

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship <i>OKEANOS EXPLORER (R-337)</i>			TIME ZONE <i>-4</i>	DAY OF WEEK <i>TUESDAY</i>	DATE (dd mmm yyyy) <i>22 MAY 2018</i>									
TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE	LONGITUDE				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	/													
01	/													
02	/													
03	/													
04	/													
05	/													
06	/													
07	/													
08	/													
09	/													
10	/													
11	/													
12	<i>30° 22.8' N</i>	<i>081° 16.3' W</i>	<i>OVC</i>	<i>HZ</i>	<i>5</i>	<i>120</i>	<i>11</i>	<i>1020.0</i>	<i>1</i>	<i>120</i>	<i>2-3</i>	<i>—</i>	<i>25.2</i>	<i>24.0</i>
13	<i>30° 20.6</i>	<i>081° 08.4</i>	<i>OVC</i>		<i>8</i>	<i>140</i>	<i>10</i>	<i>1020.4</i>	<i>1</i>	<i>120</i>	<i>2-3</i>	<i>24.1</i>	<i>24.6</i>	<i>23.4</i>
14	<i>30° 19.0</i>	<i>080° 58.2</i>	<i>OVC</i>		<i>8</i>	<i>150</i>	<i>10</i>	<i>1020.2</i>	<i>1</i>	<i>120</i>	<i>3</i>	<i>23.9</i> <i>24.2</i>	<i>24.8</i>	<i>23.4</i>
15	<i>30° 16.7</i>	<i>080 45.4</i>	<i>OVC</i>		<i>8</i>	<i>160</i>	<i>11</i>	<i>1019.9</i>	<i>1</i>	<i>120</i>	<i>3</i>	<i>24.5</i>	<i>25.0</i>	<i>23.5</i>
16	<i>30 14.7</i>	<i>080 36.7</i>	<i>OVC</i>		<i>10</i>	<i>149</i>	<i>12</i>	<i>1019.5</i>	<i>1</i>	<i>117</i>	<i>3</i>	<i>24.5</i>	<i>26.0</i>	<i>24.5</i>
17	<i>30 12.1</i>	<i>080 25.5</i>	<i>OVC</i>		<i>10</i>	<i>166</i>	<i>12</i>	<i>1019.0</i>	<i>1</i>	<i>117</i>	<i>3-5</i>	<i>24.5</i>	<i>26.1</i>	<i>24.0</i>
18	<i>30 09.7</i>	<i>080 14.7</i>	<i>BKN</i>	<i>SQUALL</i>	<i>10</i>	<i>181</i>	<i>18</i>	<i>1019.1</i>	<i>1</i>	<i>117</i>	<i>3-5</i>	<i>24.5</i>	<i>26.1</i>	<i>24.0</i>
19	<i>30 07.5</i>	<i>080 05.2</i>	<i>BKN</i>		<i>10</i>	<i>158</i>	<i>19</i>	<i>1019.1</i>	<i>1-2</i>	<i>130</i>	<i>3-5</i>	<i>24.5</i>	<i>26.0</i>	<i>23.5</i>
20	<i>30° 05.4</i>	<i>079° 52.2</i>	<i>BKN</i>		<i>10</i>	<i>175</i>	<i>18</i>	<i>1019.3</i>	<i>2</i>	<i>120</i>	<i>4-5</i>	<i>27.0</i>	<i>26.0</i>	<i>22.7</i>
21	<i>30° 03.2</i>	<i>079° 46.6</i>	<i>FEW</i>		<i>10</i>	<i>175</i>	<i>17</i>	<i>1019.7</i>	<i>2</i>	<i>120</i>	<i>4</i>	<i>26.8</i>	<i>25.9</i>	<i>22.5</i>
22	<i>30° 00.8</i>	<i>079° 36.0</i>	<i>FEW</i>		<i>10</i>	<i>165</i>	<i>16</i>	<i>1020.3</i>	<i>2</i>	<i>120</i>	<i>4</i>	<i>26.6</i>	<i>25.6</i>	<i>22.7</i>
23	<i>29° 58.9</i>	<i>079° 27.9</i>	<i>FEW</i>		<i>10</i>	<i>170</i>	<i>15</i>	<i>1020.5</i>	<i>2</i>	<i>120</i>	<i>4</i>	<i>26.6</i>	<i>25.7</i>	<i>22.7</i>

0000 - 1100 IN PORT



DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) TIME ZONE -4 DAY OF WEEK WEDNESDAY DATE (dd mmm yyyy) 23 MAY 2018

TIME	POSITION		SKY CON- DITION	PRESENT WEATHER	VISI- BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE N	LONGITUDE W				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	29°56.2'	079°16.0'	SCT		10	160	13	1020.3	2	120/210	4	26.4	25.6	23.0
