

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337)      TIME ZONE -4      DAY OF WEEK WEDNESDAY      DATE (dd mmm yyyy) 09 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	<u>24</u>									<u>070</u>				
01														
02														
03														
04														
05														
06														
07														
08														
09														
10														
11														
12														
13														
14	<u>24°24.3</u>	<u>081°48.0</u>	<u>FEW</u>		<u>10</u>	<u>080</u>	<u>17</u>	<u>1017.1</u>	<u>1-2</u>	<u>070</u>	<u>2-3</u>	<u>26.2</u>	<u>26.9</u>	<u>23.6</u>
15	<u>24</u>													
16	<u>24°24.9N</u>	<u>081°48.0</u>	<u>SCT</u>		<u>10</u>	<u>080</u>	<u>16</u>	<u>1014.5</u>	<u>1-2</u>	<u>070</u>	<u>2-3</u>	<u>26.3</u>	<u>26.5</u>	<u>21.7</u>
17	<u>24°24.4N</u>	<u>081°48.0W</u>	<u>SCT</u>		<u>10</u>	<u>100</u>	<u>16</u>	<u>1013.7</u>	<u>1-2</u>	<u>070</u>	<u>2-3</u>	<u>26.3</u>	<u>26.3</u>	<u>22.0</u>
18	<u>24°24.6N</u>	<u>081°47.4</u>	<u>FEW</u>		<u>10</u>	<u>100</u>	<u>16</u>	<u>1013.7</u>	<u>1-2</u>	<u>075</u>	<u>2</u>	<u>26.3</u>	<u>26.0</u>	<u>21.4</u>
19	<u>24°27.6N</u>	<u>081°55.9W</u>	<u>SCT</u>		<u>10</u>	<u>085</u>	<u>15</u>	<u>1014.5</u>	<u>1-2</u>	<u>075</u>	<u>2-3</u>	<u>25.8</u>	<u>26.7</u>	<u>21.8</u>
20	<u>24°19.6'N</u>	<u>082°01.9'W</u>	<u>SCT</u>		<u>10</u>	<u>085</u>	<u>14</u>	<u>1014.8</u>	<u>1-2</u>	<u>075</u>	<u>3</u>	<u>26.5</u>	<u>26.0</u>	<u>22.1</u>
21	<u>24°17.8'N</u>	<u>082°08.7'W</u>	<u>SCT</u>		<u>10</u>	<u>070</u>	<u>13</u>	<u>1015.1</u>	<u>1-2</u>	<u>075</u>	<u>3</u>	<u>26.5</u>	<u>26.7</u>	<u>22.1</u>
22	<u>24°17.6'N</u>	<u>082°15.4'W</u>	<u>FEW</u>		<u>10</u>	<u>085</u>	<u>16</u>	<u>1015.8</u>	<u>1-2</u>	<u>075</u>	<u>3</u>	<u>26.3</u>	<u>26.4</u>	<u>22.2</u>
23	<u>24°17.3'N</u>	<u>082°22.6'W</u>	<u>FEW</u>		<u>10</u>	<u>090</u>	<u>18</u>	<u>1016.0</u>	<u>1-2</u>	<u>075</u>	<u>3</u>	<u>26.4</u>	<u>26.2</u>	<u>22.7</u>

