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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	<i>56°18.3'N 160°56.7'W</i>	<i>S</i>	<i>8</i>	<i>330</i>	<i>10</i>	<i>3</i>	<i>/</i>	<i>/</i>	<i>0.3</i>	<i>1011.1</i>	<i>-3.1</i>	<i>-3.1</i>
02	<i>56°21.3'N 160°42.6'W</i>	<i>S</i>	<i>8</i>	<i>330</i>	<i>8</i>	<i>3</i>	<i>/</i>	<i>/</i>	<i>0.3</i>	<i>1011.1</i>	<i>-3.1</i>	<i>-3.1</i>
03												
04	<i>56°26.9'N 160°30.5'W</i>	<i>S</i>	<i>8</i>	<i>330</i>	<i>8</i>	<i>3</i>	<i>/</i>	<i>/</i>	<i>0.1</i>	<i>1011.8</i>	<i>-3.0</i>	<i>-3.0</i>
05	<i>56°31.6'N 160°17.1'W</i>	<i>S</i>	<i>8</i>	<i>310</i>	<i>10</i>	<i>3</i>	<i>/</i>	<i>/</i>	<i>0.2</i>	<i>1011.2</i>	<i>-3.0</i>	<i>-3.0</i>
06	<i>56°28.8'N 160°17.3'W</i>	<i>S</i>	<i>8</i>	<i>310</i>	<i>09</i>	<i>3</i>	<i>/</i>	<i>/</i>	<i>0.2</i>	<i>1011.5</i>	<i>-1.0</i>	<i>-1.0</i>
07	<i>56°24.9'N 160°12.6'W</i>	<i>CL</i>	<i>8</i>	<i>310</i>	<i>10</i>	<i>1</i>	<i>290</i>	<i>2-3</i>	<i>0.7</i>	<i>1012.0</i>	<i>-3.0</i>	<i>-3.0</i>
08	<i>56°24.9'N 160°12.9'W</i>	<i>SP</i>	<i>5</i>	<i>318</i>	<i>9</i>	<i>3</i>	<i>-</i>	<i>-</i>	<i>0.7</i>	<i>1012.1</i>	<i>-3.3</i>	<i>-3.3</i>
09	<i>56°24.9'N 160°13.0'W</i>	<i>SP</i>	<i>5</i>	<i>297</i>	<i>7</i>	<i>3</i>	<i>-</i>	<i>-</i>	<i>0.8</i>	<i>1012.6</i>	<i>-4.0</i>	<i>-4.0</i>
10	<i>56°25.3'N 160°16.7'W</i>	<i>CL snow flurries</i>	<i>7</i>	<i>285</i>	<i>5</i>	<i>1-3</i>	<i>310</i>	<i>4-6</i>	<i>0.7</i>	<i>1012.8</i>	<i>-2.5</i>	<i>Freeze</i>
11	<i>56°27.8'N 160°38.9'W</i>	<i>CL light snow</i>	<i>7</i>	<i>334</i>	<i>9</i>	<i>2-4</i>	<i>300</i>	<i>4-6</i>	<i>0.2</i>	<i>1013.0</i>	<i>-2.2</i>	<i>-3.5</i>
12	<i>56°29.55'N 160°55.58'W</i>	<i>CL</i>	<i>8</i>	<i>350</i>	<i>10</i>	<i>3-4</i>	<i>300</i>	<i>6</i>	<i>0.0</i>	<i>1013.0</i>	<i>-2.0</i>	<i>-3.5</i>