01	29°53.8'	079°05.3'	BKN		10	160	10	1020.3	2	120/210	4	26.4	25.5	22.5
02	29°51.3'	078°54.5'	BKN		10	150	10	1019.7	2	120/210	4	25.7	25.4	22.6
03	29°48.8'	078°43.8'	OVC		10	150	12	1019.4	2	120/210	4	26.1	25.3	22.7
04	29°46.4'	078°33.2'	BKN		10	160	11	1019.5	2	120/210	4	26.2	25.2	22.2
05	29°43.9'	078°22.4'	OVC		10	155	11	1019.7	2	120/210	4	25.0	25.0	22.5
06	29°41.4'	078°11.6'	OVC		9	170	11	1020.0	1	120	2-3	25.1	25.0	22.4
07	29°38.8'	078°00.0'	OVC		10	180	13	1020.7	1	130	3-4	25.2	25.1	22.5
08	29°36.1'	077°48.6'	BKN		10	165	12	1021.1	1-2	130	4	25.9	25.5	23.0
09	29°38.7'	077°41.9'	SCT		10	170	9	1021.7	1-2	130	4	25.9	26.3	23.9
10	29°47.3'	077°41.7'	BKN		10	155	9	1021.6	1-2	130	4	25.7	26.7	24.0
11	29°50.1'N	077°41.5'W	SCT		10	160	9	1021.9	1-2	130	3-4	25.3	26.9	24.5
12	30°03.8'N	077°41.3'	SCT		10	170	8	1022.0	1	140	3	25.7	26.4	23.0
13	29°59.7'N	077°39.6'	SCT		10	175	6	1021.4	1	140	2	25.5	25.5	22.8
14	29°49.9'N	077°39.8'	SCT		10	140	5	1021.2	1-2	140	3	25.9	27.7	23.9
15	29°41.2'	077°39.9'	FEW		10	120	7	1020.8	1	140	3	26.2	26.0	23.0
16	29°37.8'	077°38.1'	SCT		10	140	6	1020.1	1	140	3-4	26.4	26.8	24.8
17	29°46.5'	077°38.0'	SCT		10	148	6	1020.0	1	140	3	26.4	28.5	25.0
18	29°55.4'	077°37.8'	SCT		10	142	5	1020.0	1	140	3	26.4	28.9	25.0
19	30°04.5'	077°37.6'	SCT		10	160	8	1020.0	1	140	3	26.4	29.1	25.9
20	29°58.2'	077°35.9'	SCT		10	160	8	1020.0	1	140	3	26.0	25.3	22.8
21	29°49.0'	077°36.1'	SCT		10	155	9	1020.3	1	140	2-3	26.2	25.3	22.9
22	29°39.0'	077°36.3'	SCT		10	160	8	1020.5	1	140	2-3	26.3	25.3	22.9
23	29°39.2'	077°34.4'	SCT		10	180	10	1020.9	1	140	2-3	26.4	25.5	23.3

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NOAA Ship		OKEANOS EXPLORER (R-337)		TIME ZONE	-4		DAY OF WEEK	THURSDAY		DATE (dd mmm yyyy)			24 MAY 2018		
TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)			
	LATITUDE N	LONGITUDE W				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB	
00	29°48.3'	077°34.3'	BKN		10	185	12	1020.7	1	140	2-5	26.1	25.5	24.1	
01	29°56.9'	077°34.1'	BKN		10	190	10	1020.0	1	140	2-5	26.0	25.5	24.0	
02	30°04.9'N	077°33.5'W	SCT	RA	10	230	10	1019.7	1	140	2-5	25.8	25.3	23.9	
03	29°57.0'	077°32.2'	SCT			200	9	1019.2	1	140	2-5	25.9	25.2	23.5	
04	29°48.4'	077°32.4'	SCT		10	195	9	1019.4	1	140	2-5	26.1	25.1	22.7	
05	29°39.8'	077°32.6'	SCT		10	170	9	1019.4	1	140	2-5	26.1	25.3	22.9	
06	29°40.2'	077°30.7'	SCT		10	190	10	1019.9	1	140	2-3	26.1	25.1	23.0	
07	29°48.9'	077°30.5'	SCT		10	190	9	1020.5	1	140	2-3	26.1	25.4	23.3	
08	29°57.7'	077°30.3'	SCT OVC	SQ	5-10	220	16	1020.9	1-2	140	2-3	25.9	22.7	21.9	
09	30°04.0'	077°28.3'	BKN		10	130	7	1021.3	1	130	2-3	25.8	23.9	22.8	
10	29°55.2'	077°28.5'	BKN		10	080	5	1021.2	1	140	2-3	26.0	24.5	23.0	
11	29°46.0'	077°28.3'	SCT		10	175	4	1021.3	1	160/140	2 3/4	26.2	25.6	23.5	