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship		OKEANOS EXPLORER (R337)		TIME ZONE	-4		DAY OF WEEK	THURSDAY		DATE (dd mmm yyyy)	10 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	24° 17.0'	082° 29.8	FEW		10	090	21	1018.0	1-2	070	3.4	26.3	26.0	23.4
01	24° 16.7'	082° 36.9	FEW		10	095	21	1017.5	1-2	070	3.4	26.3	26.1	23.6
02	24° 16.5'	082° 44.9'	FEW		10	085	17	1017.1	1-2	070	3.4	26.3	25.8	23.4
03	24° 16.4'	082° 53.0	FEW		10	080	21	1016.4	1-2	070	3.4	26.5	25.7	23.3
04	24° 16.5'N	083° 04.7'W	FEW		10	080	18	1014.6	1-2	070	3.4	26.5	26.6	22.5
05	24° 17.8'N	083° 10.3'W	FEW		10	085	18	1014.0	1-2	070	3.4	26.5	26.3	22.5
06	24° 26.5'N	083° 10.8'W	FEW		10	095	17	1014.6	1-2	070	3	26.2	25.4	22.7
07	24° 36.4	083° 10.4	FEW		10	098	15	1015.5	2	070	3.4	25.5	25.2	22.9
08	24° 46.1'N	083° 10.0'W	BKN		10	095	17	1015.5	2	070	3.4	25.4	25.4	22.7
09	24° 55.9'N	083° 09.6'W	BKN		10	074	16	1016.6	2	075	3.4	25.1	25.1	22.4
10	25° 05.3'N	083° 09.3'W	BKN		10	070	16.5	1016.9	2	075	3	25.1	24.9	22.0
11	25° 13.8'N	083° 13.1'W	OVC	FM VC	8	065	18	1017.4	1	075	2-3	24.9	24.5	21.8
12	25° 22.6'	083° 19.3'	OVC		8	070	17	1019.4	1	060	2	24.6	24.9	22.3
13	25° 31.6'	083° 20.6'												*
14	25° 41.1'	083° 24.0'	OVC		10	070	17	1018.9	1	060	2-3	25.1	24.7	22.2
15	25° 50.6'	083° 27.5'	OVC		10	060	15	1018.3	1	070	2-3	24.9	24.5	22.2
16	26° 00.0'N	083° 31.5'W	OVC		10	060	13	1016.6	1	070	2-3	24.4	23.9	21.1
17	26° 08.9'	083° 34.1'	OVC		10	070	12	1016.2	1	120	2	24.5	23.9	20.9
18	26° 18.4'	083° 37.5'	OVC		10	055	10	1016.1	1	110	2	24.2	24.0	20.5
19	26° 27.9'	083° 41.0'	OVC		10	035	11	1016.4	1	110	2	24.6	23.7	20.8
20	26° 38.4'N	083° 44.8'W	BKN		10	040	11	1016.5	1	110	2	24.1	23.9	20.5
21	26° 48.0'N	083° 48.3'W	BKN		10	040	9	1016.9	1	110	2	24.4	23.9	20.8
22	26° 57.8'N	083° 51.9'W	SCT		10	040	12	1016.9	1	110	2	24.6	24.0	21.4
23	27° 07.6'N	083° 55.4'W	CLR		10	040	10	1017.9	1	110	2	24.5	24.0	21.7

\* 1300 DRILLS



### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) TIME ZONE -4 DAY OF WEEK FRIDAY DATE (dd mmm yyyy) 11 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	27° 16.9	083° 58.9'	FEW		10	030	9	1019.7	1	110	2	24.3	24.3	22.4
01	27° 26.6'	084° 02.4'	FEW		10	030	7	1019.7	1	110	2	24.5	24.3	22.3
02	27° 35.8'	084° 05.9'	FEW		10	025	7	1019.4	1	110	2	24.0	24.0	22.5
03	27° 45.3'	084° 09.4'	FEW		10	005	6	1019.1	1	110	2	24.2	24.2	23.0
04	27° 54.6N	084° 12.9W	FEW		10	030	7	1017.2	1	110	2	24.6	24.1	22.0
05	28 04.5	084 16.6	CLR		10	030	9	1017.5	1	110	2	24.1	23.8	22.2
06	28 13.7	084 20.1	CLR		10	030	9	1017.6	<1	-	1	23.9	23.8	22.3
07	28° 22.7N	084° 23.5W	SCT		10	060	6	1018.0	<1	-	1	-	23.5	22.7
08	28° 30.6N	084° 26.5W	FEW		10	065	6	1020.0	<1	160	1	-	23.9	22.7
09	28° 31.2'N	084° 26.4'	FEW		10	090	6	1020.5	<1	160	<1	23.9	24.3	22.2
10	28° 31.3'N	084° 26.6'W	FEW		10	075	5.5	1019.3	<1	160	<1	23.9	24.3	21.8
11	28° 30.6'N	084° 30.2'W	FEW		10	080	6	1019.5	<1	160	<1	23.8	24.3	21.6
12	28° 29.5'N	084° 39.1'W	FEW		10	060	5	1021.3	<1	160	1	24.4	25.5	22.7
13	28° 29.2'	084° 40.1'	FEW		10	075	6	1021.0	<1	160	1	24.6	-	-
14	28° 29.1'	084° 42.9'	FEW		10	065	7	1020.7	<1	160	1	24.2	25.7	22.5
15	28° 27.9'	084° 51.4'	FEW		10	080	5	1020.0	<1	160	1	24.7	25.5	22.4
16	28° 28.5N	084° 51.3W	SCT		10	060	7	1017.6	<1	160	1	23.4	25.0	21.3
17	28° 31.2	084° 54.8	FEW		10	090	5	1016.9	<1	-	1	24.6	25.2	21.7
18	28° 33.1N	084° 57.6W	FG W		10	080	7	1016.9	<1	-	1	24.7	25.1	21.3
19	28° 37.5	085° 06.9	FEW		10	084	7	1016.9	<1	N/A	<1	24.9	25.1	21.5
20	28° 42.6N	085° 17.7	SCT		10	115	4	1016.9	<1	-	<1	23.8	24.8	21.8
21	28° 47.6'N	085° 28.2'W	FEW		10	160	4.5	1016.9	<1	-	<1	22.1	24.5	22.1
22	28° 52.1'N	085° 37.9'W	FEW		10	180	7.5	1017.5	<1	-	<1	25.4	24.8	21.7
23	28° 56.9'N	085° 48.2'W	FEW		10	185	9	1018.0	<1	-	<1	25.8	25.2	21.6