13		<i>CL</i>										<i>-3.1</i>
14	<i>56°30.03'N 160°59.77'W</i>	<i>CL/S</i>	<i>8</i>	<i>315</i>	<i>7</i>	<i>3-4</i>	<i>300</i>	<i>8</i>	<i>0.0</i>	<i>1013.5</i>	<i>-3.4</i>	<i>-4.2</i>
15	<i>56°30.7'N 160°57.9'W</i>	<i>CL</i>	<i>8</i>	<i>300</i>	<i>10</i>	<i>3-4</i>	<i>300</i>	<i>6</i>	<i>0.2</i>	<i>1013.9</i>	<i>-1.5</i>	<i>-2.9</i>
16	<i>56°32.9'N 161°30.8'W</i>	<i>CL</i>	<i>8</i>	<i>320</i>	<i>10</i>	<i>3-4</i>	<i>330</i>	<i>2-3</i>	<i>0.8</i>	<i>1014.0</i>	<i>-1.0</i>	<i>-2.0</i>
17	<i>56°33.9'N 161°50.5'W</i>	<i>CL</i>	<i>8</i>	<i>315</i>	<i>10</i>	<i>3-4</i>	<i>340</i>	<i>1-2</i>	<i>0.8</i>	<i>1014.4</i>	<i>-1.0</i>	<i>-2.0</i>
18	<i>56°35.6'N 162°11.3'W</i>	<i>CL</i>	<i>8</i>	<i>332</i>	<i>12</i>	<i>3-4</i>	<i>340</i>	<i>1-2</i>	<i>0.1</i>	<i>1014.8</i>	<i>-1.0</i>	<i>-2.0</i>
19	<i>56°37.4'N 162°33.8'W</i>	<i>CL</i>	<i>8</i>	<i>332</i>	<i>12</i>	<i>3-4</i>	<i>340</i>	<i>1-2</i>	<i>0.5</i>	<i>1014.9</i>	<i>-1.9</i>	<i>-2.0</i>
20	<i>56°38.8'N 162°50.2'W</i>	<i>CL</i>	<i>8</i>	<i>332</i>	<i>12</i>	<i>3-4</i>	<i>342</i>	<i>1-2</i>	<i>0.5</i>	<i>1015.0</i>	<i>-1.9</i>	<i>-2.2</i>
21	<i>56°40.8'N 162°11.0'W</i>	<i>CL</i>	<i>8</i>	<i>328</i>	<i>14</i>	<i>3-4</i>	<i>275</i>	<i>1-2</i>	<i>0.8</i>	<i>1015.0</i>	<i>-1.9</i>	<i>-2.2</i>
22	<i>56°42.3'N 163°31.6'W</i>	<i>CL</i>	<i>8</i>	<i>330</i>	<i>14</i>	<i>3-4</i>	<i>275</i>	<i>1-2</i>	<i>1.2</i>	<i>1015.0</i>	<i>-1.9</i>	<i>-2.2</i>
23	<i>56°43.7'N 163°52.5'W</i>	<i>CL</i>	<i>7</i>	<i>350</i>	<i>11</i>	<i>3-4</i>	<i>/</i>	<i>/</i>	<i>0.7</i>	<i>1015.5</i>	<i>-1.9</i>	<i>-2.2</i>
24	<i>56°44.3'N 164°00.7'W</i>	<i>CL</i>	<i>7</i>	<i>351</i>	<i>11</i>	<i>3-4</i>	<i>/</i>	<i>/</i>	<i>1.1</i>	<i>1015.6</i>	<i>-2.1</i>	<i>-2.1</i>

