

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <i>OKEANOS EXPLORER</i>						TIME ZONE <i>-5</i>	DAY OF WEEK <i>WEDNESDAY</i>	DATE (dd mmm yyyy) <i>29 NOV 2017</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	<i>N</i>	<i>W</i>												
01														
02														
03														
04														
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13	<i>24°13.7</i>	<i>081°56.7</i>	<i>BKN</i>	<i>CU</i>	<i>10</i>	<i>050</i>	<i>11</i>	<i>1016.9</i>	<i>1-2</i>	<i>030</i>	<i>2-4</i>	<i>26.5</i>	<i>26.5</i>	<i>24.0</i>
14	<i>24°07.5</i>	<i>082°08.3</i>	<i>SCT</i>	<i>CU</i>	<i>10</i>	<i>060</i>	<i>15</i>	<i>1016.2</i>	<i>2-3</i>	<i>040</i>	<i>3-5</i>	<i>26.5</i>	<i>25.8</i>	<i>23.5</i>
15	<i>24°55</i>	<i>082°15.4</i>	<i>SCT</i>	<i>CU</i>	<i>10</i>	<i>060</i>	<i>15</i>	<i>1015.8</i>	<i>2-3</i>	<i>040</i>	<i>3-5</i>	<i>26.4</i>	<i>26.0</i>	<i>24.5</i>
16	<i>24°02.2 N</i>	<i>082°26.9 W</i>	<i>SCT</i>		<i>10</i>	<i>045</i>	<i>14</i>	<i>1015.3</i>	<i>2-3</i>	<i>040</i>	<i>3-5</i>	<i>26.5</i>	<i>28.3</i>	<i>25.5</i>
17	<i>24°04.4 N</i>	<i>082°37.9 W</i>	<i>SCT</i>		<i>10</i>	<i>040</i>	<i>15</i>	<i>1015.5</i>	<i>2-3</i>	<i>040</i>	<i>3-5</i>	<i>26.5</i>	<i>27.2</i>	<i>25.2</i>
18	<i>24°05.6</i>	<i>082°49.9</i>	<i>FEW</i>	<i>CU¹, CI</i>	<i>10</i>	<i>055</i>	<i>15</i>	<i>1016.4</i>	<i>2-3</i>	<i>035</i>	<i>3-5</i>	<i>26.2</i>	<i>25.4</i>	<i>24.2</i>
19	<i>24°05.6 N</i>	<i>083°01.5 W</i>	<i>FEW</i>		<i>10</i>	<i>060</i>	<i>13</i>	<i>1017.1</i>	<i>2-3</i>	<i>035</i>	<i>3-5</i>	<i>26.1</i>	<i>25.9</i>	<i>24.2</i>
20	<i>24°05.3 N</i>	<i>083°11.9 W</i>	<i>FEW</i>		<i>10</i>	<i>050</i>	<i>18</i>	<i>1018.0</i>	<i>2-3</i>	<i>035</i>	<i>3-5</i>	<i>26.4</i>	<i>25.7</i>	<i>24.3</i>
21	<i>24°02.1 N</i>	<i>083°22.4 W</i>	<i>FEW</i>		<i>10</i>	<i>050</i>	<i>15</i>	<i>1018.2</i>	<i>2-3</i>	<i>035</i>	<i>3-5</i>	<i>26.7</i>	<i>25.5</i>	<i>24.2</i>
22	<i>23°58.9 N</i>	<i>083°32.1 W</i>	<i>SCT</i>		<i>10</i>	<i>050</i>	<i>18</i>	<i>1018.5</i>	<i>2-3</i>	<i>035</i>	<i>3-5</i>	<i>26.6</i>	<i>25.5</i>	<i>24.5</i>
23	<i>23°55.6 N</i>	<i>083°41.4 W</i>	<i>SCT</i>		<i>10</i>	<i>060</i>	<i>13</i>	<i>1018.6</i>	<i>2-3</i>	<i>035</i>	<i>3-5</i>		<i>25.5</i>	<i>24.2</i>

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <i>OKEANOS EXPLORER (R-337)</i>						TIME ZONE <i>- 5</i>	DAY OF WEEK <i>THURSDAY</i>	DATE (dd mmm yyyy) <i>30 Nov 2017</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	<i>23°57.5 N</i>	<i>083°48.6 W</i>	<i>BKN</i>	<i>CU</i>	<i>10</i>	<i>050</i>	<i>15</i>	<i>1018.0</i>	<i>2-3</i>	<i>040</i>	<i>3-5</i>	<i>27.3</i>	<i>26.0</i>	<i>24.5</i>
01	<i>24°05.5</i>	<i>083°50.5</i>	<i>BKN</i>	<i>CU</i>	<i>10</i>	<i>070</i>	<i>20</i>	<i>1017.0</i>	<i>2-3</i>	<i>040</i>	<i>3-5</i>	<i>27.1</i>	<i>26.0</i>	<i>24.5</i>
02	<i>24°13.8</i>	<i>083°51.7</i>	<i>SCT</i>	<i>CU</i>	<i>10</i>	<i>070</i>	<i>20</i>	<i>1016.8</i>	<i>2-3</i>	<i>040</i>	<i>3-5</i>	<i>25.9</i>	<i>25.5</i>	<i>24.0</i>
03	<i>24°19.9</i>	<i>083°52.5</i>	<i>SCT</i>	<i>CU</i>	<i>10</i>	<i>070</i>	<i>15</i>	<i>1016.5</i>	<i>2-3</i>	<i>040</i>	<i>3-5</i>	<i>26.1</i>	<i>25.2</i>	<i>23.5</i>
04	<i>24°27.0 N</i>	<i>083°53.5 W</i>	<i>FEW</i>		<i>10</i>	<i>060</i>	<i>18</i>	<i>1016.2</i>	<i>2-3</i>	<i>040</i>	<i>3-5</i>	<i>25.7</i>	<i>24.8</i>	<i>22.8</i>
05	<i>24°33.7 N</i>	<i>083°54.5 W</i>	<i>FEW</i>		<i>10</i>	<i>050</i>	<i>19</i>	<i>1016.8</i>	<i>2-3</i>	<i>040</i>	<i>3-5</i>	<i>25.9</i>	<i>25.1</i>	<i>23.0</i>
06	<i>24°39.1</i>	<i>083°54.6</i>	<i>SCT</i>		<i>10</i>	<i>055</i>	<i>18</i>	<i>1017.9</i>	<i>2-3</i>	<i>080</i>	<i>3-5</i>	<i>26.1</i>	<i>24.8</i>	<i>23.3</i>
07	<i>24°39.1 N</i>	<i>083°54.7 W</i>	<i>SCT</i>		<i>10</i>	<i>060</i>	<i>17</i>	<i>1017.0</i>	<i>2-3</i>	<i>080</i>	<i>3-5</i>	<i>26.1</i>	<i>24.5</i>	<i>22.5</i>
08	<i>24°39.0</i>	<i>083°54.8</i>	<i>SCT</i>		<i>10</i>	<i>050</i>	<i>19</i>	<i>1018.7</i>	<i>2-3</i>	<i>050</i>	<i>3-5</i>	<i>26.1</i>	<i>25.0</i>	<i>23.0</i>
09	<i>24°39.0</i>	<i>083°54.8</i>	<i>SCT</i>		<i>10</i>	<i>055</i>	<i>16</i>	<i>1019.1</i>	<i>2-3</i>	<i>060</i>	<i>4-5</i>	<i>26.2</i>	<i>25.2</i>	<i>23.4</i>
10	<i>24°39.0</i>	<i>083°54.7</i>	<i>SCT</i>		<i>10</i>	<i>060</i>	<i>17</i>	<i>1019.0</i>	<i>2-3</i>	<i>060</i>	<i>4-5</i>	<i>26.2</i>	<i>25.2</i>	<i>23.4</i>
11	<i>24°39.1</i>	<i>083°54.5</i>	<i>SCT</i>		<i>10</i>	<i>047</i>	<i>15</i>	<i>1018.0</i>	<i>2-3</i>	<i>060</i>	<i>4-5</i>	<i>26.2</i>	<i>22.5</i>	<i>23.4</i>
12	<i>24°39.2</i>	<i>083°54.5</i>	<i>SCT</i>		<i>10</i>	<i>060</i>	<i>17</i>	<i>1017.8</i>	<i>2-3</i>	<i>060</i>	<i>4-5</i>	<i>26.2</i>	<i>25.2</i>	<i>23.0</i>
13	<i>24°39.2</i>	<i>083°54.5</i>	<i>SCT</i>		<i>10</i>	<i>060</i>	<i>17</i>	<i>1017.2</i>	<i>2-3</i>	<i>060</i>	<i>4-5</i>	<i>26.3</i>	<i>25.2</i>	<i>23.0</i>
14	<i>24°39.4 N</i>	<i>083°54.5 W</i>	<i>SCT</i>		<i>10</i>	<i>050</i>	<i>18</i>	<i>1015.0</i>	<i>2-3</i>	<i>050</i>	<i>4-5</i>	<i>26.1</i>	<i>24.5</i>	<i>22.5</i>
15														
16	<i>24°39.4</i>	<i>083°54.5</i>	<i>SCT</i>		<i>10</i>	<i>050</i>	<i>18</i>	<i>1015.0</i>	<i>2-3</i>	<i>050</i>	<i>4-5</i>	<i>26.1</i>	<i>24.5</i>	<i>22.5</i>
17	<i>24°39.5 N</i>	<i>083°54.2 W</i>	<i>SCT</i>		<i>10</i>	<i>040</i>	<i>17</i>		<i>2-3</i>	<i>050</i>	<i>4-5</i>			
18	<i>24°36.22 N</i>	<i>084°00.63 W</i>	<i>FEW</i>		<i>10</i>	<i>050</i>	<i>17</i>	<i>1016.9</i>	<i>2-3</i>	<i>020</i>	<i>4-5</i>	<i>25.8</i>	<i>24.5</i>	<i>22.2</i>
19	<i>24°32.2 N</i>	<i>084°09.4 W</i>	<i>FEW</i>		<i>10</i>	<i>050</i>	<i>17</i>	<i>1017.0</i>	<i>2-3</i>	<i>020</i>	<i>4-5</i>	<i>25.5</i>	<i>24.5</i>	<i>22.3</i>
20	<i>24°28.4 N</i>	<i>084°17.8 W</i>	<i>FEW</i>		<i>10</i>	<i>050</i>	<i>18</i>	<i>1017.2</i>	<i>2-3</i>	<i>020</i>	<i>4-5</i>	<i>27.5</i>	<i>24.4</i>	<i>22.5</i>
21	<i>24°24.2 N</i>	<i>084°26.3 W</i>	<i>FEW</i>		<i>10</i>	<i>040</i>	<i>16</i>	<i>1018.0</i>	<i>2-3</i>	<i>020</i>	<i>4-5</i>	<i>27.6</i>	<i>24.5</i>	<i>22.5</i>
22	<i>24°19.2 N</i>	<i>084°36.1 W</i>	<i>CLR</i>		<i>10</i>	<i>055</i>	<i>18</i>	<i>1018.0</i>	<i>2-3</i>	<i>020</i>	<i>4-5</i>	<i>27.6</i>	<i>24.5</i>	<i>22.0</i>
23	<i>24°21.1 N</i>	<i>084°39.9 W</i>	<i>FEW</i>		<i>10</i>	<i>055</i>	<i>18</i>	<i>1017.5</i>	<i>2-3</i>	<i>020</i>	<i>4-5</i>	<i>27.7</i>	<i>25.0</i>	<i>21.8</i>