0900 - 0900 USED SHIP BAROMETER ON BRIDGE

### DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship **OKEANOS EXPLORER (R-337)** TIME ZONE **-4** DAY OF WEEK **SATURDAY** DATE (dd mmm yyyy) **12 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° 01.7'	085° 58.5'	FEW		10	195	5	1019.7	<1	-	<1	26.4	25.6	21.7
01	29° 06.2'	086° 08.2'	SCT		10	200	3	1019.3	<1	-	<1	25.8	25.5	21.8
02	29° 11.0'	086° 18.4'	FEW		10	225	4	1018.8	<1	-	<1	25.8	25.5	22.5
03	29° 15.6'	086° 28.4'	FEW		10	29 <sup>VAR</sup>	LT	1018.3	<1	-	<1	25.9	25.0	21.5
04	29° 21.3'N	086° 40.6'	CLR		10	VAR	LT	1016.7	<1	-	<1	25.9	25.3	25.9
05	29 25.2	086 49.1	CLR		10	050	2	1016.8	<1	-	<1	24.6	24.6	22.2
06	29° 26.7'N	086° 57.9'W	CLR		10	090	6	1016.9	<1	-	<1	24.8	24.4	22.2
07	29° 31.9'N	087° 03.5'	FEW		10	090	6	1017.5	<1	-	<1	26.4	24.7	26.4
08	29° 36.8'N	087° 13.9'W	FEW		10	130	7.5	1018.1	<1	185	1	26.13	25.2	22.2
09	29° 40.2'N	087° 20.8'W	FEW		10	115	5	1019.1	<1	-	<1	25.4	25.5	22.7
10	29° 40.0'N	087° 21.0'W	FEW		10	105	7	1019.6	<1	185	<1	25.9	26.6	20.8
11	29° 41.4'	087° 24.2'	FEW		10	105	9	1019.7	1	185	1	25.8	26.3	22.0
12	29° 44.7'	087° 30.1'	FEW		10	105	6	1021.4	1	165	2	26.2	26.1	23.2
13	29° 47.6'	087° 30.7'	FEW		10	110	9	1020.9	1	165	2	26.3	25.5	23.7
14	29° 46.7'	087° 28.4'	FEW		10	100	10	1020.3	1	165	2	26.1	26.0	21.6
15														*
16	29-52.4N	087-22.8W	FEW		10	110	7	1017.8	1	165	2	26.3	25.6	22.6
17	29 52.9	087 23.6	CLR		10	100	7	1017.6	1	150	1	25.9	25.7	22.3
18	<del>29 55.7</del> 29 53.0	<del>087 23.5</del> 087 23.7	FEW		10	075	7	1017.1	1	150	1	25.8	26.0	22.0
19	29 49.0	087 24.9	CLR		10	090	8	1016.6	1	170	2	25.9	26.4	21.4
20	29° 39.7' N	087° 26.4' W	CLR		10	080	7	1016.6	1	170	2	26.7	25.9	22.5
21	29° 31.2' N	087° 28.3' W	CLR		10	120	6	1016.9	1	170	2	26.7	26.0	22.5
22	29° 22.4' N	087° 30.3' W	CLR		10	130	5	1016.9	1	170	2	25.9	25.8	22.4
23	29° 13.4' N	087° 31.9' W	CLR		10	100	6	1017.2	1	170	2-3	25.8	25.3	23.0