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

24/MON

DATE

APRIL
12000

TIME ZONE

48

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°45.4'N 164°13.5'W	CL	7	310	7	3	/	/	0.7	1015.7	-2.1	-2.5
02	56°46.8'N 164°16.7'W	CL	7	356	7	/	/	/	0.7	1016.0	-4.2	-4.0
03	56°52.0'N 164°00.5'W	CL	7	350	5	/	/	/	0.3	1016.0	-4.1	-4.0
04	56°56.5'N 163°49.8'W	CL	7	025	6	2	-	-	0.4	1016.0	-4.1	-4.1
05	56°56.1'N 164°03.9'W	CL	7	012	12	2	/	/	0.2	1016.0	-2.0	-2.0
06	57°06.8'N 164°17.0'W	CL	7	010	10	2-3	/	/	0.2	1016.1	-4.0	-4.0
07	56°52.8'N 164°03.4'W	CL	7	000	8	3-5	-	-	0.3	1016.5	-4.0	-4.0
08	56°52.6'N 164°03.4'W	CL	7	000	12	3-5	-	-	0.3	1016.5	-2.0	-2.0
09	56°52.2'N 164°03.4'W	CL	10	000	12	3-5	-	-	0.3	1016.8	-4.3	-4.3
10	56°45.4'N 164°04.0'W	CL	10	020	12	2-4	-	-	0.9	1017.1	-3.8	-3.5
11	56°44.8'N 164°10.6'W	CL	10	035	14	2-4	56	-	1.5	1017.1	-3.9	-3.0
12	56°52.6'N 164°02.7'W	CL	10	040	15	2-4	40	4	1.0	1017.0	-3.3	-3.3
13	56°52.52'N 164°03.07'W	PC	10	350	12	3-5	40	4	0.33	1017.1	-2.1	-2.1
14	56°52.48'N 164°03.52'W	PC	10	342	14	3-5	000	5-6	0.34	1017.2	0.3	0.1
15	56°51.73'N 164°03.68'W	CL	10	358	17	6	/	/	0.4	1017.5	-2.1	-2.1
16	56°52.09'N 164°03.54'W	CL	10	010	14	3-5	010	4-6	0.4	1017.5	-2.6	-2.8
17	56°53.31'N 164°03.91'W	CL	10	348	14	3-5	010	2-3	0.3	1017.9	-2.5	-2.5
18	56°52.34'N 164°03.92'W	CL	10	000	16	3-5	000	3-4	0.4	1017.8	-2.2	-2.2
19	56°52.30'N 164°04.00'W	CL	10	358	14	3-5	000	3-4	0.4	1017.9	-3.0	-2.8
20	56°52.5'N 164°02.2'W	CL	7	000	13	3-5	/	/	0.6	1018.2	-2.3	-2.0
21	56°52.0'N 164°02.7'W	CL	7	355	15	2-4	/	/	0.4	1018.4	-2.3	-2.0
22	56°52.6'N 164°02.8'W	CL	7	356	14	2-4	/	/	0.4	1018.7	-1.0	-0.8
23	56°52.8'N 164°02.8'W	CL	7	350	12	2-4	/	/	0.4	1019.1	-0.3	-0.2
24	56°53.8'N 164°10.0'W	CL	7	360	80	3	/	/	0.3	1019.5	-0.5	-0.6