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**1700 DEPARTING STATION*

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship		OKEANOS EXPLORER (R-337)		TIME ZONE	-5		DAY OF WEEK	FRIDAY		DATE (dd mmm yyyy)	01 DEC 2017			
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°25.5	084°31.4	SCT		10	050	16	1017.1	2-3	070	4-5	27.6	25.2	23.0
01	24°25.8	084°38.2	SCT		10	040	14	1017.8	2-3	070	4-5	27.6	25.0	23.0
02	24°25.9	084°45.3	SCT		10	070	14	1017.1	2-3	070	4-5	27.6	25.5	22.8
03	24°29.6	084°35.7			10	060	17	1016.9	2-3	070	4-5	27.6	25.5	23.0
04	24°31.9 N	084°26.3W	SCT		10	060	15	1016.3	2-3	070	4-5	27.6	25.0	22.0
05	24°34.9 N	084°14.9W	SCT		10	060	13	1016.4	2-3	070	4-5	27.5	24.9	22.2
06	24°37.6	084°06.1	SCT		10	060	13	1017.4	2-3	070	4-5	26.8	24.7	22.7
07	24°37.1	084°06.1	SCT		10	055	13	1018.0	2-3	050	4-5	26.8	25.0	23.0
08	24°37.6	084°06.3	SCT		10	070	13	1018.9	2-3	065	4-5	26.8	24.7	22.1
09	24°37.3	084°06.2	SCT		10	075	15	1019.1	2-3	070	4-5	26.9	24.9	22.4
10	24°37.3	084°06.2	SCT		10	060	15	1019.8	2-3	070	4-5	26.9	25.0	22.3
11	24°37.3	084°06.2	SCT		10	045	16	1019.5	2-3	065	4-5	27.0	25.1	22.3
12	24°37.4	084°06.3	SCT		10	050	17	1018.3	2-3	050	4-5	27.2	25.0	22.0
13	24°37.4	084°06.3	SCT		10	060	18	1017.9	2-3	050	4-5	27.3	24.8	21.9
14	24°37.4	084°06.3	SCT		10	050	15	1017.9	2-3	050	4-5	27.4	24.8	21.9
15	24°37.4	084°06.3	SCT		10	050	18	1017.9	2-3	050	4-5	27.4	24.8	22.2
16	24°37.6	084°06.2	SCT		10	065	15	1017.0	2-3	060	4-5	27.3	24.6	22.0
17	24°35.9 N	084°04.9 W	SCT		10	055	17	1016.8	2-3	060	4-5	27.3	24.6	21.0
18	24°38.9 N	084°06.3 W	SCT		10	050	17	1017.0	2-3	060	4-5	27.3	24.5	21.0
19	24°47.8 N	084°06.7 W	SCT		10	060	16	1018.0	2-3	060	4-5	27.1	24.2	20.5
20	24°54.1 N	084°11.6 W	SCT		10	060	16	1019.3	1-2	070	4-5	26.7	24.2	20.5
21	25°01.5 N	084°15.7 W	SCT		10	040	15	1019.7	1-2	070	4-5	26.9	24.1	20.5
22	25°00.9 N	084°20.3 W	SCT		10	040	14	1020.0	1-2	070	4-5	26.8	24.0	20.5
23	25°17.8 N	084°23.7 W	CLR SCT		10	060	12	1020.0	1-2	070	4-5	26.3	24.2	19.5

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <i>OCEANOS EXPLORER (R-337)</i>						TIME ZONE <i>-5</i>	DAY OF WEEK <i>SATURDAY</i>	DATE (dd mmm yyyy) <i>02 DEC 2017</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°27.4	084°26.3	CLR		10	050	11	1019.5	1-2	040	2-4	24.9	24.5	20.5
01	25°28.2	084°31.1	CLR		10	070	10	1019.3	1-2	040	2-4	25.1	24.5	20.5
02	25°47.8	084°34.8	CLR		10	070	13	1019.0	1-2	040	2-4	24.9	24.5	21.5
03	25°52.6	084°36.0	FEW		10	060	13	1019.0	1-2	040	2-4	25.2	24.5	21.5
04	25°42.5N	084°31.5W	FEW		10	040	12	1018.8	1-2	040	2-4	25.3	24.1	21.5
05	25°37.3N	084°31.4W	FEW		10	065	10	1018.4	1-2	040	2-4	25.0	24.2	22.5
06	25°40.6N	084°36.9W	FEW		10	085	10	1019.1	1-2 ⁰⁻¹	040	2-4 ¹⁻³	25.1	24.0	21.8
07	25°40.9N	084°37.2W	FEW		10	085	10	1020.0	1-2	045	1-3	25.1	24.2	22.0
08	25°40.9N	084°37.4W	CLR		10	070	11	1020.1	1-2	060	1-3	25.2	24.9	22.1
09	25°40.8'	084°37.2	FEW		10	090	10	1020.8	1-2	080	2-3	25.2	24.2	21.8
10	25°40.8'	084°37.2W	FEW		10	085	10	1021.2	1-2	080	2-3	25.1	25.5	22.5
11	25°40.9'	084°37.2W	CLR		10	075 ⁰⁸⁰	10	1021.1	1-2	080	2-3	25.0	25.0	22.1
12	25°40.8'N	084°37.2'W	CLR		10	065	10	1020.0	1-2	070	2-3	25.2	25.5	22.5
13	25°40.8'N	084°37.1'W	CLR		10	075	10	1019.5	1-2	060	1-3	25.2	27.0	23.2
14	25°40.8'N	084°37.0'W	CLR		10	080	10	1019.0	1-2	070	1-3	25.2	30.5	25.0
15	25°40.8'N	084°37.0'W	CLR		10	075	10	1018.8	1-2	070	2-3	25.2	33.5	26.8
16	25°40.9N	084°36.9W	CLR		10	065	10	1018.9	1-2	070	3-4	25.2	24.1	21.5
17														*
18	25°44.9'N	084°32.9'W	CLR		10	065	11	1019.0	1-2	070	3-4	25.0	24.0	21.4
19	25°52.7N	084°36.1W	CLR		10	060	10	1019.6	1-2	070	3-4	25.0	24.0	21.0
20	26°01.4'N	084°36.3'W	CLR		10	050	12	1020.0	1-2	060	3-4	25.1	24.1	20.8
21	26°11.6'N	084°38.4'W	CLR		10	070	12	1020.5	1-2	060	2-4	25.4	23.9	21.0
22	26°22.0'N	084°40.3'W	CLR		10	070	12	1021.0	1	070	2-4	25.6	24.0	20.8
23	26°29.3'N	084°44.9'W	CLR		10	060	10	1021.8	1	070	2-4	25.3	23.8	20.5