12	29°38.2'	077°27.0'	SCT		10	226	3	1021.3	1	170	3	26.3	25.1	22.7	
13	29°42.3'	077°26.9'	SCT		10	200	3	1021.3	1	170	3	26.3	25.2	22.8	
14	29 51.7	077°26.7	SCT		10	075	2	1021.0	1	170	2	26.5	25.8	22.4	
15	30°01.2'	077°26.5'	SCT	DZ	10	135	5	1020.4	1	170	2	26.2	25.7	22.9	
16	30°00.2'	077 24.7	SCT	SQ	10	338	10	1020.0	1	170	2	26.2	25.0	23.5	
17	29 52.1	077 24.8	SCT	SQUALL	10	119	15	1019.9	1	172	2	26.2	24.5	22.1	
18	29 42.9	077 25.1	SCT		10	113	14	1019.9	1	170	2-4	26.1	25.1	23.0	
19	29 38.4	077 23.3	BKN		10	108	9	1019.9	1	170	2-4	26.2	26.0	24.0	
20	29°46.9'	077°23.1'	SCT		10	108	9	1019.7	1	170	2	26.5	25.3	22.6	
21	29°56.1'	077°22.9'	SCT		10	090	7	1020.0	1	170	2	26.4	25.3	22.7	
22	30°04.0'	077°21.8'	SCT		10	160	10	1020.3	1	170	2	26.3	25.4	22.7	
23	29°54.3'	077°21.1'	SFEW		10	125	8	1020.3	1	170	2	26.1	25.4	23.0	



DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship		OKEANOS EXPLORER (R-337)		TIME ZONE	-4		DAY OF WEEK	FRIDAY		DATE (dd mmm yyyy)			25 MAY 2018		
TIME	POSITION		SKY CONDITION	PRESENT WEATHER	VISIBILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)			
	LATITUDE N	LONGITUDE W				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB	
00	29° 47.6'	077° 21.2'	SCT		10	150	9	1020.3	1	170	4-2	26.3	26.0	23.5	
01	29° 39.0	077° 21.5	SCT		10	155	8	1019.9	1	170	2	26.5	25.7	23.6	
02	29° 42.4	077° 19.5	SCT		10	150	9	1019.3	1	170	2	26.3	25.4	23.7	
03	29° 51.1	077° 19.3	SCT		10	140	6	1019.0	1	170	2	26.0	25.4	23.7	
04	29° 59.7'	077° 19.1'	SCT		10	140	6	1018.8	1	170	2	26.0	25.1	22.8	
05	30° 00.9'	077° 17.2'	CLR		10	115	7	1018.7	1	170	2	26.0	25.0	22.8	
06	29° 52.3'	077° 17.4'	FEW		10	110	8	1019.1	1	170	1-2	26.0	25.0	22.5	
07	29° 43.8'	077° 17.6'	SCT		10	110	8.5	1019.3	1	170	1-2	26.4	25.2	23.0	
08	29° 37.8 ^N	077° 15.8 ^W	SCT		10	107	10	1019.5	1	120	1-2	26.3	26.1	24.2	
09	29° 38.2 ^{46.7}	077° 16.9 ^{15.7}	SCT		10	105	9	1020.0	1	150	2-3	26.2	26.2	24.2	
10	29° 55.3'	077° 15.5	SCT		10	120	8	1020.3	1	150	2-3	26.1	26.1	24.1	
11	30° 03.8'	077° 14.7'	SCT		10	115	9	1020.4	1	150	2-3	26.1	26.2	24.1	
12	29° 56.6	077° 13.6	FEW		10	100	12	1019.9	1	160	2	26.2	25.6	23.0	
13	29° 47.8	077° 13.8	FEW		10	110	12	1019.7	1	160	3	26.6	25.8	23.1	
14	29° 39.7	077° 13.9	FEW		10	125	12	1019.3	1	160	3	26.4	25.8	23.0	
15	29° 42.3	077° 12.1	SCT		10	110	11	1018.8	2	160	3	26.7	26.6	23.2	
16	29° 51.8	077° 11.8	SCT		10	150	10	1018.1	2	160	3	26.7	30.0	26.2	
17	30° 00.7'	077° 11.6	SCT		10	155	10	1017.6	2	160	3	26.3	27.1	23.2	
18	30° 08.8	077° 15.6	SCT		10	164	10	1017.0	2	160	3	26.3	28.5	25.0	
19	30° 17.9	077° 21.9	SCT		10	165	12	1017.0	2	160	3	26.3	27.5	24.2	
20	30° 28.1	077° 24.3	SCT		10	165	11	1018.0	2	160	3	26.3	25.9	22.2	
21	30° 38.3	077° 23.7	SCT		10	170	11	1018.1	2	160	3	25.9	25.7	22.6	
22	30° 49.8	077° 23.0	FEW		10	175	10	1018.5	2	160	3	25.7	25.4	22.8	
23	30° 57.4	077° 22.0	CLR		10	175	10	1018.6	2	160	3	25.4	25.3	23.1	