REMARKS

1000 wet bulb frozen

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP

MILLER FREEMAN

DAY

TUESDAY

DATE

25 APR 00

TIME ZONE

ZD+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 58.4 N 164 32.4 W	PC	7	000	13	—	—	—	-1.9	1026.0	-1.5	-1.5
02	57 02.3 N 164 51.3 W	PC	7	000	13	—	—	—	-1.9	1026.1	-1.5	-1.5
03	57 06.1 N 165 01.7 W	PC	7	000	10	—	—	—	-0.8	1026.1	-1.0	-1.4
04	57 10.8 N 165 00.3 W	PC	7	005	10	—	—	—	-0.7	1026.0	-1.0	-1.0
05	57 13.8 N 165 04.5 W	PC	7	342	07	—	—	—	-0.0	1026.5	-1.0	-1.0
06	57 19.7 N 166 06.8 W	PC	7	328	05	—	040	2-3	-0.1	1022.0	-1.0	-1.0
07	57 21.8 N 166 26.9 W	PC	7	307	3	—	040	2-3	-0.07	1021.9	-1.5	-1.5
08	57 25.9 N 166 46.2 W	7/8 light snow	7	170	02	—	050	2.	0.2	1022.2	-1.2	-1.0
09	57 29.6 N 167 03.8 W	CL Light Shade	7	320	17	—	322	2	1.0	1022.2	-1.0	-0.8
10	57 33.7 N 167 23.9 W	CL	7	315	20	1-2	313	2	1.2	1022.4	-1.5	-1.2
11	57 37.9 N 167 45.0 W	SP	10	325	14	2-4	—	—	0.4	1024.2	-2.3	-2.3
12	57 41.3 N 168 02.3 W	S	10	290	10	4	—	—	0.5	1024.3	-2.5	-2.5
13	57 44.9 N 168 22.3 W	CL	10	318	14	4-5	—	—	0.7	1025.0	-2.0	frozen
14	57 48.8 N 168 43.8 W	PC	10	307	16	4-5	—	—	0.9	1025.3	-1.8	frozen
15	57 50.5 N 168 50.8 W	PC	10	297	9	4-5	—	—	1.0	1025.5	-3.0	frozen
16	57 50.9 N 168 51.9 W	CL	10	300	10	4-5	—	—	1.0	1025.9	-2.1	frozen
17	57 50.8 N 168 52.0 W	CL	10	280	13	4-5	—	—	1.0	1025.9	-2.9	frozen
18	57 53.1 N 169 06.2 W	CL	10	293	12	4-5	—	—	0.9	1026.0	0.0	frozen
19	57 55.5 N 169 19.28 W	PC	10	240	05	4-5	—	—	0.9	1026.0	1.0	frozen
20	57 59.9 N 169 02.2 W	PC	10	240	07	3-4	280	1	0.9	1025.9	-1.2	-1.2
21	58 03.3 N 168 04.9 W	PC	10	210	08	3-4	282	1	1.8	1025.9	-1.2	-0.2
22	58 04.1 N 168 20.1 W	PC	7	230	06	1-2	300	1-3	0.4	1025.8	0.0	frozen
23	57 47.9 N 168 29.5 W	PC	7	195	12	1-2	284	1-3	0.7	1026.0	1.0	frozen
24	57 44.1 N 168 38.4 W	PC	7	190	12	1-2	—	—	0.9	1026.0	-0.3	-1.8

REMARKS

0100 wet bulb frozen 0800 wet bulb frozen 1600 wet bulb frozen.

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	WED.	26 APR 00	ZD+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°40.23'N 168°55.89'W	CL	8	190	11	5-6	/	/	1.1	1025.8	0.3	-0.7
02	57°40.23'N 168°55.89'W	CL (clear)	8	200	14	5-	/	/	1.1	1025.2	1.5	0.0
03	57°26.1'N 168°39.2'W	CL	8	200	12	5	/	/	1.3	1025.1	1.8	0.0
04	57°17.6'N 168°24.4'W	CL	8	181	16	3-5	/	/	1.5	1025.1	2.0	0.0
05	57°08.0'N 168°09.3'W	CL	8	177	13	3-5	/	/	1.7	1025.0	2.0	0.0
06	57°00.0'N 167°55.0'W	CL	8	190	12	3-5	/	/	1.9	1024.2	2.0	0.0
07	56°51.3'N 167°40.1'W	CL	8	194	14	3-5	/	/	2.0	1024.0	2.0	0.0
08	56°44.5'N 167°28.4'W	CL	7	190	14	3-5	185	1-3	2.1	1024.0	1.9	0.0
09	56°36.2'N 167°14.3'W	CL	7	190	18	3-5	170	1-3	2.3	1024.0	2.0	0.0
10	56°28.2'N 167°01.4'W	CL	7	160	16	3-5	161	2-3	2.4	1023.8	2.0	0.0
11	56°18.0'N 166°40.2'W	CL	7	145	18	3-5	-	-	2.6	1023.2	1.5	-0.5
12	56°13.7'N 166°32.1'W	CL	7	160	15	3-4	-	-	2.5	1023.0	1.7	-0.5
13	56°12.0'N 166°25.4'W	CL	7	140	19	6-7	/	/	2.6	1022.3	2.0	0.0
14	56°10.2'N 166°08.2'W	CL	7	162	19	7	/	/	2.3	1022.0	2.4	0.1
15	56°02.8'N 166°04.5'W	CL	7	138	20	7-8	/	/	2.5	1020.8	1.2	0.0
16	56°06.32'N 166°18.59'W	CL	8	140	20	5-6	/	/	2.7	1020.0	2.0	1.0
17	56°04.26'N 166°22.21'W	CL	8	135	26	5-6	/	/	2.7	1019.0	2.9	1.1
18	56°03.29'N 166°20.48'W	CL	8	137	20	6-8	/	/	2.7	1017.5	3.9	1.9
19	56°02.65'N 166°19.86'W	CL	8	135	22	6-8	/	/	2.6	1016.5	2.0	1.0
20	56°02.7'N 166°19.8'W	CL	7	120	21	6-8	/	/	2.5	1015.0	2.2	1.3
21	56°03.1'N 166°19.8'W	CL	7	130	24	6-8	/	/	2.4	1014.2	2.5	1.5
22	56°00.6'N 166°16.3'W	CL	7	145	25	6-8	150	6-8	2.6	1014.1	2.8	1.0
23	55°55.1'N 166°09.1'W	CL	7	130	32	8-10	/	/	2.4	1012.2	2.2	1.2
24	56°55.5'N 166°13.5'W	CL	4	140	30	8-10	/	/	2.4	1011.1	1.8	1.5

