

## DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <u>OCEANOS EXPLORER (R-337)</u>				TIME ZONE <u>-5</u>	DAY OF WEEK <u>SATURDAY</u>	DATE (dd mmm yyyy) <u>17 MAR 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														
01														
02														
03														
04														
05														
06														
07														
08														
09														
10														
11														
12	<u>30°20.5N</u>	<u>088°34.6W</u>	<u>OVC</u>		<u>10+</u>	<u>250</u>	<u>5</u>	<u>1017.5</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>21.3</u>	<u>20</u>
13	<u>-</u>	<u>-</u>	<u>-</u>		<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
14	<u>30°08.8N</u>	<u>088°30.9W</u>			<u>10+</u>								<u>21.3</u>	<u>20</u>
15	<u>30°00.8'</u>	<u>088°27.1'</u>												
16														<u>* 08</u>
17	<u>29°59.0W</u>	<u>088°19.7W</u>	<u>SCT</u>		<u>10</u>	<u>190</u>	<u>10</u>	<u>1013.5</u>	<u>1/2</u>	<u>150</u>	<u>1-2</u>	<u>21.0</u>	<u>21.5</u>	<u>-</u>
18	<u>30°04.2N</u>	<u>088°09.3W</u>	<u>OVC</u>		<u>10</u>	<u>100</u>	<u>5</u>	<u>1014.0</u>	<u>&lt;1</u>	<u>170</u>	<u>1-2</u>	<u>-</u>	<u>21.1</u>	<u>20.5</u>
19	<u>30°06.2N</u>	<u>088°01.2W</u>	<u>OVC</u>		<u>10</u>	<u>190</u>	<u>9</u>	<u>1014.0</u>	<u>&lt;1</u>	<u>170</u>	<u>1-2</u>	<u>-</u>	<u>20.5</u>	<u>19.8</u>
20	<u>30°08.1'N</u>	<u>087°50.1'W</u>	<u>SCT</u>		<u>10</u>	<u>180</u>	<u>12</u>	<u>1014.0</u>	<u>&lt;1</u>	<u>170</u>	<u>1-3</u>	<u>-</u>	<u>20.1</u>	<u>20.0</u>
21	<u>30°09.8'N</u>	<u>087°38.9'W</u>	<u>FEW</u>		<u>10</u>	<u>190</u>	<u>10</u>	<u>1014.3</u>	<u>&lt;1</u>	<u>170</u>	<u>1-3</u>	<u>-</u>	<u>20.4</u>	<u>20.0</u>
22	<u>30°11.6'N</u>	<u>087°28.0'W</u>	<u>CLR</u>		<u>10</u>	<u>185</u>	<u>11</u>	<u>1014.5</u>	<u>1-2</u>	<u>170</u>	<u>1-3</u>	<u>-</u>	<u>20.5</u>	<u>20.5</u>
23	<u>30°11.1'N</u>	<u>087°16.8'W</u>	<u>CLR</u>		<u>10</u>	<u>200</u>	<u>14</u>	<u>1014.0</u>	<u>2-3</u>	<u>180</u>	<u>2-3</u>	<u>-</u>	<u>20.5</u>	<u>20.0</u>

\* 1600: TRAFFIC

## DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship **OKEANOS EXPLORER (R337)**

TIME ZONE  
-5

DAY OF WEEK  
SUNDAY

DATE (dd mmm yyyy)  
18 MAR 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	30° 07.6'	087° 16.8'	CLR		10	195°	15	1014.1	2-3	180	2-3	—*	20.5	20.5
01	30° 02.5'	087° 16.8'	CLR		10	205°	11	1014.4	2-3	180	2-3	—	20.7	20.7
02	29° 58.1'	087° 20.0'	CLR		10	200°	11	1013.8	2-3	180	2-3	—	20.7	20.7
03	29° 54.9'	087° 25.9'	CLR		10	205	10	1013.5	2-3	180	2-3	—	20.3	20.3
04	29° 55.0'	087° 25.6'	CLR	FOG	<1NM	210	5	1013.9	2	-	-	-	20.5	20.0
05	29° 54.7'	087° 25.7'	CLR	FOG	<1NM	217	7	1013.9	2	-	-	-	20.5	20.0
06	29° 52.1'	087° 31.2'	CLR	FOG	1	205	5	1013.5	2	-	-	-	20.5	20.0
07	29° 51.5'	087° 26.8'	CLR	FOG	0.5	197	5	1014.1	2	150	2	-	20	20
08	29° 51.5' N	087° 25.5'	FEW	FOG	0.5	190	4	1014.2	1	150	1	-	20.2	20.6
09	29° 51.7' N	087° 25.4'	FEW	FOG	0.5	140	3	1014.8	<1	150	1-2	-	20.5	20.8
10	29° 51.3' N	087° 25.6' W	CLR	HZ	3	125	8	1014.1	1-2	140	1-2	-	21.5	21.4
11	29° 50.7' N	087° 26.3' W	FEW	HZ	2-3	130	7	1014.1	1	140 200	1-2	-	21.3	21.3
12	29° 50.3'	087° 27.1'	SCT	HZ	3-4	145	8	1013.7	1	140 180	1-2	-	22.8	22.5
13	29° 50.3'	087° 28.0'	—	—	—	—	—	—	—	—	—	—	—	—*
14	29° 50.4'	087° 29.1'	OVC	HZ	5-6	165	10	1012.1	1	140	1-2	-	22.4	21.7
15	29° 50.6'	087° 30.1'	OVC	HZ	5-6	200	6	1012.0	1	170	2-3	-	22.5	22.0
16	29° 51.7' N	087° 29.2' W	OVC	HZ	5-6	180	4	1012.0	1-2	170	2-3	-	23.5	22.5
17	29° 53.9' N	087° 24.8' W	OVC	HZ	5-6	180	4	1011.3	1-2	170	2-3	-	23.2	22.7
18	29° 54.5' N	087° 25.1' W	OVC	HZ	5-6	106	6	1010.4	1-2	170	2-3	-	23.1	22.1
19	29° 55.2' N	087° 25.4' W	OVC	HZ	4-5	110	9	1011.7	1-2	120	2-3	-	21.1	21.0
20	29° 57.3' N	087° 20.8' W	OVC	HZ	2-3	120	14	1011.1	1-2	120	2-3	-	21.5	21.8
21	30° 04.2' N	087° 16.3' W	SCT	HZ	2-4	160	15	1010.6	1-2	120	2-3	-	21.5	21.2
22	30° 12.9' N	087° 18.2' W	SCT	HZ	5-6	160	16	1010.0	1-2	120	2-3	-	21.4	21.0
23	30° 12.2' N	087° 29.1' W	SCT	LTG	5-7	180	13	1010.0	1-3	120	2-3	-	21.4	21.0