* 1700 DP OPS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship <i>OKEANOS EXPLORER (R-337)</i>							TIME ZONE <i>-5</i>	DAY OF WEEK <i>SUNDAY</i>	DATE (dd mmm yyyy) <i>03 DEC 2017</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	<i>26°32.0</i>	<i>084°40.3</i>	<i>CLR</i>		<i>10</i>	<i>030</i>	<i>8</i>	<i>1020.5</i>	<i>1</i>	<i>070</i>	<i>2-4</i>	<i>25.3</i>	<i>24.0</i>	<i>20.7</i>
01	<i>26°25.2</i>	<i>084°40.1</i>	<i>CLR</i>		<i>10</i>	<i>030</i>	<i>9</i>	<i>1020.0</i>	<i>1</i>	<i>100</i>	<i>2-4</i>	<i>25.8</i>	<i>23.8</i>	<i>20.8</i>
02	<i>26°32.1</i>	<i>084°40.8</i>	<i>CLR</i>		<i>10</i>	<i>050</i>	<i>10</i>	<i>1019.9</i>	<i>1</i>	<i>100</i>	<i>2-4</i>	<i>25.3</i>	<i>24.0</i>	<i>21.0</i>
03	<i>26°25.1</i>	<i>084°41.0</i>	<i>CLR</i>		<i>10</i>	<i>040</i>	<i>8</i>	<i>1019.9</i>	<i>1</i>	<i>100</i>	<i>2-4</i>	<i>25.6</i>	<i>24.0</i>	<i>20.5</i>
04	<i>26°30.1 N</i>	<i>084°41.7 W</i>	<i>CLR</i>		<i>10</i>	<i>040</i>	<i>10</i>	<i>1019.3</i>	<i>1</i>	<i>100</i>	<i>2-4</i>	<i>25.4</i>	<i>24.0</i>	<i>20.0</i>
05	<i>26°26.2 N</i>	<i>084°42.1 W</i>	<i>CLR</i>		<i>10</i>	<i>030</i>	<i>8</i>	<i>1019.5</i>	<i>1</i>	<i>100</i>	<i>2-4</i>	<i>25.4</i>	<i>24.0</i>	<i>20.5</i>
06	<i>26°26.8 W</i>	<i>084°45.4 W</i>	<i>CLR</i>		<i>10</i>	<i>050</i>	<i>10</i>	<i>1019.9</i>	<i>1</i>	<i>070</i>	<i>2-4</i>	<i>25.3</i>	<i>23.9</i>	<i>20.1</i>
07	<i>26°26.6' N</i>	<i>084°45.8' W</i>	<i>CLR</i>		<i>10</i>	<i>070</i>	<i>12</i>	<i>1020.0</i>	<i>1</i>	<i>075</i>	<i>2-3</i>	<i>25.3</i>	<i>23.9</i>	<i>20.2</i>
08	<i>26°26.6' N</i>	<i>084°45.8' W</i>	<i>CLR</i>		<i>10</i>	<i>065</i>	<i>11</i>	<i>1020.2</i>	<i>1-2</i>	<i>075</i>	<i>2-3</i>	<i>25.3</i>	<i>24.8</i>	<i>21.2</i>
09	<i>26°26.7' N</i>	<i>084°45.6' W</i>	<i>FEW</i>		<i>10</i>	<i>070</i>	<i>11</i>	<i>1020.8</i>	<i>1-2</i>	<i>080</i>	<i>2-3</i>	<i>25.3</i>	<i>24.7</i>	<i>21.2</i>
10	<i>26°26.7' N</i>	<i>084°45.5' W</i>	<i>FEW</i>		<i>10</i>	<i>070</i>	<i>9</i>	<i>1021.0</i>	<i>0-2</i>	<i>075</i>	<i>2-3</i>	<i>25.3</i>	<i>24.5</i>	<i>20.8</i>
11	<i>26°26.7' N</i>	<i>084°45.6' W</i>	<i>FEW</i>		<i>10</i>	<i>075</i>	<i>8.5</i>	<i>1021.1</i>	<i>0-1</i>	<i>080</i>	<i>2-3</i>	<i>25.3</i>	<i>25.5</i>	<i>22.1</i>
12	<i>26°26.7' N</i>	<i>084°45.6' W</i>	<i>CLR</i>		<i>10</i>	<i>090</i>	<i>8</i>	<i>1021.0</i>	<i>0-1</i>	<i>080</i>	<i>2-3</i>	<i>25.4</i>	<i>25.8</i>	<i>21.9</i>
13	<i>26°26.7</i>	<i>084°45.6</i>	<i>FEW</i>		<i>10</i>	<i>090</i>	<i>7</i>	<i>1019.5</i>	<i>0-1</i>	<i>090</i>	<i>2-3</i>	<i>25.4</i>	<i>24.5</i>	<i>20.5</i>
14	<i>26°26.8</i>	<i>084°45.6</i>	<i>FEW</i>		<i>10</i>	<i>080</i>	<i>6</i>	<i>1018.8</i>	<i>0-1</i>	<i>100</i>	<i>2-3</i>	<i>25.5</i>	<i>24.5</i>	<i>21.0</i>
15	<i>26°26.8 W</i>	<i>084°45.7 W</i>	<i>FEW</i>		<i>10</i>	<i>090</i>	<i>6</i>	<i>1018.8</i>	<i>0-1</i>	<i>100</i>	<i>2-3</i>	<i>24.5</i> <i>25.5</i>	<i>24.5</i>	<i>21.0</i> <i>MC</i>
16	<i>26°26.8' N</i>	<i>084°45.7' W</i>	<i>FEW</i>		<i>10</i>	<i>085</i>	<i>6</i>	<i>1018.8</i>	<i>0-1</i>	<i>100</i>	<i>2-3</i>	<i>25.6</i>	<i>24.2</i>	<i>20.9</i>
17														<i>MC</i>
18	<i>26°34.4 N</i>	<i>084°44.3 W</i>	<i>FEW</i>		<i>10</i>	<i>082</i>	<i>8</i>	<i>1017.4</i>	<i>0-1</i>	<i>070</i>	<i>2-3</i>	<i>25.4</i>	<i>24.0</i>	<i>21.0</i>
19	<i>26°45.2 N</i>	<i>084°47.6 W</i>	<i>SCT</i>		<i>10</i>	<i>090</i>	<i>9</i>	<i>1019.0</i>	<i>0-1</i>	<i>078</i>	<i>2-3</i>	<i>25.8</i>	<i>23.5</i>	<i>21.5</i>
20	<i>26°52.7' N</i>	<i>084°52.0' W</i>	<i>SCT</i>		<i>10</i>	<i>070</i>	<i>7</i>	<i>1020.0</i>	<i><1</i>	<i>070</i>	<i>2-3</i>	<i>25.8</i>	<i>23.5</i>	<i>21.5</i>
21	<i>27°01.3' N</i>	<i>084°56.3' W</i>	<i>SCT</i>		<i>10</i>	<i>100</i>	<i>5</i>	<i>1020.0</i>	<i><1</i>	<i>070</i>	<i>2-3</i>	<i>25.5</i>	<i>24.6</i>	<i>21.0</i> <i>MC</i>
22	<i>27°08.1' N</i>	<i>084°59.1' W</i>	<i>SCT</i>		<i>10</i>	<i>100</i>	<i>4</i>	<i>1020.0</i>	<i><1</i>	<i>090</i>	<i>2-3</i>	<i>25.5</i>	<i>23.5</i>	<i>20.3</i>
23	<i>27°11.2' N</i>	<i>085°03.8' W</i>	<i>BKN</i> <i>SCT</i>		<i>10</i>	<i>100</i>	<i>8</i>	<i>1020.0</i>	<i><1</i>	<i>110</i>	<i>2-3</i>		<i>23.3</i>	<i>20.2</i> <i>MC</i>

** (1700) DP OPS*

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship <i>OKEANOS EXPLORER (R-337)</i>							TIME ZONE <i>-5</i>	DAY OF WEEK <i>MONDAY</i>	DATE (dd mmm yyyy) <i>04 DEC 2017</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	27°23.7'N	085°07.2'W	BKN		10	130	9	1020.0	0-1	070 120	1-2	25.2	23.2	20.0
01	27°20.6'N	085°16.5'W	BKN		10	100	7	1020.0	0-1	120	1-2	25.2	23.5	20.5
02	27°16.2'N	085°25.7'W	BKN		10	100	6	1020.0	0-1	130	1-2	25.2	23.5	20.2
03	27°15.7'N	085°31.9'W	BKN		10	110	7	1019.2	0-1	150	1-2	25.2	23.5	20.5
04	27°22.4'N	085°38.2'W	SCT		10	090	9	1019.0	0-1	150	1-2	25.5	23.2	20.6
05	27°23.5'N	085°34.5'W	SCT		10	090	8	1019.3	0-1	150	1-2	24.7	23.5	20.0
06	27°22.6'N	085°26.9'W	SCT		10	080	11	1019.8	0-1	150	1-2	25.1	23.9	20.0
07	27°22.8'N	085°26.8'W	SCT		10	090	12	1020.0	0-1	120	1-2	25.1	23.9	19.9
08	27°21.3'N	085°26.5'W	SCT		10	090	12	1020.8	1-2	110	2-3	25.1	24.1	20.9
09	27°21.2'N	085°26.3'W	SCT		10	110	17	1020.8	2-3	080	3-4	25.1	24.0	20.9
10	27°21.2'N	085°26.1'W	OVC		10	110	18	1021.1	2-3	105	3-4	25.1	23.9	21.8
11	27°21.2'N	085°26.0'W	OVC		10	109	17	1020.9	2-3	105	3-4	25.1	24.0	21.4
12	27°21.1'N	085°26.0'W	SCT		10	125	13	1020.0	2-3	100	3-4	25.2	24.8	21.0
13	27°21.1'N	085°26.0'W	SCT		10	145	15	1020.0	2-3	110	3-4	25.2	24.8	21.5
14	27°21.1'N	085°26.0'W	SCT		10	135	13	1020.0	2-3	100	3-4	25.2	24.8	21.5
15	27°21.1'N	085°26.9'W	SCT		10	135	12	1019.9	2-3	100	3-5	25.2	24.5	21.0
16	27°21.0'N	085°25.9'W	SCT		10	125	15	1019.8	2-3	100	3-5	25.1	24.2	21.0
17	27°21.1'N	085°25.9'W	SCT		10	115	15	1019.9	2-3	100	3-5	25.1	24.1	20.8
18	27°21.1'N	085°25.9'W	FEW		10	115	16	1020.0	2-3	130	4-5	25.1	24.4	21.6
19	27°20.9'N	085°25.4'W	FEW		10	105	17	1020.0	2-3	130	4-5	25.1	24.0	21.1
20	27°18.9'N	085°31.1'W	FEW		10	110	18	1020.5	1-2	100	4-5	25.1	24.0	22.0
21	27°20.0'N	085°40.8'W	FEW		10	110	14	1020.8	1-2	100	4-5	25.4	24.0	22.0
22	27°22.4'N	085°47.4'W	FEW		10	105	18	1020.8	1-2	100	4-5	24.9	24.0	21.5
23	27°16.5'N	085°45.9'W	FEW		10	090	14	1020.8	1-2	130	4-5	24.8	24.0	22.0