REMARKS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	THURSDAY	27 APR 00	+ 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	55° 57.6' N 166° 35.3' W	R	3	130	25	15	—	—	2.6	1007.9	2.1	1.7
02	55° 57.3' N 166° 36.1' W	R	3	130	25	13	—	—	2.6	1007.9	2.1	1.7
03	55° 58.1' N 166° 50.4' W	R	3	122	30	15	—	—	2.2	1006.0	2.2	2.0
04	55° 45.6' N 167° 04.7' W	R	3	130	28	15	—	—	2.7	1003.5	3.0	2.0
05	55° 42.9' N 167° 16.7' W	R	3	130	28	15	—	—	2.7	1002.0	3.0	2.0
06	55° 39.1' N 167° 26.2' W	R	3	140	28	15	—	—	2.7	1001.0	3.0	3.0
07	55° 32.6' N 167° 45.5' W	R	7	130	30	15	—	—	2.7	1000.0	4.0	3.0
08	55° 28.4' N 168° 01.4' W	R	4	165	30	15	—	—	3.5	999.0	4.2	4.0
09	55° 22.2' N 168° 10.8' W	CL	5	195	18	10	CONFUSED	4-6	3.8	999.1	4.0	3.8
10	55° 22.9' N 168° 11.8' W	CL	5	200	18	6-8	140	8-10	3.7	999.0	4.2	3.7
11	55° 22.7' N 168° 11.6' W	CL	5	202	16	6-8	215	8-10	3.7	999.7	5.0	4.2
12	55° 21.7' N 168° 14.8' W	CL	5	195	12	4-5	210	10	3.8	998.9	4.0	3.0
13	55° 21.7' N 168° 14.2' W	CL	5	205	12	5	210	10	3.8	998.8	4.5	3.5
14	55° 21.9' N 168° 16.0' W	PC	5	SOUTH	<10	3-4	140	10-12	3.8	998.8	6.5	5.1
15	55° 27.5' N 168° 11.9' W	CL	7	174	06	3-4	130	6-8	3.8	998.3	8.2	6.1
16	55° 17.0' N 168° 17.0' W	CL	8	136	08	3-4	—	—	3.8	998.0	3.2	2.2
17	55° 08.7' N 168° 26.8' W	CL	8	086	06	3-4	—	—	3.3	998.0	5.0	4.2
18	55° 06.7' N 168° 29.1' W	CL	8	VARIA	BLE	3-4	—	—	3.4	997.5	2.0	0.5
19	55° 06.4' N 168° 29.4' W	CL	8	VARIA	BLE	3-4	—	—	3.3	997.5	2.0	0.4
20	55° 01.5' N 168° 38.7' W	CL	7	075	08	3-4	160	1	3.5	997.5	5.0	4.2
21	54° 58.1' N 169° 44.7' W	5/8 CL	7	080	06	1/2-1	200/100	3-4	3.9	997.1	6.5	5.2
22	54° 55.5' N 168° 40.7' W	CL	7	090	07	<1	230/150	3-4	4.0	997.3	5.8	4.8
23	54° 50.4' N 168° 55.6' W	CL	7	040	08	1/2-1	205	3-4	3.9	997.1	5.0	4.8
24	54° 42.6' N 169° 07.9' W	CL	7	012	06	.5	200	3-4	3.9	997.8	6.0	5.0