\* SCS DOWN

\* TWO SWELLS: 140°, 200°

\* FIRE + EMERGENCY DRILLS CONDUCTED

### DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship <i>OKEANOS EXPLORER (R337)</i>						TIME ZONE <i>-5</i>	DAY OF WEEK <i>MONDAY</i>	DATE (dd mmm yyyy) <i>19 MAR 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>30° 10.6'</i>	<i>087° 39.7'</i>	<i>BKN</i>	<i>RN -</i>	<i>4-5</i>	<i>200</i>	<i>9</i>	<i>1009.7</i>	<i>1-3</i>	<i>130</i>	<i>2-3</i>	<i>19.3</i>	<i>21.3</i>	<i>21.3</i>
01	<i>30° 09.1</i>	<i>087° 48.8</i>	<i>ONC</i>	<i>FOG</i>	<i>&lt;1</i>	<i>205</i>	<i>12</i>	<i>1010.0</i>	<i>1-3</i>	<i>130</i>	<i>2-3</i>	<i>19.5</i>	<i>20.7</i>	<i>20.5</i>
02	<i>30° 07.7</i>	<i>087° 56.9</i>	<i>ONC</i>	<i>FOG</i>	<i>&lt;1</i>	<i>225</i>	<i>10</i>	<i>1009.5</i>	<i>1-3</i>	<i>130</i>	<i>2-3</i>	<i>19.4</i>	<i>20.7</i>	<i>20.7</i>
03	<i>30° 06.8</i>	<i>088° 04.8</i>	<i>ONC</i>	<i>FOG</i>	<i>1</i>	<i>225</i>	<i>10</i>	<i>1008.7</i>	<i>1-3</i>	<i>130</i>	<i>2-3</i>	<i>19.4</i>	<i>20.4</i>	<i>20.4</i>
04	<i>30° 07.5</i>	<i>088° 12.7</i>	<i>CLR</i>		<i>3</i>	<i>240</i>	<i>7</i>	<i>1005.7</i>	<i>1</i>	<i>-</i>	<i>2</i>	<i>-</i>	<i>19.8</i>	<i>19.8</i>
05	<i>30° 07.6</i>	<i>088° 19.1</i>	<i>CLR</i>	<i>FOG</i>	<i>&lt;1</i>	<i>170</i>	<i>15</i>	<i>1004.6</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>19.1</i>	<i>19.7</i>	<i>19.6</i>
06	<i>30° 06.9 N</i>	<i>088° 24.7 W</i>	<i>FEW</i>	<i>FOG</i>	<i>&lt;1</i>	<i>200</i>	<i>11</i>	<i>1006.1</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>19.2</i>	<i>19.8</i>	<i>19.5</i>
07	<i>30° 07</i>	<i>088° 25.7</i>	<i>CLR</i>	<i>FOG</i>	<i>&lt;1</i>	<i>215</i>	<i>11</i>	<i>1005.9</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>19.3</i>	<i>19.8</i>	<i>19.7</i>
08														
09														
10														
11														
12	<i>30° 08.7</i>	<i>088° 30.6'</i>		<i>FOG</i>										
13	<i>30° 08.7</i>	<i>088° 30.6</i>	<i>SCT</i>	<i>FOG</i>	<i>1-2</i>	<i>215</i>	<i>10</i>	<i>1006.7</i>					<i>21.1</i>	<i>21.1</i>
14														
15														
16	<i>MOORED</i>													
17														
18														
19														
20														
21														
22														
23														

\* 0800 - 1100 M/V/C/S HOLDING STATION IN DENSE FOG RPF  
 \* 1400 - 1600 M/V/C/S TO PIER

## DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <i>OKEANOS EXPLORER (R-337)</i>						TIME ZONE <i>- 5</i>	DAY OF WEEK <i>FRIDAY</i>	DATE (dd mmm yyyy) <i>23 MAR 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 <i>N</i>	LONGITUDE <i>W</i>				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00														
01														
02														
03														
04														
05														
06														
07														
08														
09	<i>30° 20.3</i>	<i>088° 34.6</i>	<i>CLR</i>		<i>10<sup>+</sup></i>	<i>295</i>	<i>4</i>	<i>1025.7</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>16.8</i>	<i>14.3</i>
10														
11														
12	<i>30° 09.2</i>	<i>088° 31</i>	<i>CLR</i>		<i>10</i>	<i>341</i>	<i>3</i>	<i>1026.3</i>	<i>&lt; 1</i>	<i>180</i>	<i>&lt; 1</i>	<i>-</i>	<i>17.7</i>	<i>12.8</i>
13	<i>30° 02.0'</i>	<i>088° 26.3'</i>												<i>*</i>
14	<i>30° 01.4'</i>	<i>088° 26.4'</i>	<i>FEW</i>	<i>ci</i>	<i>10</i>	<i>140</i>	<i>10</i>	<i>1025.4</i>	<i>1</i>	<i>100</i>	<i>1-2</i>	<i>19.3</i>	<i>18.6</i>	<i>13.8</i>
15	<i>30° 02.0'</i>	<i>088° 26.3'</i>	<i>SCT</i>		<i>10</i>	<i>140</i>	<i>12</i>	<i>1024.7</i>	<i>1</i>	<i>110</i>	<i>2-3</i>	<i>19.4</i>	<i>19</i>	<i>14.9</i>
16	<i>30° 01.5 N</i>	<i>088° 25.0 W</i>	<i>SCT</i>		<i>10</i>	<i>150</i>	<i>12</i>	<i>1023.4</i>	<i>1</i>	<i>110</i>	<i>2-3</i>	<i>19.3</i>	<i>18.0</i>	<i>14.0</i>
17	<i>29° 54.7 N</i>	<i>088° 17.6 W</i>	<i>SCT</i>		<i>10</i>	<i>152</i>	<i>13</i>	<i>1023.2</i>	<i>1</i>	<i>110</i>	<i>2-3</i>	<i>19.0</i>	<i>18.5</i>	<i>14.2</i> <i>BS</i>
18	<i>29° 47.9 N</i>	<i>088° 10.5 W</i>	<i>SCT</i>		<i>10</i>	<i>160</i>	<i>13</i>	<i>1023.0</i>	<i>1</i>	<i>140</i>	<i>2-3</i>	<i>19.5</i>	<i>18.5</i>	<i>14.5</i>
19	<i>29° 39.6 N</i>	<i>088° 01.8 W</i>	<i>SCT</i>		<i>10</i>	<i>160</i>	<i>10</i>	<i>1023.0</i>	<i>1</i>	<i>140</i>	<i>2-3</i>	<i>19.22</i>	<i>18.5</i>	<i>14.5</i>
20	<i>29° 33.3 N</i>	<i>087° 55.2 W</i>	<i>CLR</i>		<i>10</i>	<i>155</i>	<i>13</i>	<i>1023.0</i>	<i>1</i>	<i>140</i>	<i>2-3</i>	<i>19.32</i>	<i>18.7</i>	<i>15.0</i> <i>RPA</i>
21	<i>29° 25.9 N</i>	<i>087° 50.2 W</i>												
22	<i>29° 18.0 N</i>	<i>087° 52.3 W</i>	<i>CLR</i>		<i>10</i>	<i>155</i>	<i>16</i>	<i>1023.0</i>	<i>2-3</i>	<i>145</i>	<i>2-3</i>	<i>20.51</i>	<i>20.0</i>	<i>15.0</i>
23	<i>29° 10.1 N</i>	<i>087° 57.1 W</i>	<i>CLR</i>		<i>10</i>	<i>155</i>	<i>16</i>	<i>1022.9</i>	<i>1-2</i>	<i>170</i>	<i>1-3</i>	<i>21.09</i>	<i>20.0</i>	<i>15.8</i>