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship <i>OKEANOS EXPLORER (R-337)</i>							TIME ZONE <i>-5</i>	DAY OF WEEK <i>TUESDAY</i>	DATE (dd mmm yyyy) <i>05 DEC 2017</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	27°22.8'N	085°51.5'W	FEW		10	120	15	1020.5	1-2	060	4-5	24.7	23.8	21.5
01	27°29.4'N	085°57.6'W	FEW		10	110	12	1020.8	1-2	060	4-5	25.2	23.8	21.5
02	27°36.4'N	086°03.9'W	CLR		10	115	13	1020.0	1-2	070/180	4-5	25.5	23.8	21.8
03	27°43.4'N	086°10.1'W	BKN		10	135	16	1020.0	1-2	080/150	4-6	25.0	23.8	21.8
04	27°49.3'N	086°15.3'W	BKN		10	130	13	1019.9	1-2	080/150	4-6	25.8	23.6	21.5
05	27°55.1'N	086°20.6'W	BKN		10	140	16	1020.0	1-2	080/150	4-6	25.7	24.0	21.8
06	27°59.8'N	086°25.6'W	BKN		10	140	16	1020.0	1-2	150	4-6	25.8	24.5	21.6
07	28°00.4'N	086°26.6'W	BKN		10	140	14	1020.0	1-2	150	4-6	25.9	24.4	22.0
08	28°00.7'N	086°26.7'W	BKN		10	140	14	1021.1	1-2	140	4-6	26.0	24.8	21.8
09	28°00.2'N	086°26.5'W	SCT		10	145	14	1021.0	2-3	140	5-6	26.1	24.9	22.5
10	28°00.2'N	086°26.4'W	SCT		10	140	16	1021.5	2-3	140	5-7	26.1	24.9	22.6
11	28°00.2'N	086°26.3'W	SCT		10	140	14	1020.9	2-3	140	5-7	26.2	25.8	23.2
12	28°00.3'N	086°26.3'W	SCT		10	150	14	1020.0	2-3	150	5-7	26.2	25.2	22.0
13	28°00.3'N	086°26.3'W	SCT		10	150	14	1020.0	2-3	150	5-7	26.1	25.2	22.0
14	28°00.5'N	086°26.3'W	SCT		10	155	14	1019.5	2-3	150	5-7	26.0	25.2	22.0
15	28°00.3'N	086°26.2'W	SCT		10	145	12	1019.2	1-3	150	5-7	25.9	25.2	22.0
16	28°00.3'N	086°26.2'W	SCT		10	160	13	1019.2	1-2	150	5-6	25.9	25.6	23.1
17	27°58.8'N	086°25.3'W	BKN		10	150	14	1019.1	1-2	140	5-6	25.8	25.1	22.7
18	28°05.9'N	086°20.9'W	BKN		10	170	10	1018.1	1-2	140	5-6	25.8	25.1	22.5
19	28°10.1'N	086°26.3'W	BKN		10	170	9	1019.2	1-2	140	5-6	26.0	25.0	22.5
20	28°19.8'N	086°33.8'W	BKN		10	170	10	1019.9	1-2	140	5-6	25.7	25.0	23.8
21	28°26.2'N	086°41.2'W	BKN	SQ	10	160	12	1019.9	1-2	140/160	5-6	25.4	25.0	23.5
22	28°32.9'N	086°48.7'W	BKN	SQ	10	150	8	1020.0	1-2	140	5-7	24.3	22.1	21.8
23	28°39.8'N	086°56.6'W	OVC		10	330	12	1020.0	1-2	140	5-7	24.2	22.0	21.7

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship <i>OKEANOS EXPLORER (R-337)</i>						TIME ZONE <i>-5</i>	DAY OF WEEK <i>WEDNESDAY</i>	DATE (dd mmm yyyy) <i>06 DEC 2017</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	28°45.1	087°06.7	OVC	VCRA	10	130	8	1019.0	2-4	140	4-6	24.4	22.0	21.0
01	28°39.6	086°54.4	OVC	RA	3	210	16	1018.8	2-4	140	4-6	24.2	21.5	21.5
02	26°01.1	084°36.6	OVC	RA	2	230	9	1018.3	1-3	180	4-6	24.5	21.5	21.0
03	28°32.1	087°02.7	OVC	VCRA	8	290	20	1018.2	1-2	180	3-5	24.4	22.5	21.8
04	28°28.9 N	087°16.0 W	OVC		8	310	16	1018.0	1-2	180	3-5	24.6	22.1	21.5
05	28°25.7 N	087°17.5 W	OVC	RA-	8	320	5	1019.5	1-2	180 ¹⁹⁰	3-5	24.3	21.5	20.5
06	28°23.4 N	087°22.9 W	OVC	DZ	10	VAR	LT	1016.3	1-2		3-5	24.6	21.5	20.6
07	28°23.2 N	087°22.3 W	OVC		10	VAR	LT	1018.0	0	180	3-4	24.6	21.8	21.5
08	28°22.4 N	087°21.6 W	BKN		10	VAR	5	1017.2	0	180 ¹⁸⁰	3-4	24.5	22.1	21.8
09	28°22.8 N	087°19.6 W	BKN		10	VAR	5	1018.5	0-1	120	3-4	24.4	22.8	22.0
10														
11	28°28.1 N	087°12.3 W	BKN		10	000	14	1019.1	1-2	180	4-5	24.7	24.1	22.9
12	28°35.8 N	087°08.0 W	BKN		10	000	14	1019.5	2-3	180 ⁰¹⁰	4-5	24.8	22.5	21.0
13	28°45.9 N	087°03.5 W	OVC		8	025	30	1017.9	2-4	010	4-6	24.5	19.2	18.5
14	28°51.8 N	087°09.9 W	OVC	VCRA	8	025	33	1018.0	3-5	010	5-7	24.4	18.2	17.0
15	28°51.2 N	087°06.6 W	OVC		8	010	25	1018.0	3-5	010	6-7	24.3	18.5	17.5
16	28°46.2 N	086°59.2 W	OVC	RA-	8	020	19	1017.3	3-5	010	6-7	24.5	18.1	17.0
17	28°40.2 N	086°52.5 W	OVC	RA-	8	015	13	1016.3	3-5	010	6-7	24.7	13.1	12.1
18	28°33.1	086°46.5	OVC		8	020	14	1017.0	3-5	010	6-7	24.9	19.0	17.7
19	28°26.9 N	086°39.6 W	OVC		8	018	16	1017.7	3-5	010	6-7	25.5	24.5	18.1
20	28°21.0 N	086°32.8 W	OVC		10	035	18	1018.0	3-5	010	6-7	25.6	20.5	19.5
21	28°14.3 N	086°25.2 W	OVC	RA-	10	020	15	1018.0	3-5	010	6-7	25.5	21.0	20.2
22	28°08.5 N	086°18.6 W	OVC	DZ	10	035	20	1017.9	3-5	010	6-7	25.5	20.5	20.5
23	28°04.2 N	086°10.3 W	OVC	RA+	10	040	20	1018.0	3-5	010	6-7	25.7	20.2	19.8

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship **OKEANOS EXPLORER (R-337)** TIME ZONE **-5** DAY OF WEEK **THURSDAY** DATE (dd mmm yyyy) **07 DEC 2017**

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°08.5 N	086°15.0 W	OVC	VCRA	10	040	21	1018.0	3-5	010	6-7	25.6	20.2	19.0
01	28°13.1 N	086°21.0 W	OVC		10	050	22	1017.5	3-5	010	6-7	25.5	19.2	18.5
02	28°18.9 N	086°27.7 W	OVC		10	040	23	1017.1	3-5	010	6-7	25.6	17.8	17.0
03	28°23.0 N	086°32.5 W	OVC		10	040	21	1017.0	3-5	010	6-7	25.2	17.5	17.0
04	28°29.7 N	086°38.6 W	OVC		10	050	24	1016.5	3-5	010	6-7	24.7	18.0	17.7
05	28°32.9 N	086°41.4 W	OVC	RA	10	040	24	1016.4	3-5	010	6-7	24.5	18.0	17.1
06	28°38.4 N	086°49.3 W	OVC	RA	9	045	27	1015.9	3-5	010	6-8	24.5	17.0	16.2
07	28°44.0 N	086°55.7 W	OVC		9	035	29	1016.7	3-5	010	6-8	24.4	16.5	15.8
08	28°49.2' N	086°58.3' W	OVC	RA	8	040	30	1017.5	3-5	010	7-9 ¹⁰⁻¹²	24.3	15.0	14.7
09	28°53.0' N	086°58.5' W	OVC	RA	9	045	29	1019.0	3-5	010	8-12	—	14.7	13.8
10	28°58.5' N	086°58.8' W	OVC	RA	9	040	29	1019.0	3-5	010	8-12	—	14.5	13.5
11	29°03.5' N	086°59.3' W	OVC	DZ	10	040	29	1019.0	3-5	010	8-12	—	14.3	13.0
12	29°08.5' N	086°59.6' W	OVC		10	060	30	1017.8	3-5	010	8-12	—	14.8	13.2
13	29													
14	29°18.2' N	086°58.1' W	OVC	DZ	8	060	25	1016.5	3-5	010	8-12	—	13.5	12.8
15	29°16.4' N	086°55.3' W	OVC	RA	3	020	25	1017.0	3-5	010	8-12	24.2	14.0	14.0
16	29°09.6' N	086°52.8' W	OVC		8	020	25	1015.9	3-5	010	8-12	24.6	14.2	13.9
17	29°01.6' N	086°52.8' W	OVC		3	035	30	1016.2	3-5	010	8-12	24.2	14.0	13.8
18	28°53.2 N	086°52.8 W	OVC		6-8	025	25	1016.3	3-5	030	8-12	24.3	14.8	14.7
19	28°44.7' N	086°52.8' W	OVC	DZ	6-8	025	30	1016.9	3-5	030	8-12	24.8	15.0	14.0
20	28°43.4' N	086°53.8' W	OVC	LTC	6-8	050	40	1017.5	4-5	030	8-12	24.5	14.5	14.0
21	28°47.1' N	086°53.7' W	OVC	RA	6-8	050	35	1015.5	4-5	030	8-12	24.6	14.0	13.0
22	28°51.0' N	086°53.7' W	OVC	DZ	8	050	32	1015.1	4-5	030	8-12	24.2	14.8	13.8
23	28°55.5' N	086°53.7' W	OVC		10	080	28	1015.0	4-5	030	8-12	24.2	15.5	14.2