REMARKS

2100 2 swells 120° and 200° each approx 3-4 ft

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	FRIDAY	28 APR. 00	+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 40.0 N 169 12.08 W	CL	10	010	10	1	200	3-4	3.8	997.9	4.1	3.7
02	54 03.1 N 169 14.0 W	CL	7	320	6	1	200	3-4	3.6	998.0	4.8	4.2
03	54 03.2 N 169 27.0 W	CL	7	333	12	1	200	3	3.2	998.1	5.0	4.6
04	54 02.1 N 169 46.8 W	CL	7	330	22	1	200	3	3.4	998.2	8.0	7.0
05	54 19.9 N 169 49.3 W	CL	7	355	13	1-2	*	*	3.3	998.9	4.5	3.6
06	54 17.8 N 169 49.7 W	CL	7	000	10	1-3	/	/	3.3	998.9	4.5	3.5
07	54 07.7 N 169 04.2 W	CL	7	330	14	1-2	/	/	3.8	999.2	5.5	4.2
08	54 02.0 N 169 34.3 W	CL	7	000	13	2-3	000	3-5	3.7	999.7	3.3	2.8
09	54 02.3 N 169 37.4 W	CL	7	000	14	3-4	000	2-3	3.5	1000.2	3.2	2.5
10	53 56.7 N 169 26.3 W	CL	7	000	14	2-4	000	2-3	3.6	1000.8	4.0	3.0
11	53 46.6 N 169 17.5 W	CL	7	335	17	2-4	-	-	3.9	1001.3	4.9	3.8
12	53 47.05 N 169 16.16 W	PC	7	350	14	5-6	/	/	4.0	1001.8	4.0	3.0
13	53 47.0 N 169 15.8 W	PC	7	335	14	5-6	/	/	3.9	1001.8	4.1	3.2
14	53 35.9 N 169 03.6 W	CL	7	335	16	3-4	350	3-4	3.5	1002.2	4.2	3.1
15	53 36.11 N 169 03.71 W	CL	7	340	16	5-6	/	/	3.6	1002.8	4.4	3.4
16	53 32.8 N 168 57.8 W	CL	7	320	18	2-3	/	/	3.8	1004.5	5.0	4.0
17	53 31.17 N 168 54.14 W	CL	8	335	16	4-5	/	/	3.8	1003.8	3.9	3.0
18	53 28.2 N 168 52.5 W	CL	8	330	18	4-5	/	/	3.9	1004.0	6.9	5.2
19	53 24.11 N 168 50.07 W	PC	8	340	16	4-5	/	/	3.9	1004.0	4.1	3.0
20	53 24.7 N 168 50.9 W	PC	7	320	10	3-5	/	/	4.0	1005.0	4.0	2.6
21	53 25.5 N 168 51.4 W	PC showers drizzle	7	310	10	3-5	/	/	4.0	1005.4	5.5	4.2
22	53 22.2 N 168 49.7 W	SW	12	300	09	3-4	/	/	3.9	1005.9	4.2	3.1
23	53 23.8 N 168 50.7 W	CL some showers	12	300	14	3-5	-	-	3.9	1006.3	4.7	2.9
24	NOT DONE DUE TO SCI OPS											