1000-1200 NAVIGATING IN RESTRICTED WATERS; PASMACOGULA CHANNEL

#1300 COMMENCING D.P. OPERATIONS

2100 TRAFFIC SITUATION

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship **OKEANOS EXPLORER (R-337)**

TIME ZONE  
**-5**

DAY OF WEEK  
**SATURDAY**

DATE (dd mmm yyyy)  
**24 MAR 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°00.5'	088°01.7'	CLR		10	170	18	1022.1	1-2	170	1-3	21.5	20.5	16.7
01	28°56.9'	088°01.8'	FEW		10	170	20	1021.5	1-2	170	1-3	21.4	20.5	16.7
02	29°02.3'	088°00.3'	CLR		10	170	21	1021.0	1-2	170	1-3	21.1	20.5	16.7
03	29°00.0	087°56.8	CLR		10	170	20	1020.2	1-2	170	1-3	21.6	20.7	16.7
04	28°59.1 N	087°56.6 W	CLR		10	170	16	1020.0	1-2	170	1-3	21.6	20.5	17.0
05	29°02.73	087°59.4	CLR		10	165	8	1018.4	2		3	21.0	20.6	17.0
06	29°02.7 N	087°59.4 W	CLR		10	170	16	1019.9	2	170	3	21.0	20.5	17.8
07	29°02.7 N	087°59.4 W	SCT		10	167	18	1020.0	2	160	3	21.0	21.5	17.8
08	29°02.7' N	087°59.4' W	SCT		10	170	17	1020.1	2	165	3-4	21.06	21.8	18.9
09	29°02.7' N	087°59.4' W	SCT		10	175	19	1020.2	2-3	170	3-4	21.09	21.0	18.0
10	29°02.6' N	087°59.8' W	SCT		10	175	20	1020.2	2-3	170	3-4	21.16	21.8	17.2
11	28°58.1' N	088°01.0' W	FEW		10	175	21	1019.0	2-3	170	3-4	21.56	21.9	18.0
12	28°58.7'	088°01.8'	FEW		10	170	19	1020.1	2-3	170	3-4	21.5	21.9	19.0
13	28°58.7'	088°01.8'												*
14	28°58.7'	088°01.6'												*
15	28°58.9'	088°01.3'	SCT	ci	10	190	17	1018.4	2-3	170	4-5 3-4	21.8	22.7	19.9
16														
17	29°01.7 N	088°00.6 W	SCT		10	186	15	1017.0	2-3	170	4-5	21.4	22.5	19.5
18	29°01.7 N	088°00.4 W	SCT		10	183	16	1016.8	2-3	170	4-5	21.4	22.5	20.0
19	29°01.6 N	088°00.1 W	SCT		10	200	13	1017.0	2-3	180	5-6	21.4	22.2	20.5
20	29°01.6' N	087°59.8' W	FEW		10	200	11	1015.8	2-3	180	4-5	21.36	22.	20.5
21	29°00.5' N	088°02.4' W	FEW		10	225	12	1015.8	2-3	180	4-5	21.34	22.2	19.0
22	28°55.9' N	088°01.7' W	SCT		10	225	12	1015.5	2-3	180	4-5	21.73	22.1	20.2
23	28°49.0' N	087°58.0' W	FEW		10	220	15	1015.4	2-3	180	4-5	21.24	22.6	20.2

41  
B.

\* DRILLS 1300-1400  
\* 1600 OPS

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) TIME ZONE -5 DAY OF WEEK SUNDAY DATE (dd mmm yyyy) 25 MAR 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 <i>N</i>	LONGITUDE <i>W</i>				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	28°44.2	087°55.1	SCT		10	210	17	1016.5	2-3	180	4-5	21.5	22.8	20.5
01	28°44.1	087°54.8	SCT		10	220	17	1016.4	2-3	180	4-5	21.5	22.7	20.8
02	28°39.8	087°53.6	CLR		10	220	14	1015.9	2-3	180	4-5	21.8	22.9	21.0
03	28°36.9	087°50.2	CLR		10	220	11	1015.5	2-3	180	4-5	21.8	22.9	21.0
04	28°40.2N	087°53.9W	CLR		10	226	8	1014.3	2-3	180	4-5	21.9	22.7	20.5
05														
06	28°39.7N	087°51.9W	SCT		10	260	4	1015.4	2-3	230	4-5	21.6	22.3	20.7
07	28°39.7N	087°51.9W	SCT		9	207	3	1015.9	2-3	<del>180</del> 230	4-5	21.5	22.2	20.6
08	28°39.8'N	087°52.0'W	SCT		10	250	3	1016.5	1-2	<del>180</del> 230	3-4	21.6	22.4	20.7
09	28°39.8'N	087°54.7'W	FEW		10	235	4	1017.0	1-2	230	3-4	—	—	—
10	28°38.7'N	088°05.0'W	FEW		10	235	3	1017.2	1-2	230	3-4	22.4	22.7	20.5
11	28°37.6'N	088°13.9'W	FEW		10	220	5	1017.2	1	230	2-3	22.2	22.8	20.3
12	28°38.3'	088°27.1'	FEW		10	200	3	1018.1	1-2	230	2-3	22.1	24.0	21.0
13	28°42.9	088°30.2	FEW		10	200	6	1017.3	1-2	200	2-3	22.3	23.8	21.3
14	28°38.9	088°27.5	FEW		10	220	6	1017.2	1-2	180	3-4	22.2	24.0	21.6
15	28°40.7	088°28.7	FEW		10	225	7	1016.7	1-2	<del>180</del> 226	3-4	22.2	24.5	21.8
16	28°40.0N	088°28.2W	FEW		10	247	5	1014.7	1-2	<del>180</del> 220	3-4	22.6	23.7	20.9
17	28°39.7N	088°27.9W	FEW		10	225	4	1014.7	1-2	180	3-4	23.1	24.1	21.0
18	28°39.7N	088°28.0W	FEW		10	229	3	1014.9	1-2	180	2-3	23.1	24.0	21.3
19	28°39.7N	088°29.0W	FEW		10	231	3	1015.3	1-2	180	2-3	23.0	23.3	21.0
20	28°39.7'N	088°28.0'W	FEW		10	220	1.2	1015.6	1-2	180	1-3	22.7	22.9	21.0
21	28°39.3'N	088°27.7'W	FEW		10	300	2.2	1016.3	1-2	180	1-3	22.8	22.8	20.9
22	28°39.1'N	088°27.6'W	CLR		10	VAR	LT	1016.5	<1	300	1-2	22.8	22.7	21.0
23	28°42.3'N	088°29.8'W	CLR		10	VAR	LT	1016.5	<1	300	1-2	22.7	22.2	20.7