\* OPS/ENG ISSUE



### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <u>OKEANOS EXPLORER (R-337)</u>						TIME ZONE <u>-4</u>	DAY OF WEEK <u>SUNDAY</u>	DATE (dd mmm yyyy) <u>13 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	29°04.3	087°33.1'	CLR		10	125	7	1018.6	1	170	2-3	25.4	25.4	24.0
01	28°55.0'	087°34.3'	CLR		10	120	10	1018.5	1	170	2-3	25.5	25.4	23.5
02	28°45.9'	087°35.5'	CLR		10	140	10	1017.9	1	170	2-3	25.2	25.1	23.3
03	28°37.5'	087°38.9'	CLR		10	130	10	1017.1	1	170	2-3	25.4	25.1	23.3
04	28°30.2'N	087°44.3'W	CLR		10	115	10	1015.4	1	170	2-3	25.4	24.7	23.3
05	28°34.9'N	087°44.4'W	CLR		10	120	9	1015.4	1	170	2-3	25.3	24.8	22.3
06	28°45.3	087°39.8	CLR		10	117	6	1015.5	1	170	2-3	25.3	24.9	22.0
07	28°37.9	087°45.9	CLR		10	100	8	1016.0	1	170	2-3	25.0	24.8	22.2
08	28°37.9'N	087°51.5'W	CLR		10	100	9	1016.5	1	155	2-3	25.2	24.9	22.3
09	28°41.2'W	087°52.0'W	CLR		10	115	5.5	1017.3	1	155	1-2	25.2	25.3	22.2
10	28°41.5'N	087°52.7'W	CLR		10	054	3	1018.1	1	150	1-2	25.2	26.6	23.0
11	28°36.1'N	087°47.3'W	CLR		10	050	8	1018.1	1	150	1	25.1	25.2	22.5
12	28°34.2	087°45.1	CLR		10	050	7	1019.7	1	125	2	25.4	25.9	23.3
13	28°34.2'	087°45.3'	CLR		10	065	4	1019.7	1	150	2	25.2	26.3	23.7
14	28°28.9'	087°39.8	CLR		10	030	6	1018.8	1	140	2-3	25.5	26.9	23.8
15	28°27.0'	087°39.1'	CLR		10	040	5	1018.3	1	160	3-4	25.4	26.5	22.5
16	28°26.6'N	087°39.7'W	CLR		10	045	7	1017.4 1015.7	1	160	3-4	26.0	26.2	21.1
17	28°23.9'N	087°34.7	CLR		10	025	5	1017.0	1	160	4-5	26.0	26.5	20.1
18	28°21.1'N	087°31.3'W	CLR		10	020	6	1016.3	1	160	4-5	25.8	26.3	19.9
19	28°14.8'N	087°24.5'W	FEW		10	045	6	1014.1	1	150	4-5	25.4	25.9	20.6
20	28°06.3'N	087°15.2	CLR		10	047	9	1014.7	1	150	4-5	25.4	25.9	20.6
21	28°01.0'N	087°09.5'W	CLR		10	048	10.5	1014.7	1	150	2-3	26	26	20.7
22	27°54.7'N	087°03.1'W	CLR		10	040	12.9	1014.9	1	150	2-3	25.8	25.5	20.8
23	27°48.2'N	086°56.5'W	CLR		10	040	14	1014.9	1	150	2-3	25.1	25.3	21.0

### DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship <i>OKEANOS EXPLORER (R-337)</i>				TIME ZONE <i>-4</i>	DAY OF WEEK <i>MONDAY</i>	DATE (dd mmm yyyy) <i>14 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>27° 29' 41.6' N</i>	<i>086° 49.8' W</i>	<i>FEW</i>		<i>10</i>	<i>075</i>	<i>16</i>	<i>1016.4</i>	<i>1</i>	<i>150</i>	<i>2-3</i>	<i>25.6</i>	<i>25.1</i>	<i>21.8</i>	<i>A</i>
01	<i>27° 35.1' N</i>	<i>086° 43.2' W</i>	<i>FEW</i>		<i>10</i>	<i>070</i>	<i>12</i>	<i>1016.1</i>	<i>1</i>	<i>150</i>	<i>2-3</i>	<i>26.4</i>	<i>24.9</i>	<i>21.7</i>	
02	<i>27° 28.3' N</i>	<i>086° 36.4' W</i>	<i>FEW</i>		<i>10</i>	<i>075</i>	<i>13</i>	<i>1015.4</i>	<i>1</i>	<i>150</i>	<i>2-3</i>	<i>26.9</i>	<i>25.3</i>	<i>22.3</i>	
03	<i>27° 21.8' N</i>	<i>086° 29.7' W</i>	<i>FEW</i>		<i>10</i>	<i>085</i>	<i>13</i>	<i>1014.7</i>	<i>1</i>	<i>150</i>	<i>2-3</i>	<i>27.0</i>	<i>25.3</i>	<i>22.2</i>	
04	<i>27° 16.5' N</i>	<i>086° 24.4' W</i>	<i>SCT</i>		<i>10</i>	<i>060</i>	<i>17</i>	<i>1014.2</i>	<i>1</i>	<i>150</i>	<i>2-3</i>	<i>26.9</i>	<i>24.6</i>	<i>21.4</i>	
05	<i>27° 11.2' N</i>	<i>086° 19.1' W</i>	<i>SCT</i>		<i>10</i>	<i>065</i>	<i>16</i>	<i>1013.9</i>	<i>1</i>	<i>150</i>	<i>2-3</i>	<i>26.9</i>	<i>24.5</i>	<i>21.7</i>	
06	<i>27° 07.1' N</i>	<i>086° 14.9' W</i>	<i>SCT</i>	<i>LTG</i>	<i>10</i>	<i>050</i>	<i>17</i>	<i>1014.2</i>	<i>1</i>	<i>100</i>	<i>3</i>	<i>26.8</i>	<i>24.5</i>	<i>21.4</i>	
07	<i>27° 02.9' N</i>	<i>086° 10.7' W</i>	<i>SCT</i>		<i>10</i>	<i>045</i>	<i>13</i>	<i>1014.3</i>	<i>1</i>	<i>100</i>	<i>3</i>	<i>26.8</i>	<i>24.6</i>	<i>21.7</i>	
08	<i>26° 58.8' N</i>	<i>086° 06.5' W</i>	<i>BKN</i>		<i>10</i>	<i>045</i>	<i>15</i>	<i>1014.4</i>	<i>1</i>	<i>100</i>	<i>3</i>	<i>26.8</i>	<i>24.7</i>	<i>21.6</i>	
09	<i>26° 59.3' N</i>	<i>086° 06.8' W</i>	<i>BKN</i>		<i>10</i>	<i>032</i>	<i>16</i>	<i>1015.1</i>	<i>1</i>	<i>032</i>	<i>2-3</i>	<i>26.7</i>	<i>24.6</i>	<i>21.4</i>	
10	<i>26° 59.7' N</i>	<i>086° 08' W</i>	<i>BKN</i>		<i>10</i>	<i>034</i>	<i>13</i>	<i>1014.7</i>	<i>2</i>	<i>129</i>	<i>3</i>	<i>27</i>	<i>25.4</i>	<i>21.8</i>	
11	<i>26° 55.7' N</i>	<i>086° 02.9' W</i>	<i>SCT</i>		<i>10</i>	<i>045</i>	<i>18</i>	<i>1014.7</i>	<i>2</i>	<i>080</i>	<i>3</i>	<i>26.9</i>	<i>24.8</i>	<i>21.7</i>	
12	<i>26° 51.9' N</i>	<i>085° 58.2' W</i>	<i>SCT</i>		<i>10</i>										<i>*</i>
13	<i>26° 52.4' N</i>	<i>085° 58.4' W</i>	<i>SCT</i>		<i>10</i>	<i>030</i>	<i>15</i>								<i>*</i>
14	<i>26° 50.4' N</i>	<i>085° 56.3' W</i>	<i>SCT</i>		<i>10</i>	<i>035</i>	<i>17</i>	<i>1013.8</i>	<i>2</i>	<i>100/030</i>	<i>3</i>	<i>27.2</i>	<i>25.1</i>	<i>22.4</i>	
15															
16	<i>26° 44.1' N</i>	<i>085° 48.1' W</i>	<i>SCT</i>		<i>10</i>	<i>030</i>	<i>18</i>	<i>1011.2</i>	<i>2</i>	<i>040</i>	<i>3-4</i>	<i>27.4</i>	<i>24.6</i>	<i>21.8</i>	
17	<i>26° 42.2' N</i>	<i>085° 45.2' W</i>	<i>SCT</i>		<i>10</i>	<i>030</i>	<i>18</i>	<i>1011.2</i>	<i>2</i>	<i>045</i>	<i>3-4</i>	<i>27.4</i>	<i>24.6</i>	<i>21.8</i>	
18	<i>26° 33.8' N</i>	<i>085° 36.9' W</i>	<i>FEW</i>		<i>10</i>	<i>030</i>	<i>18</i>	<i>1012.9</i>	<i>2</i>		<i>3</i>	<i>27.4</i>	<i>24.6</i>	<i>21.8</i>	<i>BXP</i>
19	<i>26° 25.3' N</i>	<i>085° 28.3' W</i>	<i>FEW</i>		<i>10</i>	<i>030</i>	<i>18</i>	<i>1012.9</i>	<i>2</i>	<i>110</i>	<i>2-3</i>	<i>27.4</i>	<i>24.6</i>	<i>21.8</i>	
20	<i>26° 19.8' N</i>	<i>085° 20.2' W</i>	<i>FEW</i>		<i>10</i>	<i>030</i>	<i>18</i>	<i>1012.9</i>	<i>2</i>	<i>110</i>	<i>2-3</i>	<i>27.4</i>	<i>24.6</i>	<i>21.8</i>	
21	<i>26° 09.8' N</i>	<i>085° 12.1' W</i>	<i>FEW</i>		<i>10</i>	<i>030</i>	<i>18</i>	<i>1012.9</i>	<i>2</i>	<i>110</i>	<i>2-3</i>	<i>27.4</i>	<i>24.6</i>	<i>21.8</i>	
22	<i>26° 01.4' N</i>	<i>085° 03.1' W</i>	<i>FEW</i>	<i>LTG VC</i>	<i>10</i>	<i>030</i>	<i>18</i>	<i>1012.9</i>	<i>2</i>	<i>110</i>	<i>2-3</i>	<i>27.4</i>	<i>24.6</i>	<i>21.8</i>	
23	<i>25° 52.6' N</i>	<i>084° 54.5' W</i>	<i>FEW</i>	<i>LTG VC</i>	<i>10</i>	<i>040</i>	<i>3</i>	<i>1012.0</i>	<i>2</i>	<i>110</i>	<i>2-3</i>	<i>27.4</i>	<i>24.8</i>	<i>22.3</i>	<i>WPA</i>