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship <i>OKEANOS EXPLORER (R-337)</i>				TIME ZONE <i>-4</i>	DAY OF WEEK <i>SATURDAY</i>	DATE (dd mmm yyyy) <i>26 MAY 2018</i>								
TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE N	LONGITUDE W				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	<i>31° 06.3</i>	<i>077° 22.2</i>	<i>SCT</i>		<i>10</i>	<i>175</i>	<i>9</i>	<i>1018.4</i>	<i><1</i>	<i>190</i>	<i>1-2</i>	<i>25.8</i>	<i>24.9</i>	<i>24.0</i>
01	<i>31° 14.4</i>	<i>077° 21.7</i>	<i>SCT</i>		<i>10</i>	<i>190</i>	<i>11</i>	<i>1018.1</i>	<i><1</i>	<i>190</i>	<i>1-2</i>	<i>26.6</i>	<i>24.8</i>	<i>23.6</i>
02	<i>31° 12.2</i>	<i>077° 19.0</i>	<i>SCT</i>		<i>10</i>	<i>185</i>	<i>8</i>	<i>1017.4</i>	<i><1</i>	<i>190</i>	<i>1-2</i>	<i>26.1</i>	<i>25.3</i>	<i>23.9</i>
03	<i>31° 03.6</i>	<i>077° 13.4</i>	<i>SCT</i>		<i>10</i>	<i>195</i>	<i>11</i>	<i>1016.9</i>	<i><1</i>	<i>190</i>	<i>1-2</i>	<i>25.4</i>	<i>25.3</i>	<i>23.8</i>
04	<i>30° 55.3</i>	<i>077° 19.9</i>	<i>SCT</i>		<i>10</i>	<i>195</i>	<i>9</i>	<i>1016.5</i>	<i><1</i>	<i>190</i>	<i>1-2</i>	<i>25.3</i>	<i>25.1</i>	<i>22.8</i>
05	<i>30° 52.6</i>	<i>077° 17.9</i>	<i>SCT</i>		<i>10</i>	<i>175</i>	<i>7</i>	<i>1017.0</i>	<i><1</i>	<i>190</i>	<i>1-2</i>	<i>25.4</i>	<i>24.9</i>	<i>22.4</i>
06	<i>31° 01.4</i>	<i>077° 17.5</i>	<i>SCT</i>		<i>10</i>	<i>170</i>	<i>7.5</i>	<i>1017.1</i>	<i><1</i>	<i>190</i>	<i>1-2</i>	<i>25.3</i>	<i>24.8</i>	<i>22.6</i>
07	<i>31° 09.8</i>	<i>077° 17.1</i>	<i>SCT</i>		<i>10</i>	<i>170</i>	<i>7.5</i>	<i>1018.0</i>	<i>1</i>	<i>190</i>	<i>2</i>	<i>25.7</i>	<i>25.3</i>	<i>22.6</i>
08	<i>31° 18.1</i>	<i>077° 16.7</i>	<i>SCT</i>		<i>10</i>	<i>160</i>	<i>8</i>	<i>1017.9</i>	<i>1</i>	<i>230</i>	<i>2-3</i>	<i>26.7</i>	<i>26.3</i>	<i>24.1</i>
09	<i>31° 19.5</i>	<i>077° 13.8</i>	<i>BKN</i>		<i>10</i>	<i>150</i>	<i>10</i>	<i>1018.3</i>	<i>1</i>	<i>200</i>	<i>2-3</i>	<i>26.6</i>	<i>25.8</i>	<i>23.4</i>
10	<i>31° 10.6</i>	<i>077° 14.2</i>	<i>BKN</i>		<i>10</i>	<i>160</i>	<i>10</i>	<i>1018.6</i>	<i>1</i>	<i>190</i>	<i>2-3</i>	<i>26.0</i>	<i>25.9</i>	<i>23.3</i>
11	<i>31° 02.5</i>	<i>077° 14.6</i>	<i>BKN</i>		<i>10</i>	<i>160</i>	<i>11</i>	<i>1018.6</i>	<i>1</i>	<i>170</i>	<i>2</i>	<i>25.4</i>	<i>25.8</i>	<i>23.4</i>
12	<i>30° 53.4</i>	<i>077° 15.1</i>	<i>SCT</i>		<i>10</i>	<i>130</i>	<i>12</i>	<i>1018.2</i>	<i>1</i>	<i>170</i>	<i>2</i>	<i>25.7</i>	<i>25.4</i>	<i>22.9</i>
13	<i>30° 51.8</i>	<i>077° 12.4</i>	<i>FEW</i>		<i>10</i>	<i>160</i>	<i>10</i>	<i>1018.1</i>	<i>1</i>	<i>170</i>	<i>2</i>	<i>25.6</i>	<i>26.3</i>	<i>22.5</i>
14	<i>31° 02.6</i>	<i>077° 11.8</i>	<i>FEW</i>		<i>10</i>	<i>165</i>	<i>10</i>	<i>1017.8</i>	<i>1</i>	<i>170</i>	<i>2</i>	<i>25.8</i>	<i>27.8</i>	<i>23.4</i>