0500 CTD DEPLOYMENT

0900 MANEUVERING TO GET ON TRACKLINE

### DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship **OKEANOS EXPLORER (R-337)**

TIME ZONE  
**-5**

DAY OF WEEK  
**MONDAY**

DATE (dd mmm yyyy)  
**26 MAR 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	28°41.6'	088°29.3'	FEW		10	VAR	4	1018.0	<1	220	1-2	22.7	22.0	21.5
01	28°41.9	088°29.1	FEW		10	080	4	1018.1	0	220	1-2	22.7	22.6	21.4
02	28°38.6	088°27.3	SCT		10	075	7	1018.0	0	220	1-2	22.2	22.6	21.5
03	28°39.7	088°28.1	FEW		10	115	5	1017.6	<1	220	1-2	22.5	22.5	22.0
04	28°41.4N	088°29.2W	FEW		10	124	3	1015.8	<1	220	1-2	22.6	22.6	21.6
05	28°39.6	088°28.0	FEW		10	138	5	1016.5	<1	220	1-2	22.6	22.5	21.5
06	28°39.6N	088°27.9W	FEW		10	143	5	1016.7	<1	220	1-2	22.5	22.5	21.2
07	28°39.7N	088°27.9W	FEW		10	138	5	1017.7	<1	150	1-2	22.5	22.6	21.2
08	28°39.7'N	088°27.9'W	FEW		10	130	6	1018.3	<1	150	1-2	22.6	23.0	21.2
09	28°40.9'N	088°29.1'W	FEW		10	135	11	1019.5	<1	150	1-2	22.6	23.5	21.3
10	28°48.9'N	088°34.9'W	FEW		10	130	11	1019.9	1	150	1-2	22.1	23.3	21.6
11	28°57.1'N	088°40.8'W												
12	28°56.5'	088°36.8'	SCT		10	100	13	1021.0	1-2	150	2-3	20.8	22.5	22.0
13	29°00.3'	088°29.6'	SCT		10	115	14	1020.9	1-2	150	2-3		22.5	22.0
14	29°02.7'	088°26.8'												
15	28°58.5'	088°34.7'	FEW		10	115	20	1020.0	1-3	140	2-4	21.2	23.3	22.0
16														
17	28°57.7'N	088°33.5W	SCT		10	115	17	1018.6	1-3	140	3-4	21.0	22.9	20.8
18	29°02.4'N <del>088°33.5</del>	088°29.0W	SCT		10	146	12	1018.6	2-3	140	4-5	21.2	21.9	20.8
19	29°03.8'N	088°27.9'W	SCT		10	096	12	1019.6	2-3	150	<del>4-5</del> 5-7	21.2	21.6	20.1
20	28°59.7'N	088°35.8'W												
21	29°02.7'N	088°31.7'W	BKN		10	120	21	1019.8	3-5	120	5-7	20.8	21.6	20.0
22	29°06.0'N	088°24.7'W	SCT		10	115	22	1020.8	3-5	130	5-7	21.2	21.3	19.7
23	29°07.2'N	088°17.3'W	FEW		10	100	27	1021.4	3-5	130	5-7	21.1	21.1	19.5

1100 MANEUVERING FOR SURVEY LINES.

1600 M/V/C/S TO DD FOR CTD DEPLOYMENT

2000 M/V/C/S FOR SURVEY LINES.

## DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337)      TIME ZONE -5      DAY OF WEEK TUESDAY      DATE (dd mmm yyyy) 27 MAR 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° 08.4'	088° 09.2'	SCT		10	100	28	1022.8	3-5	130	6-7	21.1	21.0	19.3
01	29° 12.0'	088° 01.9'	OVC		10	100	25	1022.3	3-5	130	5-7	20.5	21.0	19.4
02	29° 16.2'	087° 55.8'	SCT		10	100	25	1021.8	3-5	130	5-7	21.6	20.5	19.0
03	29° 20.4'	087° 49.6'												
04	29° 27.8' N	087° 50.6' W	SCT		10	120	14	1020.3	3-5	130	5-7	19.9	19.4	18.2
05	29° 35.1' N	087° 55.2' W	SCT		10	110	13	1020.0	3-5	130	5-7	20.0	19.3	18.4
06	29° 40.1' N	088° 00.4' W	SCT		10	115	13	1020.3	3-5	130	5-7	20.0	19.5	18.7
07	29° 45.2' N	088° 05.5' W	SCT		10	111	12	1021.0	3-5	130	5-7	19.8	19.8	18.9
08	29° 51.5' N	088° 12.0' W	SCT		10	110	17	1021.4	3-5	130	5-7	20.7	20.3	19.3
09	29° 57.3' N	088° 18.1' W	FEW		10	100	18	1021.3	2-4	130	3-5	20.8	20.9	19.5
10	30° 03.6' N	088° 24.5' W	BKN		10	100	18	1021.6	2-4	130	3-6	20.6	20.8	19.5
11	30° 08.7' N	088° 29.4' W	OVC		5-7	100	19	1021.6	2-4	130	3-6	19.8	20.3	19.1
12	30° 08.7'	088° 29.4'	OVC		3-4	085	16	1023.1	2-4	130	3-6	19.7	20.3	19.6
13	/													
14	/													
15	/													
16	/													
17	/													
18	/													
19	/													
20	/													
21	/													
22	/													
23	/													

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### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship *OKEANOS EXPLORER (R-337)*