REMARKS

0500 THERE IS A SWELL! SMALL BUT CANT DISTINGUISH DIRECTION

0800 Light rain showers

DECK LOG - WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	SATURDAY	29 APR 00	+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	53° 25.0' N 168° 50.0' W	SW	3	305	8	3-4	/	/	4.0	1007.0	3.5	2.2
02	53° 21.8' N 168° 47.1' W	R	3	310	10	3-4	/	/	4.0	1007.0	3.5	2.2
03	53° 24.7' N 168° 36.0' W	CL	5	300	13	3-4	/	/	4.1	1007.0	3.5	2.5
04	53° 31.8' N 168° 43.7' W	CL	5	293	14	3-4	/	/	4.0	1006.5	4.0	3.0
05	53° 36.8' N 168° 07.7' W	CL	5	300	10	3-4	/	/	4.0	1006.0	3.9	2.9
06	53° 39.1' N 167° 48.2' W	CLS	5	297	10	3-4	/	/	4.1	1005.6	3.0	2.9
07	53° 43.4' N 167° 33.7' W	CL	5	282	10	1-2	/	/	4.0	1005.0	3.0	2.9
08	53° 50.4' N 167° 20.6' W	CL	7	310	12	1-2	320	1	4.0	1004.1	3.0	2.0
09	53° 58.6' N 167° 05.4' W	CL	7	278	14	1-2	265	1	4.0	1004.1	3.4	2.2
10	54° 06.1' N 166° 50.9' W	CL	7	287	14	2-4	285	1	3.7	1003.9	3.2	2.9
11	54° 15.5' N 166° 31.8' W	CL	7	278	14	2-4	320	1	3.9	1003.1	3.9	2.2
12	54° 22.9' N 166° 17.9' W	CL	7	265	10	2-3	240	1	3.3	1003.1	3.3	2.8
13	54° 29.8' N 165° 59.1' W	CL	7	260	10	2-3	235	1	3.7	1002.8	4.9	3.9
14	54° 28.1' N 165° 41.2' W	CL	7	260	05	2-3	230	1	3.7	1002.5	8.0	6.0
15	54° 26.1' N 165° 20.8' W	CL	10	273	15	4-5	WEST	6-7	3.6	1001.8	7.9	5.5
16	54° 24.2' N 165° 00.0' W	CL	10	280	04	2-3	270	1-2	2.9	1001.5	7.9	5.5
17	54° 23.1' N 164° 50.0' W	CL	10	300	08	2-3	320	1-2	2.9	1001.0	6.0	4.0
18	54° 22.3' N 164° 47.6' W	CL	10	300	10	2-3	—	—	2.9	1000.0	4.0	3.0
19	54° 21.5' N 164° 44.6' W	CL	10	300	12	2-3	—	—	3.0	999.0	4.0	3.0
20	54° 23.5' N 164° 31.2' W	CL	7	300	10	2-3	—	—	2.9	998.1	5.0	3.2
21	54° 26.8' N 164° 59.9' W	CL	7	290	08	2-3	270	3-5	3.0	998.1	3.0	2.0
22	54° 24.9' N 164° 58.4' W	CL	7	300	04	1-	310	2-4	3.1	998.0	3.5	2.5
23	54° 22.7' N 165° 16.6' W	CL	83	300	02	1/2	—	—	3.7	997.3	4.5	3.1
24	54° 21.3' N 165° 20.8' W	SW	1	300	01	1-2	/	/	3.7	996.8	4.1	2.9

REMARKS

DECK LOG – WEATHER OBSERVATION SHEET

NOAA SHIP	DAY	DATE	TIME ZONE
MILLER FREEMAN	SUNDAY	30 APR 00	+ 8

[illegible]

REMARKS