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DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship **OKEANOS EXPLORER (R-337)** TIME ZONE **-5** DAY OF WEEK **FRIDAY** DATE (dd mmm yyyy) **08 DEC 2017**

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°59.8	086°53.7	OVC	DZ	10	060	26	1015.0	4-5	030	8-12	24.1	15.5	14.5
01	29°04.0	086°53.6	OVC	DZ	10	060	25	1015.0	4-5	030	8-12	24.1	15.0	14.3
02	29°08.6	086°53.7	OVC		10	040	27	1014.1	4-5	030	8-12	24.2	14.6	13.5
03														
04	29°00.9 N	086°54.3 W	OVC		10	035	28	1012.9	4-5	030	8-12	24.1	14.1	13.8
05	28°54.5 N	086°54.3 W	OVC	RA*	10	050	24	1012.0	4-5	030	8-12	24.2	14.1	13.6
06	28°48.9 N	086°54.3 W	OVC	VCLTG	10	040	24	1010.5	4-5	030	8-12	23.9	14.8	14.7
07	28°43.7 N	086°55.2 N	OVC		10	045	31	1010.0	4-5	030	8-12	23.9	15.0	14.5
08	28°48.5 N	086°55.3 N	OVC		10	045	21	1010.5	4-5	030	10-14	23.9	15.4	14.7
09	28°53.8	086°55.2	OVC		8-10	035	29	1010.9	4-5	025	10-14	24.6	10.1	9.5
10	28°58.9	086°55.3	OVC	RA	2-3	020	29	1011.9	4-5	020	10-14	24.0	13.9	13.9
11	29°03.0	086°55.3	OVC	RA-	5-6	015	30	1012.8	4-5	030	10-14	24.0	13.1	12.8
12	29°00.7 N	086°55.2 W	OVC	RA	5	020	32	1011.7	4-5	030	10-14	24.0	12.2	11.5
13	29°10.5 N	086°55.3 W	OVC	RA	3	040	32	1011.2	4-6	030	10-14	24.1	11.2	10.5
14	29°14.7 N	086°55.2 W	OVC	V CRA	8	010	20	1010.0	4-5	030	10-14	24.1	12.5	11.2
15	29°19.5 N	086°55.2 W	OVC	RA	2	350	28	1011.0	4-5	030	10-14	23.7	11.8	11.0
16	29°23.1 N	086°55.2 W	OVC	RA	9	000	25	1010.9	4-5	030	10-14	23.6	11.7	10.7
17	29°27.3 N	086°55.3 W	OVC	RA	9	350	21	1010.0	4-5	030	10-14	23.4	11.0	10.2
18	29°27.9 N	087°00.8 W	OVC		9	355	22	1012.0	4-5	030	9-13	23.5	12.1	11.5
19	29°25.8 N	087°07.3 W	OVC		9	020	18	1012.3	4-5	030	8-12	23.7	12.0	11.5
20	29°23.3 N	087°14.5 W	OVC		10	345	18	1012.0	4-5	030	8-12	22.9	12.0	11.5
21	29°20.3 N	087°27.3 W	OVC		10	000	18	1015.0	4-5	030	8-12	23.4	11.5	11.0
22	29°17.3 N	087°31.7 W	OVC		10	355	18	1014.8	4-5	030	8-12	23.8	11.8	10.7
23	29°14.8 N	087°38.7 W	OVC		10	330	20	1016.0	4-5	030	8-12	23.9	11.5	10.5

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship **OKEANOS EXPLORER (R-337)** TIME ZONE **-5** DAY OF WEEK **SATURDAY** DATE (dd mmm yyyy) **09 DEC 2017**

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°12.1 N	087°46.5 W	OVC		10	320	20	1017.0	4-5	030	8-12	23.8	10.3	9.5
01	29°09.4	087°54.6	OVC		10	330	25	1016.3	4-5	030	8-12	23.9	10.3	9.5
02	29°07.2	088°01.4	OVC		10	330	22	1017.0	4-5	030	8-12	23.8	9.7	8.7
03	29°05.2	088°07.3	OVC		10	320	24	1017.3	4-5	030	8-12	23.8	9.7	8.8
04	29°02.9 N	088°14.3 W	OVC		10	310	25	1018.0	4-5	030	8-12	23.8	8.5	7.5
05	29°00.1 N	088°22.7 W	BKN		10	325	24	1018.4	4-5	030	8-12	23.8	8.5	7.5
06	28°58.7'	088°26.9'	BKN		10	310	27	1019.0	4-5	030	8-12	23.8	8.0	6.5
07	28°57.5' N	088°29.9' W	BKN		10	310	25	1020.0	4-5	310 330	8-12	23.8	6.9	5.5
08	28°56.4' N	088°33.7' W	BKN		10	310	25	1021.0	4-5	310	8-12	23.8	7.0	5.5
09	28°58.4' N	088°28.9' W	BKN		10	300	14	1022.0	3-5	310	8-10	23.8	7.5	5.0
10	28°59.1	088°27.5	SCT		10	320	23	1022.5	3-5	325	8-10	23.8	8.0	5.9
11	28°59.2' N	088°27.8' W	SCT		10	320	22	1022.7	3-5	325	8-10	23.8	8.2	6.0
12	28°59.2	088°27.6	SCT		10	310	12	1022.9	3-5	325	8-10	23.8	8.2	5.3
13	28°59.4' N	088°27.6' W	FEW		10	300	20	1021.2	3-5	325	8-10	23.5	10.0	7.1
14														
15														
16	28°59.4' N	088°27.6' W	FEW		10	300	20	1021.2	3-5	325	8-10	23.5	10.0	7.1
17	28°59.4' N	088°27.6' W	FEW		10	310	20	1021.5	3-5	325	8-10	23.5	9.9	7.0
18	28°59.4' N	088°27.6' W	CLR		10	300	15	1022.0	2-4	325	6-8	23.6	10.0	7.0
19	28°59.7' N	088°27.8' W	CLR		10	300	15	1022.9	2-3	325	6-8	23.6	11.0	8.7
20	28°55.6' N	088°27.1' W	CLR		10	315	18	1024.0	2-3	325	6-8	23.7	11.8	9.3
21	28°45.7' N	088°25.3' W	CLR		10	330	22	1024.7	2-3	325	6-8	23.3	12.2	8.8
22	28°35.5' N	088°23.5' W	CLR		10	335	22	1025.0	2-3	325	6-8	24.0	12.5	10.0
23	28°29.5' N	088°22.4' W	CLR		10	340	20	1026.0	2-3	325	6-8	24.5	13.2	10.2

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DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship **OKEANOS EXPLORER (R-337)** TIME ZONE **-5** DAY OF WEEK **SUNDAY** DATE (dd mmm yyyy) **10 DEC 2017**