TIME ZONE  
*-5*

DAY OF WEEK  
*WEDNESDAY*

DATE (dd mmm yyyy)  
*28 MAR 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	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														
13														
14														
15														
16														
17														
18														
19	<i>30°07.9'N</i>	<i>088°28.6'W</i>	<i>FEW</i>		<i>10</i>	<i>155</i>	<i>10</i>	<i>1013.5</i>	<i>2</i>	<i>145</i>	<i>5-7</i>	<i>21.0</i>	<i>21.3</i>	<i>19.6</i>
20	<i>30°07.2'N</i>	<i>088°20.1'W</i>	<i>OVC</i>		<i>10</i>	<i>135</i>	<i>20</i>	<i>1013.9</i>	<i>2-3</i>	<i>100</i>	<i>5-7</i>	<i>20.4</i>	<i>21.2</i>	<i>19.2</i>
21	<i>30°06.5'N</i>	<i>088°13.1'W</i>	<i>OVC</i>		<i>10</i>	<i>130</i>	<i>20</i>	<i>1014.4</i>	<i>2-3</i>	<i>100</i>	<i>5-7</i>	<i>20.7</i>	<i>20.9</i>	<i>19.3</i>
22	<i>30°06.3'N</i>	<i>088°04.7'W</i>	<i>OVC</i>		<i>10</i>	<i>130</i>	<i>16</i>	<i>1014.4</i>	<i>2-3</i>	<i>100</i>	<i>5-7</i>	<i>20.0</i>	<i>20.8</i>	<i>19.3</i>
23	<i>30°06.3'N</i>	<i>087°58.7'W</i>	<i>FEW</i>		<i>10</i>	<i>130</i>	<i>17</i>	<i>1014.0</i>	<i>2</i>	<i>110</i>	<i>3-5</i>	<i>19.9</i>	<i>20.6</i>	<i>19.5</i>

### DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) TIME ZONE -5 DAY OF WEEK THURSDAY DATE (dd mmm yyyy) 29 MAR 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	30°08.1'	087°49.1'	FEW		10	130	17	1015.3	2	110	3-5	20.1	20.8	20.2
01	30°09.4'	087°41.6'	SCT		10	140	17	1015.4	2	110	3-5	20.0	20.7	20.3
02	30°10.7'	087°33.3'	SCT		10	140	17	1014.5	2	110	3-5	19.8	20.8	20.2
03	30°11.8'	087°26.2'	BKN		10	150	18	1014.0	2	110	3-5	19.6	20.8	20.0
04	30°13.0'N	087°19.0'W	BKN		10	180	10	1011.7	2	110	3-5	19.0	20.5	19.2
05	30°08.8'N	087°17.4'W	BKN		10	105	8	1012.0	2	110	3-5	19.5	20.8	19.4
06	30°02.3'N	087°17.4'W	BKN		10	115	14	1013.0	2	160	<del>3-5</del> <sup>4-5</sup>	19.9	21.1	19.7
07	29°55.9'N	087°17.4'W	BKN		10	115	15	1013.4	2	160	4-5	21.0	21.8	20.1
08	29°50.2'N	087°17.4'W	BKN		10	135	18	1013.2	2	160	4-5	21.6	22.8	20.5
09	29°45.5'N	087°17.3'N	BKN		10	150	15	1014.3	2	160	5-6	21.6	22.3	20.8
10	29°40.3'N	087°17.2'N	BKN		10	150	12	1014.8	2	165	5-7	21.8	22.2	20.9
11	29°35.8'N	087°16.3'N	BKN		10	150	15	1014.8	2	165	5-7	21.3	22.2	21.1
12	29°32.2'	087°15.6'	SCT		10	150	22	1015.0	2-3	150	5-7	21.6	23.1	21.9
13	29°28.5'	087°14.8'	BKN		5-8	160	15	1015.0	2-3	140	5-7	22.1	23.5	22.5
14	29°24.4'	087°13.8'	SCT	HZ	7-9	150	16	1014.1	2-3	130	5-7	21.5	23.3	22.3
15	29°20.3'	087°12.8'	SCT	HZ	7-8	150	17	1013.3	2-3	140	7-10	21.5	23.0	22.2
16														
17	29°16.5'N	087°12.1'W	SCT	HZ	7-8	160	15	1012.9	2-3	140	5-7	21.4	23.3	22.2
18	29°22.1'N	087°14.0'W	OVC	HZ	6-7	170	11	1012.3	2-3	155	5-7	21.6	23.1	21.9
19	29°28.6'N	087°16.1'W	OVC	HZ	6-7	180	15	1013.0	2-3	150	5-7	22.2	23.7	22.0
20	29°33.6'N	087°17.6'W	OVC		10	180	11	1013.7	2-3	150	3-5	21.4	22.7	21.8
21	29°38.8'N	087°19.5'W	OVC		9-10	170	13	1013.4	2-3	150	3-5	21.9	22.6	21.9
22														
23														