\* 1200/1300 : OPERATIONS



### 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>15 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	25° 45.3'	084° 47.0'	SCT	LTG VC	10	170	3	1012.2	1	110	2	27.5	25.3	23.3
01	25° 37.1'	084° 38.5'	SCT	LTG VC	10	170	10	1011.7	1	110	2	27.7	26.0	23.8
02	25° 29.1'	084° 30.3'	SCT		10	190	9	1011.5	1	110	2	27.6	26.3	24.2
03	25° 21.1	084° 22.1	FEW	LTG VC	10	200	14	1010.9	1	110	2	27.4	26.6	24.0
04	25° 11.7N	084° 13.5W	SCT	RA+ LTG	8	220	13	1010.7	1	110	2-3	27.2	24.8	22.0
05	25° 05.4N	084° 05.9W	SCT		10	180	17	1011.5	1	110	2	25.5	25.4	23.8
06	24° 58.1N	083° 58.6W	SCT	LTG	10	185	14	1011.7	1	110	2	24.9	25.3	23.9
07	24° 51.3N	083° 51.7W	SCT		10	184	14	1012.5	1	150	2-3	25.2	25.3	23.7
08	24° 44.2'N	083° 44.4'W	SCT		10	175	16	1013.7	1	150	2-3	25.5	25.5	23.8
09	24° 37.7'N	083° 37.5'W	SCT		10	175	15	1013.7	1	150	2-3	25.5	25.5	24.1
10	24° 32.5'N	083° 22.3'W	SCT		10	176	15	1014.3	1	150	2-3	25.3	25.6	24.2
11	24° 33.7'N	083° 32.7'W	SCT		10	159	15	1014.7	1	150	2	25.4	25.9	24.2
12	24° 34.6'	083° 33.6'	BKN		10	175	17	—	1-2	150	2	—	25.9	25.0
13	24° 28.4	083° 28.1	BKN		10	175	14	—	1-2	150	2-3	25.4	—	—
14	24° 22.2	083° 21.8'	BKN		10	175	14	—	1-2	150	2-3	25.4	26.3	25.0
15	24° 23.3	083° 20.4	BKN		10	—	—	—	—	—	—	—	—	—
16	24° 18.0	083° 15.5	BKN		10	13 <sup>135</sup>	13	—	1-2	150	2-3	25.5	26.0	24.0 <sup>BSC</sup>
17	24° 15.5N	083° 08.9W	BKN		10	160	22	1011.3	1-2	150	2-3	25.6	26.0	24.3
18	24° 09.8N	082° 55.7W	BKN		10	180	15	1013.1	1-2	150	2-3	26.5	26.5	23.2
19	24° 06.2N	082° 47.2W	BKN		10	180	15	1013.1	1-7	150	2-3	27.0	26.8	23.6
20	24° 02.6'N	082° 34.6'W	BKN		10	147	11	1013.7	1-2	150	2-3	27	26	23.7
21	24° 01.9'N	082° 31.9'W	BKN	LTG VC	10	150	12	1014.3	1-2	150	2-3	26.7	26.3	23.6
22	24° 01.3'N	082° 09.1'W	BKN	LTG VC	10	155	16	1014.1	1-2	150	2-3	26.9	26	23.9 <sup>RPA</sup>
23	24° 01.1'N	081° 55.2'W	CLR		10	155	11	1014.5	1-2	150	2-3	26.8	26.3	23.7