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°15.8 N	088°21.4 W	FEW		10	350	20	1026.8	2-3	325	6-8	25.2	13.3	10.0
01	28°04.9 N	088°19.4 W	SCT		10	350	13	1026.8	2-3	325	6-8	25.4	13.3	10.5
02	27°55.1 N	088°17.5 W	SCT		10	350	18	1026.5	2-3	325	6-8	25.6	13.5	10.3
03	27°48.2 N	088°16.2 W	SCT		10	350	17	1026.0	2-3	325	6-8	25.6	14.0	11.0
04	27°40.7 N	088°14.0 W	BKN		10	340	14	1025.8	2-3	325	6-8	25.3	14.5	11.8
05	27°40.5 N	088°13.0 W	BKN		10	DIS	15	1025.5	2-3	325	6-8	25.3	14.3	11.5
06	27°42.2 N	088°23.8 W	SCT		10	350	12	1025.9	2-3	290	5.7	25.4	14.0	10.6
07	27°43.5 N	088°25.0 W	SCT		10	000	14	1026.1	2-3	290	5.6	25.4	14.4	11.6
08	27°44.4 N	088°26.2 W	SCT		10	005	12	1027.1	2-3	340	5.6	25.5	15	11.1
09	27°41.7 N	088°27.8 W	SCT		10	005	10	1017.5	2-3	340	4-6	25.2	15.2	12.2
10														
11	27°42.3 N	088°26.6 W	SCT		10	000	4	1018.5	1-3	350	3-5	25.1	17.2	13.5
12	27°42.9 N	088°26.7 W	SCT		10	310	8	1028.0	1-3	340	3-5	25.0	17.0	12.5
13	27°42.9 N	088°26.7 W	SCT		10	300	3	1027.0	1-3	340	3-5	25.2	17.0	13.0
14	27°43.0 N	088°26.6 W	SCT		10	280	4	1026.8	1-2	330	2-4	25.3	17.5	13.2
15	27°42.9 N	088°26.6 W	SCT		10	315	6	1026.5	1-2	330	2-4	25.4	17.2	13.0
16	27°42.8 N	088°26.7 W	SCT		10	310	10	1026.3	1-2	330	2-4	25.4	17.2	13.0
17	27°42.9 N	088°26.7 W	SCT		10	300	7	1026.0	1-2	330	2-4	25.5	17.5	13.2
18	27°43.1 N	088°26.8 W	SCT		10	300	6	1027.0	1-2	330	2-4	25.5	17.0	12.8
19	27°44.0 N	088°26.9 W	SCT		10	300	13	1027.0	1-2	330	2-4	25.4	16.5	12.0
20	27°41.8 N	088°32.8 W	FEW		10	320	12	1027.8	1-2	330	2-4	25.3	16.5	12.4
21	27°40.3 N	088°44.7 W	FEW		10	320	12	1027.8	1-2	330	2-4	24.9	17.0	12.8
22	27°39.1 N	088°56.2 W	FEW		10	330	14	1027.7	1-2	330	2-4	24.8	17.2	13.0
23	27°37.9 N	088°07.9 W	CLR		10	300	14	1028.0	1-2	330	2-4	24.8	17.5	12.5

* ARRIVING ON STATION FOR ROV LAUNCH

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship **OKEANOS EXPLORER (R-337)** TIME ZONE **-5** DAY OF WEEK **MONDAY** DATE (dd mmm yyyy) **110 ECL7**

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	27°36.6	089°18.9	CLR		10	320	10	1027.2	1-2	330	2-4	23.5	17.0	12.0
01	27°35.0	089°30.9	CLR		10	330	13	1026.8	1-2	330	2-4	23.4	17.2	12.5
02	27°33.9	089°42.8	CLR		10	300	8	1026.9	1-2	330	2-4	24.0	17.5	13.5
03	27°33.0	089°41.3	CLR		10	290	10	1026.5	1-2	330	2-4	23.8	17.5	13.5
04	27°30.5N	089°44.3W	CLR		10	285	11	1026.0	1-2	330	2-4	24.0	18.0	13.5
05	27°30.2N	089°38.2	—		10	320	13	1025.8	1-2	330	2-4	23.7	17.8	13.5
06	27°31.1'N	089°42.1'W	FEW		10	320	8	1025.0	1-2	330	2-4	23.9	17.9	14.0
07	27°31.3'N	089°42.4'W	FEW		10	300	8	1027.0	1-2	320	2-3	23.9	17.8	14.0
08	27°31.5'N	089°41.9'W	FEW		10	315	9	1027.0	1-2	320	2-4	23.8	17.2	13.8
09	27°31.5'	089°42.0'	FEW		10	320	11	1027.0	1-2	320	2-4	23.9	17.4	13.1
10	27°31.6'N	089°42.1'W	FEW		10	300	10	1027.0	1-2	320	2-4	23.9	17.5	13.9
11	27°31.7'N	089°42.2'W	FEW		10	320	10	1027.0	1-2	320	2-4	23.9	17.9	14.0
12	27°31.7'N	089°42.2'W	FEW		10	295	10	1026.0	1-2	320	2-3	24.0	18.9	14.0
13	27°31.7'N	089°42.3'W	FEW		10	295	6	1025.0	1-2	320	1-3	24.1	20.8	15.0
14	27°31.6'N	089°42.4'W	FEW		10	255	6	1023.2	1-2	320	1-3	24.5	19.8	14.2
15	27°31.6'N	089°42.4'W	FEW		10	270	10	1024.1	0-1	320	1-2	24.5	19.5	14.0
16	27°31.6'N	089°42.5'W	FEW		10	300	11	1022.5	0-1	270	2-3	24.6	19.8	14.9
17	27°31.6'N	089°42.4'W	FEW		10	300	12	1021.0	0-1	270 / 320	2-3	24.6	18.5	14.1
18	27°29.8N	089°50.5W	SCT		10	315	12	1021.3	0-1	270 / 320	2-3	24.6	18.9	14.5
19														
20	27°24.6N	090°11.9N	SCT		10	250	10	1022.0 / 1024.0	<1	270	2-3	24.7	19.2	14.5
21	27°20.6'N	090°21.7'N	FEW		10	270	10	1023.0	<1	270	2-3	24.4	19.5	15.2
22	27°16.8'N	090°32.6'N	CLR		10	270	12	1023.0	<1	270	2-3	24.2	19.5	15.2
23	27°13.1'N	090°44.0'N	CLR		10	275	13	1023.1	<1	270	2-3	24.7	19.8	15.5

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DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship **OKEANOS EXPLORER (R-337)** TIME ZONE **-6** DAY OF WEEK **TUESDAY** DATE (dd mmm yyyy) **12 DEC 2017**

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°10.4	090°56.4	CLR		10	270	13	1022.5	<1	270	2-3	23.8	19.9	15.5
01	27°07.8	091°07.6	CLR		10	290	10	1022.0	<1	270	2-3	23.9	20.0	16.0
02	27°02.5	091°14.2	CLR		10	270	12	1021.5	<1	270	2-3	23.8	20.0	16.8
03	27°03.6	091°14.4	FEW		10	280	15	1021.3	<1	270	2-3	23.8	20.2	16.0
04	27°05.9 N	091°09.9 W	FEW		10	290	17	1020.9	<1	270	2-3	23.9	20.9	16.5
05	27°05.9 N	091°14.1 W			10	295	16	1019.9	<1	270	2-3	23.8	21.0	16.5
06	27°07.5 N	091°09.7 W	SCT		10	300	21	1020.0	<1	270	2-3	23.8	21.0	18.0
07	27°06.5 N	091°10.1 W	FEW		10	310	18	1020.5	1-2	270	2-3	23.8	21.4	18.0
08	27°02.6 N	091°11.2 W	SCT		10	310	19	1019.9	1-3	290	4-5	24.0	21.5	18.1
09	27°02.7 N	091°11.6 W	FEW		10	310	23	1021.1	2-3	300	4-6	24.0	22.0	18.1
10	27°02.7 N	091°11.5 W	FEW		10	310	19	1021.4	2-3	310	4-6	24.0	22.0	18.4
11	27°02.7 N	091°11.4 W	FEW		10	310	20	1021.1	2-3	310	5-7	24.0	21.9	17.0
12	27°02.7 N	091°11.4 W	FEW		10	355	22	1020.1	2-3	310	5-7	24.0	23.5	18.8
13	27°02.7 N	091°11.4 W	FEW		10	020	19	1019.9	2-3	320	5-7	24.0	23.0	18.0
14	27°02.9 N	091°11.2 W	FEW		10	015	18	1019.2	2-3	330	5-7	24.0	23.0	16.0
15	27°03.0 N	091°11.2 W	FEW		10	025	15	1019.0	3-4	330	6-8	24.0	22.2	15.0
16	27°03.2 N	091°11.1 W	FEW		10	350	15	1019.7	2-3	350	6-8	23.9	19.0	13.2
17														*
18	26°58.7	091°19.5	FEW		10	345	17	1020	2-3	290	5-7	23.7	18.4	14.2
19	26°53.6 N	091°29.7 W	FEW		10	000	13	1021.0	2-3	290	5-7	24.5	18.5	13.9
20	26°48.2 N	091°40.8 W	FEW		10	355	15	1021.3	1-2	290	5-7	24.7	18.7	14.8
21	26°42.0 N	091°51.3 W	FEW		10	005	15	1021.9	1-2	290	5-7	24.6	18.8	15.1
22	26°37.7 N	092°02.3 W	FEW		10	360	15	1022.0	1-2	290	5-7	24.5	18.8	15.5
23	26°32.7 N	092°12.4 W	FEW		10	005	15	1021.9	1-2	290	5-7	24.4	18.7	15.2