\* 16000 CONDUCTING OBS  
\* ~~HOL~~ 2200 HOLDING STATION

### DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship		OKEANOS EXPLORER (R-337)		TIME ZONE	-5		DAY OF WEEK	FRIDAY		DATE (dd mmm yyyy)			30 MAR 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	LONGITUDE				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB	
00	29°42.6' N	087°20.8' W	OVC		8	300	11	1015.5	2-3	170	3-5	21.8	22.0	21.5	
01	29°42.0'	087°20.8'	OVC	TS/LGT	2	300	17	1015.3	2-3	170	3-5	21.8	21.5	21.0	
02	29°41.6'	087°21.0'	OVC	TS/LGT	2	325	16	1015.9	2-3	170	3-5	21.8	20.5	20.5	
03	29°43.1'	087°20.9'	OVC		8-10	340	14	1016.0	2-3	170	3-5	20.8	20.2	19.8	
04	29°42.2' N	087°21.0' W	BKN	LGT	8-10	350	11	1014.8	2-3	160	3-5	21.8	20.3	18.9	
05	29°41.5' N	087°21.3' W	OVC	LGT	7-8	355	13	1015.1	2-3	150	3-5	21.7	20.1	18.2	
06	29°42.2'	087°21.0'	OVC	LGT	7	000	12	1015.4	2	155	4	21.7	18.4	17.0	
07															
08	29°42.4'	087°22.1'	OVC		10	020	15	1019.9	2-3	020	4-5	21.6	17.9	16.4	
09	29°42.8'	087°22.8'	BRK		10	020	11	1019.5	2-3	020	4-5	21.6	18.2	16.6	
10	29°42.2'	087°23.9'	BRK		10	035	13	1020.4	1-2	020	3-4	21.6	19.2	16.6	
11	29°40.8'	087°25.4'	SCT		10	030	9	1020.3	1-2	020	3-4	21.6	19.3	16.9	
12	29°39.8'	087°26.5'	SCT		10	020	8	1021.3	1-2	020	2-3	19.7	18.8	17.0	
13	29°38.9'	087°27.8'	SCT		10	015	10	1021.0	1-2	010	2-3	21.6	19.0	16.8	
14	29°38.0'	087°29.1'	BKN		10	020	7	1020.6	1-2	010	2-3	21.6	19.3	16.8	
15	29°37.3'	087°30.4'	OVC		10	340	8	1020.8	1-2	030	2-3	21.5	19.5	16.8	
16	29°37.8' N	087°30.3' W	OVC		10	300	6	1019.2	1-2	<sup>170</sup> 355	<del>2-3</del> 3-4	21.5	18.9	16.5	
17	29°43.5' N	087°23.3' W	OVC		10	350	10	1019.5	1-2	<sup>170</sup> 355	3-4	21.7	19.5	16.0	
18	29°43.3' N	087°23.9' W	BKN		10	030	09	1019.7	1-2	<sup>170</sup> 355	3-4	21.7	20.5	16.8	
19	29°42.6' N	087°24.3' W	BKN		10	020	11	1020.3	1-2	<sup>175</sup> 355	3-4	21.6	20.6	15.5	
20	29°39.7' N	087°28.1' W	<del>BKN</del>		10	030	15	1021.1	1-2	320	3-4	21.6	20.6	15.3	
21	29°30.9' N	087°29.6' W	OVC		10	020	15	1021.3	1-2	320	2-4	22.4	20.8	16.0	
22	29°20.6' N	087°30.8' W	OVC		10	005	20	1021.9	1-2	320	2-4	22.2	21.2	15.3	
23	29°13.7' N	087°34.8' W	OVC		10	020	12	1021.8	1-2	320	2-4	22.2	21.2	15.5	

0700 miles to DP for CTD

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship *OKEANOS EXPLORER (R-337)*

TIME ZONE  
*-5*

DAY OF WEEK  
*SATURDAY*

DATE (dd mmm yyyy)  
*31 MAR 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°08.1'	087°44.7'	OKC		10	015	14	1023.0	1-2	010	3-4	21.6	20.0	16.7
01	29°02.7'	087°54.3'	OKC		10	020	21	1022.9	1-2	005	3-4	21.2	19.5	16.0
02	28°57.7'	088°03.2'	OKC		10	030	22	1022.3	1-2	010	3-4	22.0	19.5	15.0
03	28°52.7'	088°12.1'	BKN		10	020	20	1021.9	1-2	020	3-4	23.2	19.3	15.8
04	28°47.7N	088°20.9W	BKN		10	030	20	1020.3	1-2	020	3-4	23.5	19.2	15.0
05	28°42.9N	088°30.4W	BKN		10	020	11	1020.1	1-2	020	3-4	23.7	19.3	15.1
06	28°37.6N	088°26.9W	<del>BKN</del> SCT		10	045	20	1020.5	1-2	020	3-4	23.4	19.4	16.0
07	28°42.0N	088°29.6W	FEW		10	060	20	1020.6	1-2	020	4-5	23.7	19.5	15.4
08	28°39.7N	088°28.0W	FEW		10	055	19	1021.2	1-2	020	4-5	23.6	19.9	15.7
09	28°39.8N	088°22.8W	SCT		10	050	21	1021.8	1-2	045	4-5	23.6	19.9	15.9
10	28°38.0N	088°23.1W	FEW		10	080	16	1022.4	1-2	<del>020</del> 070	4-5	23.6	20.2	16.0
11	28°40.2N	088°29.8W	FEW		10	080	18	1022.6	1-2	<del>020</del> 070	4-5	23.6	20.9	16.8
12	28°39.9'	088°28.6'	FEW		10	090	18	1023.0	1-2	065	4-5	23.7	20.3	16.8
13	28°38.2'	088°22.5'	FEW		10	090	13	1023.0	1-2	070	4-5	23.6	20.5	17.5
14	28°40.8'	088°31.7'	FEW		10	090	18	1022.0	1-2	070	4-5	23.5	20.0	17.5
15	28°42.4'	088°29.5'	FEW		10	100	17	1022.0	1-3	070	4-5	23.8	20.6	17.0
16														
17	28°38.9N	088°27.5W	FEW		10	105	10	1019.7	1-3	070	3-4	23.2	20.5	16.6
18	28°43.6N	088°30.4W	FEW		10	095	8	1019.4	1-3	070	3-4	23.8	20.4	16.5
19	28°38.7N	088°27.3W	SCT		10	107	12	1019.2	1-3	070	3-4	23.0	19.9	16.2
20	28°40.3N	088°22.1W	CLR		10	085	8.5	1019.7	1-3	070	3-4	23.4	19.9	16.1
21	28°43.1N	088°15.9W	CLR		10	065	9	1020.1	1-2	070	3-4	23.5	19.7	15.6
22	28°45.1N	088°09.3W	CLR		10	070	8	1020.2	1-2	070	3-4	23.5	19.8	15.6
23	28°48.6N	088°03.2W	CLR		10	065	8	1020.3	1-2	070	3-4	23.5	19.5	15.7