1200 - 1500 : OPERATIONS

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <i>OKEANOS EXPLORER (R337)</i>						TIME ZONE <i>-4</i>	DAY OF WEEK <i>WEDNESDAY</i>	DATE (dd mmm yyyy) <i>16 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	24°01.5	081°41.9'	FEW	LTG VC	10	135	14	1014.6	1-2	150	2-3	26.8	26.2	24.0
01	24°04.0	081°29.4	FEW	LTG VC	10	145	13	1014.4	1-2	150	2-3	26.8	26.3	23.5
02	24°08.3	081°16.9	FEW	LTG VC	10	145	12	1014.3	1-2	150	2-3	26.8	26.4	24.3
03	24°12.9	081°03.6	FEW	LTG VC	10	140	16	1013.2	1-2	150	2-3	26.9	26.4	24.9
04	24°16.8 N	080°51.9 W	FEW	LTG	10	150	17	1012.9	1-2	150	2-3	26.7	26.4	24.5
05	24°23.7 N	080°39.3 W	FEW		10	155	17	1012.9	1-2	150	2-3	26.8	26.5	24.1
06	24°31.1 N	080°25.7	FEW		10	160	14	1013.8	1	100	2	26.8	26.5	24.3
07	24°38.6 N	080°11.7 W	FEW		10	145	14	1014.2	1	110	2	26.9	26.4	24.3
08	24°44.6 N	080°02.7 W	CLR		10	150	14.6	1015.2	1	110	2	26.7	26.9	23.7
09	24°52.7 N	079°53.8 W	SCT		10	153	12.1	1015.8	1	110	2	26.8	27	24
10	24°54.3 N	079°52.4 W	FEW		10	127	10.1	1015.5	1	110	1	26.8	27	24.3
11	25°00.1 N	079°44.5 W	SCT		10	139	12	1015.8	1	110	1	26.9	26.5	24.5
12	25°06.7	079°47.2	SCT		10	150	6	1016.3	1	140	1	26.9	27.4	25.4
13	25°09.1	079°46.8'	SCT		10	125	16							* MU
14	25°20.1	079°43.0	SCT		10	135	9							* MU
15	25°23.0'	079°43.6'	SCT		10	140	9	1015.2	1	145	2	27.0	27.0	25.2
16	25°29.1 N	079°42.3 W	SCT		10	145	18	1014.3	1	145	2	27.1	26.7	24.4
17	25°33.1 N	079°41.5 W	BKN		10	150	16	1013.1	1	145	2	27.1	26.8	24.5
18	25°37.8 N	079°39.9 W	BKN		10	150	15	1014.7	1	145	2	26.9	26.9	24.4
19	25°51.7 N	079°38.7 W	BKN		10	140	17	1015.0	1	145	2	26.9	26.4	24.4
20	26°03.7	079°37.0	OVC		10	145	17	1013.7	1	145	2	26.9	27.2	25.8
21	26°18.9	079°36.1	OVC	LTG	10	140	15	1014.1	1	145	2	26.9	27.0	25.6
22	26°30.1	079°35.9	OVC	LTG	10	165	14	1014.7	1	140	2	26.3	26.9	24.9
23	26°43.1	079°33.8	BKN		10	164	16	1014.7	1	140	2	26.3	26.5	25.1

\* 1300 DRILLS

\* 1400 OPERATIONS



### DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R337)										TIME ZONE -4	DAY OF WEEK THURSDAY	DATE (dd mmm yyyy) 17 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	26° 54.8'	079° 36.3'	SCT		10	165	16	1016.0	1	140	2	26.8	26.5	25.0
01	27° 03.7'	079° 38.0'	SCT		8-10	160	16	1016.0	1	140	2	26.8	26.2	25.3
02	27° 16.4'	079° 41.7'	SCT	LTG VC	10	165	20	1015.2	1	140	2	26.6	26.2	24.7
03	27° 29.5'	079° 46.3'	SCT	LTG VC	10	175	18	1015.2	1	140	2	26.7	26.5	25.2
04	27° 42.7'	079° 49.4'	FEW	LTG VC	10	165	18	1014.5	1	140	2-3	26.6	26.5	24.2
05	27° 50.4' N	079° 53.4'	FEW	LTG	10	180	15	1012.9	1	-	2-3	25.4	26.1	24.4
06	28° 07.2' N	079° 56.7'	FEW		10	185	12	1014.6	1	150	2-3	25.5	25.6	24.3
07	28° 15.9'	079° 59.1'	FEW		10	180	12	1015.0	1	145	2	25.4	25.5	24.4
08	28° 27.5' N	080° 02.7'	BKN		10	180	14	1015.4	1	145	2	25.5	25.6	24.4
09	28° 37.8' N	080° 04.9' W	BKN		10	175	12	1014.2	1	145	2	25.4	26.7	24.6
10	28° 45.8' N	080° 08.0' W	OVC		10	181	14	1016.0	1	145	1-2	25.4	25.5	24.3
11	28° 47.1' N	080° 08.4' W	OVC		10	171	14	1015.8	1	145	2-3	25.4	26.3	24.4
12	28° 54.2'	080° 11.8'	OVC		10	185	14	1015.9	1	145	2-3	25.5	26.3	25.0
13	29° 04.8'	080° 08.4'	<del>BKN</del> OVC		10	180	16	1015.9	1-2	145	2-3	25.6	27.3	26.0
14	29° 14.0'	080° 05.5'	OVC		10	180	20							*
15														
16	29° 16.9'	080° 12.0'	OVC		10	180	15	1015.0	1	175	2	25.6	24.4	22.5
17	29° 17.0'	080° 18.4'	OVC		10	182	16	1015.0	1	170	2	25.4	24.9	22.6
18	29° 19.2' N	080° 25.9' W	BKN		10	180	17	1014.3	1	170	2	24.7	24.9	22.9
19	29° 26.3' N	080° 29.8' W	BKN		10	175	16	1014.3	1	170	2	24.8	25.1	22.8
20	29° 31.9' N	080° 33.0' W	BKN		10	175	16	1014.0	1	170	2	24.8	24.7	22.9
21	29° 38.2' N	080° 36.4' W	BKN		10	168	12	1014.9	1	170	2	24.8	24.5	23
22	29° 45.8' N	080° 40.6' W	BKN		10	175	14	1015.5	1	170	2	24.4	24.9	23.0
23	29° 49.7' N	080° 42.7' W	BKN		10	175	13	1015.5	1	170	2		24.4	22.9