* DISENGAGED DR. M/V/C/S DEPARTING STATION

DECK LOG - WEATHER OBSERVATION SHEET

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

TIME ZONE
-6

DAY OF WEEK
WEDNESDAY

DATE (dd mmm yyyy)
13 DEC 2017

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	26°27.8	092°22.5	FEW		10	360 ^R 000	15	1021.3	1-2	290	5-7	24.3	18.3	14.5
01	26°26.4	092°22.8	FEW		10	360	16	1021.2	1-2	290	5-7	24.2	18.2	13.5
02	26°25.9	092°21.6	FEW		10	350	16	1021.3	1-2	290	5-7	24.2	17.7	13.7
03	26°22.6	092°25.8	SCT		10	350	12	1021.0	1-2	290	5-7	24.2	18.0	13.5
04	26°26.2	092°16.7W	SCT		10	000	5	1020.8	1-2	290	5-7	24.3	12.8	13.7
05	26°21.3N	092°25.9W	SCT		10	350	9	1020.0	1-2	290	5-7	24.1	18.0	13.0
06	26°25.3N	092°20.9W	SCT		10	000	6	1020.0	1-2	290	5-7 4-5	24.1	17.8	14.2
07	26°25.0N	092°21.1W	SCT		10	050	7	1020.9	1-2	290	4-5	24.1	17.2	14.0
08	26°25.0'N	092°21.0'W	SCT		10	055	8	1020.9	1-2	355	3-5	24.1	17.8	14.1
09	26°25.3	092°21.0	SCT		10	000	LT	1021.4	1-2	330	3-5	24.1	17.4	15.0
10	26°25.4	092°21.0	SCT		10	315	3	1021.9	1-2	340	3-5	24.2	18.8	9.8
11														
12	26°25.5N	092°21.0W	SCT		10	240	4	1020.5	0-1	340	3-5	24.2	19.8	15.0
13	26°25.7'N	092°21.1'W	SCT		10	270	2	1019.2	0-1	340	3-4	24.2	20.0	15.5
14	26°25.8'N	092°21.1'W	SCT		10	235	5	1018.2	0-1	330	3-4	24.2	21.2	15.8
15	26°25.7'N	092°21.3'W	OVC		10	260	6	1018.2	0-1	330	3-4	24.3	20.8	15.5
16	26°25.9N	092°21.4W	OVC		10	245	5	1018.0	0-1	340	3-4	24.2	19.9	15.2
17	26°26.2'N	092°21.4'W	OVC		10	250	5	1017.9	0-1	340	2-3	24.2	20.5	18.0
18	26°25.5N	092°25.1W	BRK		10	200	6	1017.3	0-1	340	2-3	24.5	19.5	15.0
19	26°24.7'N	092°36.9'W	FEW		10	200	9	1017.0	0-1	340	2-3	23.9	19.2	15.5
20	26°24.7'N	092°48.7'W	FEW		10	230	5	1017.8	0-1	340	2-3	24.1	20.0	15.3
21	26°24.8'N	093°00.2'W	FEW		10	240	8	1017.2	0-1	340	2-3	24.0	19.8	16.0
22	26°24.9'N	093°11.3'W	FEW		10	195	10	1017.0	0-1	340	2-3	24.7	20.0	16.2
23	26°25.0'N	093°22.5'W	FEW		10	198	10	1016.9	0-1	340	2-3	24.9	20.1	16.9

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship **OKEANOS EXPLORER (R-337)** TIME ZONE **-6** DAY OF WEEK **THURSDAY** DATE (dd mmm yyyy) **14 DEC 2017**

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	26°25.1	093°33.6	FEW		10	210	14	1016.5	<1	340	2-3	24.8	20.8	16.5
01	26°25.1	093°43.4	FEW		10	210	16	1015.5	<1	340	2-3	24.9	21.0	16.8
02	26°26.4	093°52.1	FEW		10	220	10	1015.1	<1	340	2-3	24.9	21.0	17.5
03	26°27.5	093°47.4	FEW		10	210	14	1014.9	<1	340	2-3	24.8	21.5	16.8
04	26°27.8N	093°50.5W	FEW		10	230	11	1014.9	<1	340	2-3	24.9	21.5	17.0
05	26°27.8N	093°49.2W	FEW		10	220	12	1012.9	<1	340	2-3	24.8	21.9	17.9
06	26°25.9'N	093°49.5'W	SCT		10	215	12	1013.0	1-2	340	1-3	24.9	22.0	18.5
07	26°26.0N	093°49.5W	SCT		10	230	14	1014.0	1-2	320	1-3	24.7	22.2	17.8
08	26°26.1'N	093°49.5'W	SCT		10	215	11	1014.7	1-2	220	3-4	24.9		
09	26°25.9'N	093°49.7'W	SCT		10	200	7	1016.1	1-2	220	3-4	24.9	22.5	19.8
10	26°25.9'N	093°49.7'W												
11	26° 25.9 9'N	093°49.7'W	SCT		10	190	5	1015.5	<1	210	1-2	24.9	24.1	21.0
12	26°25.9'N	093°49.8'W	OVC		10	180	8	1015.0	<1	210	1-2	24.9	23.8	19.8
13														
14	26°25.9'N	093°50.0'W	OVC		10	200	10	1012.5	<1	210	1-2	24.8	23.5	20.0
15	26°25.8'N	093°50.0'W	OVC		10	200	12	1013.0	1-2	210	1-2	24.8	24.0	19.8
16	26°25.9'N	093°50.0'W	OVC		10	200	6	1013.0	1-2	210	1-2	24.8	24.2	20.8
17														
18	26°30.8'	093°44.1'	OVC		10	195	11	1014.0 1015.0	1-2	210	1-2	24.8	23.9	20.2
19	26°37.9'N	093°34.7'W	BRK		10	175	12	1014.2	1-2	210	1-2	24.8	23.7	20.9
20	26°44.8'N	093°26.1'W	BKN		10	190	12	1015.5	1-2	210	1-2	24.8	24.0	21.2
21	26°51.2'N	093°17.5'W	OKN		10	200	12	1015.8	1-2	210	1-2	24.4	23.8	21.5
22	26°57.4'N	093°08.7'W	BKN		10	200	14	1015.7	1-2	210	1-2	24.6	23.9	21.5
23	27°04.9'N	092°59.0'W	BKN		10	190	15	1015.9	1-2	210	1-2	24.1	23.6	21.5

1700 Ron RECON (R)

DECK LOG - WEATHER OBSERVATION SHEET

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

TIME ZONE
- 6

DAY OF WEEK
FRIDAY

DATE (dd mmm yyyy)
15 DEC 2017

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	27°09.6	092°53.7	BKN		10	190	17	1015.1	1-2	210	1-2	24.0	23.0	21.0
01	27°15.9	092°45.4	OVC		10	190	15	1014.9	1-2	210	1-2	23.9	23.2	21.3
02	27°22.8	092°36.5	OVC		10	200	18	1014.3	1-2	210	1-2	23.7	23.0	21.2
SR 03	27°27.6	092°30.0	OVC	KGRA	10	310	6	1015.0	1-2	210	3-5	23.7	21.0	20.0
04	27°33.5	092°22.5	OVC	RA ⁺	06	040	24*	1014.9	1-2	210	3-5	23.7		
05	27°38.9	092°17.0	OVC	RA ⁺	06	030	25	1014.0 ³⁻⁴	1-2	210	3-5	23.6	17.5	16.2
06	27°42.1	092°13.2	OVC	RA ⁺	6	020	25	1015.8	3-4	350	5-6	23.7	17.5	17.5
07	27°41.8	092°13.1	OVC	RA	6	025	25	1017.5	3-4	025	6-7	23.7	12.2	12.1
08	27°37.5	092°14.5	OVC	RA	6	025	25	1019.7	3-4	025	6-7	23.7	17.0	17.0
09	27°28.3	092°19.5	OVC	RA-	5	015	28	1020.0	3-4	025	6-7	23.7	17.6	17.2
10	27°19.6	092°25.7	OVC	RA-	8			1020.0	3-4		6-7	23.7		
11	27°15.1	092°25.1	OVC		8	015	19	1020.0	3-4	025	6-7	23.2	18.0	16.0
12	27°10.4	092°27.1	OVC	RA	5	000	29	1019.9	5-6	025	8-9	24.2	17.0	16.0
13	27°02.6	092°25.5	OVC		8	020	27	1019.2	5-6	025	8-10	24.1	17.5	16.8
14	27°03.4	092°22.0	OVC	KGRA	8	045	29	1019.0	5-7	025	9-11	24.1	16.8	15.0
15	27°08.2	092°23.8	OVC	RA	6	060	30	1019.0	5-7	025	10-12	24.1	17.0	14.8
16	27°06.6	092°24.8	OVC	DZ	8	035	27	1019.3	5-7	025	10-12	24.1	17.0	14.9
17	27°05.9	092°22.8	OVC		8	025	23	1019.6	5-7	020	10-12	24.1	17.5	11.0
18	27°04.4	092°20.9	OVC		8	045	21	1019.2	5-7	020	10-12	24.1	17.8	15.0
19	27°08.3	092°21.6	OVC		8	040	20	1021.1	5-7	020	10-12	24.2	17.9	15.2
20	27°12.7	092°23.1	BKN		10	040	20	1021.8	5-7	020	10-12	24.1	17.7	15.1
21	27°16.9	092°23.5	BKN		10	060	20	1021.9	4-6	020	10-12	24.0	17.2	14.8
22	27°19.7	092°23.2	BKN		10	045	20	1022.3	4-6	020	9-10	24.2	17.2	14.5
23			BKN		10	050	15	1022.8	3-5	030	8-10	23.8	17.2	15.1