16000 CABLE CLS

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) TIME ZONE -5 DAY OF WEEK SUNDAY DATE (dd mmm yyyy) 01 APR 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	28° 52.2'	087° 57.8'	CLR		10	090	10	1021.0	1-2	060	3.4	22.8	19.7	16.5
01	28° 56.1	087° 52.1	CLR		10	105	10	1021.0	1-2	080	3.4	22.2	19.7	16.0
02	28° 59.9	087° 46.6	CLR		10	110	12	1020.0	1-2	080	3.4	21.4	19.9	16.2
03	29° 03.6	087° 41.1	CLR		10	110	12	1019.9	1-2	080	3.4	21.2	20.0	16.2
04	29° 07.7N	087° 35.1W	CLR		10	115	16	1017.2	1-2	080	3.4	21.7	19.7	15.6
05	29° 11.1 N	087° 29.9W	CLR		10	115	14	1017.2	1-2	080	3.4	21.7	20.2	15.6
06	29° 14.9N	087° 24.8W	FEW		10	110	12	1017.6	<1	080	1-2	22.4	20.4	15.6
07	29° 20.5 N	087° 22.6W	FEW		10	115	12	1018.0	<1	080	1-2	22.7	20.9	15.8
08	29° 28.4'N	087° 20.2'W	CLR		10	100	9	1018.9	<1	110	1-2	22.7	21.4	15.8
09	29° 31.3'N	087° 19.8'W	CLR		10	100	6	1019.4	<1	130	1-2	22.5	21.6	16.7
10	29° 31.2'N	087° 21.5'W	CLR		10	105	7	1019.8	<1	130	1-2	22.5	22.2	17.2
11	29° 31.3'N	087° 22.6'W	CLR		10	100	8	1020.1	<1	130	1-2	22.5	22.2	17.9
12	29° 31.4'	087° 24.1'	FEW		10	110	10	1020.5	<1	110	1-2	22.4	22.0	19.2
13	OPS													
14	OPS													
15	29° 32.1	087° 28.7	FEW		10	100	5	1018.8	<1	110	1-2	22.5	20.9	18.8
16	29° 32.4N	087° 29.7W	FEW		10	085	6	1016.8	<1	110	1-2	22.3	21.6	18.0
17	29° 32.8	087° 31.0	CLR		10	090	3	1016.4	<1	090	1	22.2	21.8	18.4
18	29° 32.9W	087° 31.4	CLR		10	120	8	1016.3	<1	090	1	22.2	22.4	18.9
19	29° 32.8N	087° 31.8W	CLR		10	130	10	1015.0	<1	090	1	22.4	21.0	22.4
20	29° 24.3'N	087° 30.2'W	CLR		10	120	12	1016.1	<1	090	1	23.7	21.2	19.4
21	29° 14.5'N	087° 31.5'W	FEW		10	100	12	1016.3	<1	100	1-2	22.4	21.3	19.8
22	29° 05.1'N	087° 34.8'W	FEW		10	110	9	1016.8	<1	070	1	21.99	21.5	20.1
23	29° 00.9'N	087° 32.5'W	FEW		10	120	6	1016.9	<1		1-2	21.8	21.6	20.1

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship		OKEANOS EXPLORER (R-337)		TIME ZONE	-5		DAY OF WEEK	MONDAY		DATE (dd mmm yyyy)	02 APR 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	LONGITUDE				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	28°58.8'	087°26.3'	FEW		10	140	8	1017.8	<1	080	1-2	21.8	21.9	21.2
01	28°58.2'	087°24.4'	FEW		10	140	7	1017.8	<1	080	1-2	21.8	22.0	20.8
02	29°00.3'	087°30.8'	FEW		10	145	8	1017.0	<1	080	1-2	21.9	22.5	21.2
03	29°02.1'	087°36.2'	SCT		10	165	8	1015.8	<1	080	1-2	21.9	21.9	21.2
04	29°00.2'N	087°30.5'W	SCT		10	190	8	1014.6	<1	080	1-2	21.9	22.0	20.7
05	28°58.3'N	087°24.6'W	SCT		10	160	10	1013.9	<1	080	1-2	21.7	21.9	20.7
06	28°58.7'N	087°25.7'W	SCT		10	165	9	1014.6	<1	080	1-2	21.7	22.0	20.8
07	28°58.6'N	087°25.7'W	SCT		10	160	9	1015.0	<1	080	1-2	21.8	22.1	20.8
08	28°57.7'N	087°25.4'W	SCT		10	160	8	1015.4	<1	<del>080</del> 150	1-2	21.8	22.4	20.9
09	28°56.9'N	087°24.8'W	FEW		10	160	6	1015.8	<1	080	1-2	21.8	24.2	21.8
10	28°57.2'N	087°24.9'W	FEW		10	160	5	1016.3	<1	090	1-2	21.9	25.2	22.2
11	28°57.4'N	087°25.1'W	FEW		10	145	5	1016.5	<1	<del>080</del> 160	1-2	22.2	25.5	22.4
12	28°57.7'N	087°25.1'W	FEW		10	145	5	1017.6	<1	110/170	1-2	22.4	24.3	23.0
13	28°58.0'N	087°25.1'W	FEW		10	150	8	1017.5	<1	110/170	1-2	22.5	23.9	22.7
14	28°58.0'N	087°27.6'W	SCT		10	150	12	1017.1	1	160	2-3	22.9	24.0	22.4
15	28°54.0'N	087°30.1'W	SCT		10	155	13	1016.1	1-2	150	2-3	23.4	24.8	23.0
16	28°36.2'N	087°32.9'W	SCT		10	155	16	1013.8	1-2	170	2-3	23.8	23.8	21.4
17	28°28.6'N	087°35.6'W	SCT		10	152	14	1013.7	1-2	170	2-3	24.0	24.0	21.4
18	28°19.9'N	087°38.9'W	SCT		10	150	13	1013.7	1-2	170	2-3	24.2	23.9	21.8
19	28°12.5'N	087°41.3'W	SCT		10	150	14	1013.4	1-2	170	2-3	24.2	23.8	21.8
20	28°04.2'N	087°44.3'W	CLR		10	150	13	1013.4	1-2	170	2-3	24.2	23.8	21.8
21	27°56.7'N	087°46.9'W	CLR		10	145	14	1013.7	1-2	170	2-3	24.3	23.9	22.2
22	27°46.1'N	087°49.9'W	CLR		10	125	14	1014.2	1-2	170	2-3	24.5	24.0	22.4
23	27°39.3'N	087°53.1'W	C		10	120	12	1014.2	1-2	170	2-3	23.2	23.8	22.4