MW

RPA

\* 1400 CTD OPERATIONS  
\* 2200 SEAWATER SYSTEM SECURED

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <i>OKEANOS EXPLORER (R-337)</i>						TIME ZONE <i>-4</i>	DAY OF WEEK <i>FRIDAY</i>	DATE (dd mmm yyyy) <i>18 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>29°54.6'</i>	<i>080°45.4'</i>	<i>BKN</i>		<i>10</i>	<i>170</i>	<i>14</i>	<i>1015.4</i>	<i>1</i>	<i>170</i>	<i>2</i>	<i>—</i>	<i>24.5</i>	<i>23.5</i>
01	<i>29°59.3'</i>	<i>080°48.0'</i>	<i>OVC</i>		<i>10</i>	<i>180</i>	<i>17</i>	<i>1015.1</i>	<i>1-2</i>	<i>170</i>	<i>2</i>	<i>—</i>	<i>24.4</i>	<i>23.4</i>
02	<i>30°02.8'</i>	<i>080°51.5'</i>	<i>SCT</i>	<i>RA SH-</i>	<i>10</i>	<i>180</i>	<i>16</i>	<i>1014.7</i>	<i>1-2</i>	<i>170</i>	<i>2</i>	<i>—</i>	<i>24.0</i>	<i>23.0</i>
03	<i>30°06.4'</i>	<i>080°56.2'</i>	<i>SCT</i>		<i>10</i>	<i>195</i>	<i>11</i>	<i>1014.6</i>	<i>1-2</i>	<i>170</i>	<i>2</i>	<i>—</i>	<i>23.9</i>	<i>22.7</i>
04	<i>30°09.7'N</i>	<i>081°00.8'W</i>	<i>SCT</i>		<i>10</i>	<i>200</i>	<i>15</i>	<i>1014.6</i>	<i>1-2</i>	<i>200</i>	<i>2</i>	<i>—</i>	<i>23.1</i>	<i>21.8</i>
05	<i>30°12.9'N</i>	<i>081°05.0'</i>	<i>SCT</i>	<i>RA</i>	<i>10</i>	<i>185</i>	<i>12</i>	<i>1014.8</i>	<i>1</i>	<i>200</i>	<i>2</i>	<i>—</i>	<i>22.9</i>	<i>21.6</i>
06	<i>30°16.8'N</i>	<i>081°10.2'W</i>	<i>SCT</i>		<i>10</i>	<i>180</i>	<i>12</i>	<i>1013.2</i>	<i>1</i>	<i>200</i>	<i>2</i>	<i>—</i>	<i>22.9</i>	<i>21.4</i>
07	<i>30°20.5'N</i>	<i>081°15.1'W</i>	<i>BKN</i>	<i>DZ</i>	<i>10</i>	<i>175</i>	<i>16</i>	<i>1015.5</i>	<i>1</i>	<i>200</i>	<i>2</i>	<i>—</i>	<i>22.9</i>	<i>21.1</i>
08	<i>30°20.8'N</i>	<i>081°16.7'W</i>	<i>OVC</i>	<i>RA</i>	<i>15</i>	<i>195</i>	<i>14</i>	<i>1015.7</i>	<i>1</i>	<i>200</i>	<i>2</i>	<i>—</i>	<i>21.8</i>	<i>21.0</i>
09	<i>30°22.0'N</i>	<i>081°16.2'W</i>	<i>OVC</i>	<i>RA</i>										
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