15	<i>31° 09.7</i>	<i>077° 11.5</i>	<i>SCT</i>		<i>10</i>	<i>160</i>	<i>17</i>	<i>1017.3</i>	<i>1</i>	<i>170</i>	<i>2</i>	<i>25.9</i>	<i>27.4</i>	<i>23.3</i>
16	<i>31° 18.8</i>	<i>077° 11.0</i>	<i>SCT</i>		<i>10</i>	<i>161</i>	<i>11</i>	<i>1016.8</i>	<i>1</i>	<i>170</i>	<i>2</i>	<i>26.8</i>	<i>31.5</i>	<i>27.0</i>
17	<i>31° 26.6</i>	<i>077° 10.6</i>	<i>SCT</i>		<i>10</i>	<i>174</i>	<i>11</i>	<i>1016.8</i>	<i>1</i>	<i>170</i>	<i>2</i>	<i>26.8</i>	<i>33.5</i>	<i>28.2</i>
18	<i>31° 27.1</i>	<i>077° 07.9</i>	<i>SCT</i>		<i>10</i>	<i>155</i>	<i>15</i>	<i>1016.0</i>	<i>1</i>	<i>170</i>	<i>2</i>	<i>26.8</i>	<i>27.2</i>	<i>23.5</i>
19	<i>31° 19.4</i>	<i>077° 08.2</i>	<i>SCT</i>		<i>10</i>	<i>160</i>	<i>17</i>	<i>1016.2</i>	<i>1</i>	<i>165</i>	<i>2</i>	<i>26.7</i>	<i>26.0</i>	<i>22.9</i>
20	<i>31° 10.2</i>	<i>077° 06.7</i>	<i>FEW</i>		<i>10</i>	<i>145</i>	<i>15</i>	<i>1016.3</i>	<i>1</i>	<i>170</i>	<i>2</i>	<i>25.7</i>	<i>25.3</i>	<i>21.9</i>
21	<i>31° 01.7</i>	<i>077° 09.0</i>	<i>FEW</i>		<i>10</i>	<i>140</i>	<i>15</i>	<i>1016.4</i>	<i>1</i>	<i>170</i>	<i>2</i>	<i>25.5</i>	<i>25.4</i>	<i>21.8</i>
22	<i>30° 57.8</i>	<i>077° 06.3</i>	<i>FEW</i>		<i>10</i>	<i>150</i>	<i>11</i>	<i>1017.0</i>	<i>1</i>	<i>170</i>	<i>2</i>	<i>25.8</i>	<i>25.5</i>	<i>22.6</i>
23	<i>31° 07.1</i>	<i>077° 05.9</i>	<i>FEW</i>		<i>10</i>	<i>135</i>	<i>13</i>	<i>1017.1</i>	<i>1</i>	<i>170</i>	<i>2</i>	<i>25.6</i>	<i>24.9</i>	<i>22.6</i>



DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship			OCEANOS EXPLORER (R-337)		TIME ZONE	DAY OF WEEK		DATE (dd mmm yyyy)						
					-4	SUNDAY		27 MAY 2018						
TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE N	LONGITUDE W				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	31° 14.6	077° 05.0	BKN		10	135	11	1016.9	1	150	2	26.1	25.4	23.4
01	31° 22.9'	077° 05.2'	BKN		10	130	12	1016.5	1	150	2	26.6	25.6	23.6
02	31° 31.2'	077° 04.8'	BKN		10	130	8	1016.0	1	150	2	26.7	25.7	23.6
03	31° 40.5	077° 03.4	OVC		10	145	13	1015.6	1	150	2	26.7	25.7	23.8
04	31° 50.1'	077° 01.7'	OVC		10	150	12	1015.9	1	150	2	26.8	25.5	23.1
05	32° 00.0'	076° 59.0'	OVC		10	157	13	1015.6	1	150	2	26.7	25.3	23
06	32° 07.4'	076° 54.4'	BKN		10	165	14	1016.3	1	120 250	2-3	26.7	25.7	23.1
07	32° 14.8'	076° 49.6'	BKN		10	170	13	1016.8	1-2	120 250	2-3	26.8	25.8	23.3
08	32° 22.8'	076° 44.5'	OVC		10	180	18	1017.4	1-2	170	2-3	26.7	26.3	23.9
09	32° 30.7'	076° 39.2'	OVC	CH7 CM3 CL1	10	175	14	1018.0	1-2	160	2-3	26.8	26.6	24.2
10	32° 38.3'	076° 34.6'	OVC		10	160	13	1018.2	1-2	160	3	26.8	26.5	24.4
11	32° 46.2'	076° 29.9'	OVC		10	170	13	1018.3	1-2	145 160	3	27.0	26.5	24.8
12	32° 44.8	076° 27.1	OVC		10	150	19	1018.0	1-2	160	3-4	26.7	26.0	23.6
13	32° 37.7	076° 31.7	OVC		10	150	20	1017.7	2	160	4	26.9	26.2	23.6
14	32° 32.3	076° 35.2	OVC		10	150	22	1017.5	2	160	4	26.9	26.2	23.3
15	32° 24.6	076° 40.2	OVC		10	140	23	1017.2	2	160	4-5	26.8	26.2	23.4