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) TIME ZONE -5 DAY OF WEEK TUESDAY DATE (dd mmm yyyy) 03 APR 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°30.2'	087°56.3'	FEW		10	110	9	1015.3	1-2	170	2-3	23.9	24.0	22.5
01	27°29.6'	088°06.1'	CLR		10	125	11	1015.0	1-2	160	2-3	24.6	24.2	22.5
02	27°29.6'	088°13.7'	CLR		10	125	10	1014.2	1-2	160	2-3	24.7	24.2	22.5
03	27°29.5'	088°22.7'	CLR		10	125	13	1014.0	1-2	160	2-3	24.6	24.3	22.5
04	27°27.3'N	088°20.1W	CLR		10	135	10	1013.3	1-2	160	2-3	—	24.3	22.5
05	27°27.4'N	088°11.4'W	SCY		10	135	10	1013.4	1-2	140	1-3	24.6	24.3	22.6
06	27°27.4'N	088°01.9'W	SCY		10	145	16	1012.7	1-2	140	1-3	24.6	24.3	22.6
07	27°25.3'N	087°57.9'W	FEW		10	130	15	1013.9	1-2	140	1-3	24.1	24.1	22.6
08	27°25.3'N	087°06.9'W	FEW		10	130	13	1014.2	1-2	140	1-3	24.2	24.8	22.6
09	27°25.2'N	088°15.4'W	FEW		10	145	15	1014.9	1-2	160	1-3	24.6	25.0	22.7
10	27°25.2'N	088°23.3'W	FEW		10	145	10	1015.1	1-2	160	1-3	24.7	25.3	23.0
11	27°23.0'N	088°19.2'W	FEW		10	145	17	1015.2	2-3	160	2-4	24.7	25.9	23.2
12	27°23.1'	088°09.7'	FEW		10	150	17	1015.9	2-3	130	2-4	24.7	25.4	23.8
13	27°23.1'	087°59.3'	FEW		10	140	13	1015.4	2-3	130	2-4	24.8	25.2	23.8
14	27°20.9'	087°58.2'	FEW		10	120	8	1015.0	2-3	130	3-4	24.8	25.4	23.3
15	27°20.9'	088°07.7'	FEW		10	120	9	1014.3	2-3	155	3-4	24.9	25.7	23.8
16	27°20.9'N	088°16.5'W	FEW		10	140	8	1012.5	2-3	150	3-4	25.0	25.8	23.2
17	27°20.5'N	088°24.7'W	SCY		10	160	12	1012.0	2-3	150	3-4	25.1	25.6	23.2
18	27°18.7'N	088°13.2'W												
19	27°16.6'N	088°15.9'W	SCY		10	125	10	1012.1	2-3	150	3-5	24.9	22.0	23.1
20	27°16.5'N	088°24.9'W												
21	27°14.4'N	088°11.7'W	FEW		10	150	13	1012.5	2-3	150	3-5	24.9	24.9	23.0
22	27°17.3'N	088°14.1'W	CLR		10	145	10	1013.4	2-3	150	3-5	24.9	24.7	22.9
23	27°14.8'N	088°16.9'W	CLR		10	150	10	1013.5	2	130	3-4	24.98	24.9	23.0

1800 TRAFFIC  
2000 M/V/C/S FOR SURVEY LINE.

### DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) TIME ZONE -5 DAY OF WEEK WEDNESDAY DATE (dd mmm yyyy) 07 APR 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°32.5'	088°19.6'	CLR		10	170	9	1015.0	2	130	3.4	24.6	24.2	23.0
01	27°40.6'	088°22.0'	CLR		10	170	5	1015.0	2-1	130	<del>3.4</del> 2-3	24.4	24.3	23.3
02	27°49.8'	088°24.7'	CLR		10	VAR	LT	1015.3	<1	110	2-3	23.5	23.9	23.3
03	27°58.8'	088°25.5'	CLR		10	160	2	1015.2	1	110	2-3	23.7	23.5	23.0
04	28°06.8'N	088°26.1'W	BKN		10	140	4	1013.9	1	110	1-3	23.8	23.4	22.8
05	28°15.1'N	088°26.9'W	BKN		10	100	3	1013.8	1	110	1-3	22.8	23.3	22.7
06	28°22.9'N	088°27.2'W	BKN	LT	10	180	3	1014.6	1	110	1-3	23.6	23.4	23.0
07	28°30.3'N	088°27.8'W	BKN		10	260	4	1015.4	1	110	1-3	23.5	23.3	22.9
08	28°37.3'N	088°28.4'W	OVC	RA <sup>+</sup> , SQ	2	345	21	1017.2	2-3	345	2-3	23.3	17.9	17.8
09	28°39.1'N	088°28.8'W	OVC	RA <sup>-</sup>	10	000	1	1017.9	1-2	320	2-3	23.3	18.9	18.2
10	28°38.4'N	088°29.1'W												
11	28°38.4'N	088°30.7'W	BRK		10	115	5	1018.0	1-2	320	2-3	23.3	20.9	19.1
12	28°34.2'N	088°33.3'W	BKN		10	085	6	1019.4	1-2	000	2-3	23.4	21.1	20.0
13	28°39.1'N	088°29.1'W												*
14	28°39.1'N	088°28.5'W	BKN		10	050	4	1018.9	1-2	000	2-3	23.3	21.0	19.8
15	28°39.1'N	088°29.0'W	OVC	RA <sup>-</sup>	6-8	025	22	1018.8	1-3	025	3-4	23.4	24.5	24.0
16	28°38.4'N	088°27.2'W	BKN		10	030	18	1016.5	1-3	025	3-4	23.3	19.8	17.9
17	28°43.4'N	088°30.6'W	SCT		10	025	19	1016.5	1-3	025	3-4	23.3	19.6	16.9
18	28°50.3'N	088°36.3'W	SCT		10	030	20	1017.5	1-3	025	3-4	23.0	19.2	15.0
19	28°57.6'N	088°41.4'W	SCT		10	020	17	1018.0	1-3	025	3-4	22.2	19.4	14.2
20	29°05.1'N	088°47.0'W	FEW		10	015	18	1018.6	1-3	025	3-4	22.2	19.7	13.8
21	29°13.8'N	088°50.7'W	CLR		10	020	21	1019.2	1-3	025	3-4	21.6	19.9	13.4
22	29°22.2'N	088°54.4'W	CLR		10	030	20	1019.9	1-3	025	3-4	21.9	19.9	12.9
23	29°29.2'N	088°53.4'W	CLR		10	040	21	1020.1	1-3	025	3-4	21.9	19.4	12.9

0800 SQUALL PASSING THROUGH.

1000 m/v/c/s FOR OPS.

\*1300 m/v/c/s FOR CTD CAST/D.P.



## DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (K337)

TIME ZONE  
-5

DAY OF WEEK  
THURSDAY

DATE (dd mmm yyyy)  
05 APR 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° 35.0'	088° 46.1'	CLR		10	045	18	1021.0	1-3	025	3-4	22.0	18.8	13.8
01	29° 41.2	088° 38.1	FEW		10	035	20	1021.0	1-3	025	3-4	21.4	18.5	12.7
02	29° 47.4'	088° 30.2	FEW		10	045	18	1021.0	2-3	030	3-4	20.9	17.5	12.8
03	29° 52.5	088° 23.7	FEW		10	040	25	1020.6	2-3	030	3-4	20.7	16.3	11.4
04	29° 58.2 N	088° 21.2	FEW		10	040	23	1018.5	2-3	030	3-4	20.5	15.6	10.5
05	30° 03.4 N	088° 25.5 W	FEW		10	040	24	1019.3	2-3	030	3-4	20.9	15.1	10.0
06	30° 08.3 N	088° 29.6 W	FEW		10	040	21	1020.5	2-3	030	3-4	20.6	14.1	9.5
07	30° 08.7 N	088° 30.3 W	FEW		10	060	16	1020.8	2-3	030	3-4	—	13.9	9.8
08	30° 13.3 N	088° 30.3 W	CLR		10	060	21	1020.8	2-3	030	3-4	—	13.9	9.4
09														
10														
11														
12														
13														
14														
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