16	32° 17.7	076° 44.6	OVC		10	144	25	1016.9	3	160	4-6	26.8	26.8	24.0
17	32° 11.1	076° 48.9	OVC		10	144	26	1016.5	3	160	4-7	26.7	26.8	24.1
18	32° 04.1	076° 53.3	OVC		10	142	26	1016.1	3-4	160	5-8	26.7	26.8	24.8
19	31° 57.3	076° 57.7	OVC		10	144	26	1016.0	3-4	160	5-8	26.7	26.2	24.8
20	31° 51.4	076° 58.2	OVC		10	165	18	1016.3	3-4	160	6-8	26.7	25.6	23.0
21	31° 59.4	076° 53.0	OVC		10	160	21	1016.4	3-4	160	6-8	26.7	26.0	23.8
22	32° 05.5	076° 49.1	OVC		10	160	20	1016.3	3-4	160	6-8	26.7	25.8	23.7
23	32° 12.9	076° 44.4	OVC		10	160	22	1016.2	3-4	160	6-8	26.7	26.1	23.8



DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship <u>OKEANOS EXPLORER (R-337)</u>						TIME ZONE <u>-4</u>	DAY OF WEEK <u>MONDAY</u>	DATE (dd mmm yyyy) <u>28 MAY 2018</u>						
TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE N	LONGITUDE W				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	32° 20.9	076° 39.2	OVC		10	165	16	1017.0	3-4	160	6-8	26.7	26.3	24.6
01	32° 28.8	076° 34.2	OVC		10	170	16	1016.9	3-4	160	6-8	26.7	26.3	24.8
02	32° 25.4 N	076° 29.2 W	OVC		10	140	19	1016.2	3-4	160	6-8	26.6	26.1	24.5
03	32° 19.9'	076° 32.8'	OVC		10	150	22	1015.7	3-4	160	6-8	26.6	26.0	24.3
04	32° 14.2'	076° 36.5'	OVC		10	140	23	1015.1	3-4	160	6-8	26.6	25.3	23.6
05	32° 09.1'	076° 39.8'	OVC	RA	9	130	22	1014.8	3-4	160	6-8	26.5	25.1	24.2
06	32° 04.1'	076° 43.0'	OVC		10	145	21	1014.8	3-4	160	7-9	26.6	25.2	23.1
07	31° 59.0'	076° 46.3'	OVC		10	145	25	1015.4	3-4	160	7-9	26.6	25.8	23.9
08	31° 53.8'	076° 44.7'	OVC		10	140	26	1016.0	3-4	170	7-9	26.6		
09	31° 50.8	076° 49.8'	OVC		8-10	160	17	1016.3	3-4	160	7-9	26.6	26.2	25.1
10	31° 57.2	076° 43.9'	OVC		10	160	17	1016.4	3-4	160	7-9	26.7	26.4	25.2
11	32° 04.1'	076° 39.8'	OVC		10	160	19	1016.5	3-4	160	6-8	26.6	26.7	25.2
12	32° 06.6	076° 37.1	OVC		10	160	28	1016.2	3-4	160	6-8	26.5	26.9	26.5
13	32° 01.4	076° 37.2	OVC		10	160	22	1016.4	3-4	160	6-8	26.6	26.2	24.5
14	31° 55.9	076° 36.9	OVC		10	165	20	1016.6	3-4	160	6-8	26.8	27.0	24.8
15	32° 06.1	076° 32.5	OVC		10	165	23	1016.4	3-4	160	6-8	26.8	27.4	24.6
16	32° 11.9	076° 30.0	OVC		10	175	25	1016.4	3-4	160	6-8	26.8	29.9	26.5
17	32° 20.4	076° 26.4	OVC		10	174	24	1016.1	3-4	160	6-8	26.8	29.9	26.3
18	32° 28.8	076° 22.7	OVC		10	184	21	1016.1	3-4	160	6-8	26.8	29.0	26.0
19	32° 25.1	076° 21.4	OVC		10	170	25	1016.1	3-4	165	7-9	26.8	26.5	25.0
20	32° 18.0	076° 24.4	OVC		10	180	25	1017.0	3	170	7-8	26.8	26.0	24.1
21	32° 11.2	076° 27.5	OVC		10	170	20	1016.6	3	170	8	26.7	26.1	24.1
22	32° 03.1	076° 30.8	OVC		10	175	22	1017.2	3	170	8	26.6	25.9	24.4
23	31° 54.6	076° 34.4	OVC		10	170	21	1017.1	3	170	8	26.6	25.8	24.2



DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <u>OKEANOS EXPLORER (R-337)</u>					TIME ZONE <u>-4</u>	DAY OF WEEK <u>TUESDAY</u>	DATE (dd mmm yyyy) <u>29 MAY 2018</u>							
TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE N	LONGITUDE W				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	31° 58.4	076° 29.8	OVC		10	160	21	1017.5	3	170	8	26.4	26.0	25.3
01	32° 06.0	076° 26.5	OVC		10	170	20	1017.2	3	170	8	26.5	26.0	25.4
02	32° 13.5	076° 23.3	OVC		10	170	20	1017.0	3	170	8	26.7	26.2	25.4
03	32° 21.5	076° 19.9	OVC		10	170	20	1016.8	3	170	7-8	26.8	26.3	25.5
04	32° 15.9	076° 19.1	OVC		10	165	19	1016.5	3	170	7-8	26.7	25.7	24.2
05	32° 10.1	076° 21.6	OVC		10	170	20	1016.2	3	170	7-8	26.4	25.6	24.1
06	32° 04.4	076° 24.1	OVC		10	170	19	1016.5	3	170	7-8	26.2	25.6	23.9
07	31° 59.0	076° 26.5	OVC		10	165	20	1016.8	3	170	6-8	25.8	25.6	24.0
08	31° 53.8N	076° 28.6W	OVC		10	180	19	1016.8	3	170	6-8	25.9	26.0	25.0
09	31° 57.2	076° 24.1	OVC		10	185	20	1017.6	3	170	6-8	25.9	26.1	25.0
10	32° 04.9	076° 20.8	OVC		10	195	15	1018.2	2-3	170	5-6	25.8	26.6	25.5
11	32° 12.9 N	076° 17.6W	BKN		10	190	16	1018.5	2-3	170 140	5-6	26.0	27.1	25.5
12	32° 07.8	076° 16.5	BKN		10	185	19	1018.2	2-3	140	5-6	25.8	26.8	24.8
13	32° 01.9	076° 19.1	OVC		10	2190	18	1018.0	2-3	170	5-6	25.9	26.5	25.0
14	31° 55.7	076° 21.9	OVC		10	190	16	1018.4	2-3	170	5	25.9	25.9	24.1
15	31° 48.8	076° 26.4	OVC		10	180	19	1017.7	2-3	170	5	25.8	26.2	24.1
16	31° 51.9	076° 30.4	OVC		10	196	11	1017.2	2-3	170	5	26.5	26.5	25.0
17	31° 54.8	076° 45.8	OVC		10	162	14	1016.2	2-3	170	5	26.7	26.5	25.0
18	31° 57.9	076° 55.9	OVC		10	176	15	1016.1	2-3	170	5-6	26.6	26.8	25.0
19	32° 01.3	077° 07.2	OVC		10	171	14	1016.5	2-3	170	5-6	26.7	26.8	25.0
20	32° 03.7	077° 14.7	OVC		10	161	13	1016.5	2-3	170	5-6	26.6	26.0	24.5
21	31° 57.5	077° 18.1	OVC		10	160	15	1017.1	2-3	170	5	26.6	26.1	24.6
22	31° 49.2	077° 19.5	OVC		10	150	16	1017.6	2-3	170	5	26.6	26.1	24.6
23	31° 45.9	077° 22.1	OVC		10	170	16	1018.0	2-3	170	5	26.6	26.2	24.8

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship		OKEANOS EXPLORER (R-337)		TIME ZONE	-4		DAY OF WEEK	WEDNESDAY		DATE (dd mmm yyyy)	30 MAY 2018			
TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE N	LONGITUDE W				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	31°56.1'	077°20.6'	OVC		10	170	17	1017.5	2	170	5	26.5	26.3	25.7
01	32°04.4'	077°19.9'	BKN		10	160	12	1017.4	2	170	5	26.9	26.5	25.0
02	31°58.1'	077°21.9'	BKN		10	185	22	1016.8	2	170	5	26.5	26.3	24.8
03	31°50.2'	077°23.2'	BKN		10	180	19	1016.5	2	170	5	26.5	26.3	25.0
04	31°45.8'	077°26.1'	BKN		10	180	18	1016.1	2	170	5	26.4	26.8	24.9
05	31°53.9'	077°24.6'	BKN		10	180	19	1016.5	2	170	5	26.5	26.1	24.4
06	32°02.7'	077°23.3'	OVC		10	195	19	1016.8	2	170	3-5	27.1	26.4	24.9
07	32°01.7'	077°25.5'	BKN		10	195	21	1017.1	2	170	4-5	27.1	26.3	24.6
08	31°55.3'	077°26.5'	BKN		10	195	24	1017.9	2	170	4-5	26.7		
09	31°51.7'	077°29.3'	BKN		10	200	17	1018.2	2	170	4-5	26.7	27.0	25.6
10	32°00.5'	077 ^{27.8} 28	BKN		10	215	18	1018.7	2	180 240	4-5	27.1	27.1	25.7
11	32°06.3'	077°30.3'	SCC		10	200	18	1018.6	2	180 240	4	27.2	27.2	25.5
12	32°10.1'	077°37.1'	OVC		10	260	8	1018.7	2	170	4	26.0	25.1	23.3
13														
14	32°08.7'	077°51.0'	BKN		10	240	5	1018.2	2	170	4	25.4	25.8	23.8
15	32°05.0'	077°58.2'	BKN		10	206	13	1017.8	2	170	4	26.2	26.6	22.9
16	32°03.1'	078°01.7'	OVC		10	212	12	1016.9	2	170	3-4	26.9	26.0	24.0
17	32°03.2'	077°58.6'	OVC		10	206	9	1017.0	2	170	3-4	26.9	26.5	25.0
18	32°08.1'	077°49.0'	OVC		10	211	8	1016.9	2	170	3-4	25.5	26.9	25.0
19	32°11.6'	077°41.1'	BKN		10	190	8	1017.0	2	170	3-4	24.9	27.0	24.5
20	32°07.5'	077°47.4'	BKN		10	175	11	1017.0	2	170	3-4	25.6	25.9	24.0
21	32°05.2'	077°51.8'	BKN		10	190	11	1016.9	2	170	3	26.6	25.9	24.0
22	32°02.6'	077°56.7'	BKN		10	160	13	1017.1	2	170	3	27.1	26.6	24.2
23	31°58.6'	078°03.1'	BKN		10	200	15	1016.6	2	170	3	27.1	26.6	24.2

1300 FIRE DRILL

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) TIME ZONE -4 DAY OF WEEK THURSDAY DATE (dd mmm yyyy) 31 MAY 2018

TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE N	LONGITUDE W				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	32° 01.7'	077° 55.5'	BKN		10	185	14	1016.5	2	170	3	27.1	26.5	25.5
01	32° 06.3'	077° 46.5'	BKN		10	190	17	1016.8	2	170	3	26.8	26.7	25.7
02	32° 10.3'	077° 37.9'	BKN		10	185	15	1016.4	2	170	3	26.5	26.5	24.8
03	32° 07.7'	077° 40.8'	BKN		10	190	19	1016.2	2	170	3	26.7	26.6	25.0
04	32° 05.3'	077° 45.5'	BKN		10	190	17	1016.3	2	170	3	26.9	26.2	24.3
05	32° 02.6'	077° 50.6'	BKN		10	185	16	1016.4	2	170	3	27.1	26.3	24.4
06	32° 59.6'	077° 56.3'	BKN		10	180	17	1016.3	2	170	3	27.2	26.3	24.5
07	31° 57.1'	078° 00.2'	BKN		10	195	17	1016.5	2	170	3	27.2	26.4	24.8
08	32° 00.7'	077° 51.2'	BKN		10	200	12	1017.4	2	165	3	27.1	26.7	25.7
09	32° 05.3'	077° 42.5'	BKN		10	195	13	1017.7	1-2	165	3	27.0	27.0	25.8
10	32° 08.0'	077° 34.2'	BKN		10	180	19	1017.6	1-2	165	3	27.1	27.0	25.1
11	32° 05.2'	077° 39.5'	BKN		10	190	16	1017.6	1-2	165	3	27.2	26.9	25.0
12	32° 02.0'	077° 46.7'	BKN		10	180	18	1017.7	1-2	170	3	27.3	26.4	24.6
13	31° 59.4'	077° 50.6'	BKN		10	210	8	1017.7	1-2	170	3	27.3	23.7	23.5
14	31° 57.2'	077° 51.2'	BKN		10	215	7	1017.8	1-2	170	3	27.2	23.6	23.6
15	32° 01.3'	077° 43.9'	BKN		10	215	11	1017.1	1-2	160	3	27.2	25.6	23.8
16	32° 06.3' 32° 06.3'	077° 34.2'	BKN		10	211	10.6	1016.9	1-2	160	3	27.3	27.0 26.0	26.0 27
17	32° 05.9'	077° 35.9'	BKN		10	193	17	1016.0	1-2	160	3	27.3	26.5	24.5
18	32° 00.8'	077° 41.8'	BKN		10	192	18	1015.0	1-2	160	3	27.3	27.9	25.5
19	31° 57.5'	077° 47.9'	BKN		10	193	21	1015.1	1-2	160	3	27.3	27.0	25.5
20	31° 59.2'	077° 41.9'	BKN		10	205	17	1015.5	1-2	160	3	27.3	26.5	24.3
21	32° 04.1'	077° 32.6'	BKN		10	210	16	1015.9	1-2	160	3	27.3	26.2	24.2
22	32° 03.3'	077° 30.9'	BKN		10	200	18	1015.8	1-2	160	3	27.2	26.3	24.3
23	31° 59.6'	077° 38.1'	Few		10	240	20	1016.5	1-2	160	3	27.2	26.0	24.6