NO HAZARD: SQUALL

DECK LOG – WEATHER OBSERVATION SHEET

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

TIME ZONE
-6

DAY OF WEEK
SATURDAY

DATE (dd mmm yyyy)
16 DEC 2017

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	27°25.0	092°19.7	OVC		10	060	21	1022.0	3-5	030	8-10	23.6	17.2	15.0
01	27°27.9	092°17.8	OVC		10	050	13	1022.2	3-5	030	8-10	23.4	17.0	15.0
02	27°32.2	092°15.5	OVC		10	080	15	1021.5	3-5	030	8-10	23.6	17.0	15.2
03	27°34.9	092°14.4	OVC		10	050	16	1021.0	3-5	030	8-10	23.6	17.0	15.2
04	27°38.2N	092°13.2W	BKN		10	030	17	1020.8	3-5	030	7-8	23.6	16.9	14.9
05	27°41.2N	092°12.8W	BKN		10	060	14	1020.0	3-5	030	5.7 5.6	23.6	16.8	14.8
06	27°42.1'N	092°13.3'W	OVC		10	040	15	1020.5	3-5	030	4-6	23.6	16.8	15.0
07	27°42.1'N	092°13.3'W	OVC		10	050	20	1020.5	3-4	050	3-4	23.6	17.0	15.5
08	27°42.1'N	092°13.3'W	OVC		10	060	20	1021.5	3-4	050	4-5	23.6	17.5	16.0
09	27°42.2'N	092°13.1'W	OVC		10	070	22	1021.5	3-5	055	4-6	23.6	17.9	16.5
10	27°42.2'N	092°13.0'W	OVC		10	070	22	1021.1	3-5	050	4-6	23.6	19.0	17.0
11	27°42.4'N	092°13.1'W	BRK		10	080	23	1021.9	5-7	055	5-7	23.6	19.8	18.0
12	27°42.4'N	092°13.1'W	BRK		10	085	25	1019.5	4-6	050	6-8	23.6	20.5	18.8
13	27°42.4'N	092°13.0'W	OVC		8	090	20	1018.3	4-6	050	7-9	23.6	20.8	19.3
14	27°42.5'N	092°10.4'W	OVC		6	090	20	1017.0	4-6	060	7-9	23.6	21.8	20.0
15	27°40.6'N	092°02.8'W	OVC		6	095	20	1017.3	4-6	060	8-10	23.6	22.2	20.8 22.8
16	27°39.8	091°55.6	OVC		6	100	24	1017.0	4-6	080	8-10	23.4	22.8	21.5
17	27°38.7	091°45.4	OVC		8	105	19	1017.0	4-5	080	7-9	23.3	23.0	22.0
18	27°37.2'N	091°34.9'W	OVC		10	105	20	1017.0	4-6	080	8-10	23.3	23.0	21.0
19	27°34.7'N	091°24.7'W	OVC		10	110	21	1018.0	4-6	080	8-10	23.6	23.5	22.0
20	27°35.5'N	091°14.5'W	BKN		10	125	25	1018.3	4-6	090	8-10	23.6	23.8	22.5
21	27°35.6'N	091°02.9'W	SCT BL		10	140	20	1018.5	4-6	120	8-10	23.5	24.0	22.7
22	27°37.0'N	091°09.4'W	FEW		10	130	18	1019.0	3-5	120	8-10	23.5	24.0	22.7
23	27°37.8'N	091°20.0'W	FEW		10	140	18	1019.0	3-5	120	8-10	23.6	24.0	22.5

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship **OKEANOS EXPLORER (R-337)** TIME ZONE **-6** DAY OF WEEK **SUNDAY** DATE (dd mmm yyyy) **17 DEC 2017**

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°38.6	091°15.4	FEW		10	150	21	1018.3	3-5	120	8-10	23.6	24.3	22.8
01	OPS													
02	27°39.8	091°15.0	CLR		10	140	17	1016.5	3-5	120	8-10	23.4	24.2	22.7
03	27°41.2	091°22.2	CLR		10	170	22	1016.5	3-5	120	8-10	23.5	24.5	23.5
04	27°41.1N	091°11.3W	CLR		10	180	23	1016.5	3-5	120	8-10	23.4		
05	27°42.4N	091°12.1W	FEW		10	165	20	1017.1	3-5	120	8-10	23.5	24.5	23.1
06	27°38.9N	091°19.2W	BKN		10	190	15	1016.9	3-5	120	8-10	23.5	24.2	23.1
07	27°39.6	091°19.4	BKN		8-10	150	12	1017.9	3-5	120 / 170	5-7	23.5	24.3	23.6
08	27°40.0'N	091°20.9'W	BKN		8-10	175	16	1018.2	3-5	120 / 170	5-7	23.5	24.1	23.0
09	27°40.0'	091°20.9'	BKN		6-8	170	13	1019.0	2-3	120 / 170	7-10	23.6	24.3	23.9
10														
11	27°39.8'N	091°20.6'W	OVC		5-7	175	15	1018.5	3-4	150	7-10	23.6	24.8	23.9
12	27°39.8'N	091°20.7'W	OVC		5	190	14	1017.1	4-5	VAR	7-10	23.6	25.0	24.0
13	27°39.8	091°20.9	BKN		7	220	14	1017.1	4-5	VAR	7-10	23.7	24.5	24.0
14	27°39.8'N	091°20.9'W	OVC		7	245	10	1017.1	4-5	VAR	7-10	23.7	25.0	24.0
15	27°39.8'N	091°21.0'W	OVC	RA	3	010	17	1017.0	4-5	VAR	7-10	23.7	25.5	24.5
16	27°39.8'N	091°21.0'W	OVC		7-10	035	18	1017.9	3-5	020	7-8	23.7	21.8	21.0
17	27°39.8'N	091°20.5'W	OVC	RA -	7-8	035	18	1017.9	4-5	020	7-9	23.7	21.7	20.9
18	27°39.0'N	091°15.5'W	OVC		7-8	035	19	1018.5	4-5	020	7-9	23.6	21.5	21.0
19	27°39.2'N	091°04.8'W	OVC		7-8	035	18	1019.0	4-5	020	7-9	23.6	22.0	21.9
20	27°40.0'N	090°53.4'W	OVC		9-10	070	14	1019.9	4-5	020	7-9	23.5	22.9	22.5
21	27°41.4'N	090°42.9'W	BKN		10	060	8	1020.2	4-5	020	7-9	23.1	23.1	22.8
22	27°44.2'N	090°32.7'W	BKN		10	100	10	1020.5	3-4	020	7-9	23.4	23.5	22.9
23	27°50.4'N	090°24.4'W	OVC		10	090	10	1020.5	3-4	020	7-9	23.1	23.2	22.5

*1000 ROV DEPLOYMENT

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship *OKEANOS EXPLORER (R-337)*

TIME ZONE
-6

DAY OF WEEK
MONDAY

DATE (dd mmm yyyy)
18 DEC 2017

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	27°52.7	090°14.1	BKN		10	150	6	1020.5	3-4	020	7-9	23.0	23.7	23.3
01	27°57.0	090°04.4	SCT		10	160	6	1020.6	3-4	020	7-9	22.9	23.7	23.5
02	28°05.3	089°54.9	CLR		10	180	7	1020.3	3-4	020	7-9	23.8	23.7	23.5
03	28°11.0	089°51.7	FEW		10	170	6	1020.1	3-4	020	7-9	23.2	24.0	24.0
04	28°14.6 N	089°42.5 W	SCT	LTG	10	180	9	1020.0	3-4	020	7-9	23.2	24.0	24.0
05	28°09.3 N	089°49.6 W	CLR FEW		10	190	12	1020.0	3-4	020	6-9	24.1	24.0	24.0
06	28°09.0	089°45.7	CLR	HZ-	10	180	8	1020.0	2-3	110	6-7	24.2	24.0	24.0
07	28°09.1' N	089°45.8' W	CLR	HZ-	8-10	185	8	1020.5	1-2	110	3-4	24.2	24.0	23.8
08	28°09.1' N	089°45.8' W	CLR	HZ-	8-10	190	8	1022.8	1-2	110	3-4	24.3	25.0	24.5
09	28°09.00' N	089°45.7' W	CLR	HZ-	8-10	190	7	1022.8	<1	150	1-3	24.2	25.4	24.8
10	28°09.07' N	089°45.7' W	CLR	HZ	8-10	190	7	1023.0	<1	150	2-4	24.3	25.9	24.9
11	28°09.2' N	089°45.7' W	SCT	HZ+	8-9	200	5	1021.5	<1	140	2-3	24.3	26.5	25.2
12	28°09.4' N	089°45.7' W	CLR	HZ	10	230	5	1022.0	<1	120	2-4	24.3	25.5	24.8
13	28°09.3' N	089°45.8' W	FEW	HZ	9	240	3	1021.0	<1	110 / ₁₅₀	3-4	24.4	26.0	25.0
14	28°09.3' N	089°46.0' W	FEW	HZ	9	240	3	1020.7	<1	110 / ₁₅₀	3-4	24.3	26.8	25.2
15	28°09.4' N	089°46.1' W	SCT	HZ	8	VAR	LT	1020.2	<1	110 / ₁₅₀	2-3	24.3	27.8	26.0
16	28°09.4' N	089°46.1' W	SCT	HZ-	8	VAR	LT	1020.7	<1	110 / ₁₅₀	2-3	24.3	26.0	24.5
17	28°09.0	089°45.8	SCT	HZ-	8	VAR	LT	1021.0	<1	090 / ₁₅₀	2-3	24.3	28.3	26.1
18	28°13.7' N	089°46.5' W	SCT	HZ	6	050	4	1021.5	1-2	070 / ₁₅₀	2-3	24.3	24.1	23.0
19	28°18.2' N	089°36.8' W	BKN	DZ-	6	050	8	1022.0	1-2	070	4-5	24.2	23.5	22.7
20	28°26.2' N	089°22.2' W	BKN	HZ	5	070	5	1023.5	1-2	070	4-5	23.0	23.5	23.0
21	28°29.4' N	089°20.5' W	BKN	HZ	6.5	100	7	1024.0	<1	070	4-5	22.1	23.2	22.8
22	28°32.1' N	089°09.3' W	SCT BKN		7.8	100	7	1024.0	<1	070	4-5	23.1	23.5	23.0
23														

2300: TRAFFIC

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship **OKEANOS EXPLORER (R-337)** TIME ZONE **-6** DAY OF WEEK **TUESDAY** DATE (dd mmm yyyy) **19 DEC 2017**

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°40.3	088°52.5	FEW	HZ	7-8	100	9	1023.0	<1	070	4-5	23.2	23.2	23.2
01	28°39.5	088°42.0	CLR		10	110	9	1022.5	<1	070	4-5	23.5	23.5	23.0
02	28°38.9	088°33.1	CLR		10	110	9	1022.2	<1	070	4-5	23.6	23.9	23.5
03	28°38.1	088°22.0	FEW		10	130	10	1022.0	<1	070	4-5	24.2	24.0	23.5
04	28°37.4N	088°13.2W	FEW		10	170	16	1021.3	<1	070	4-5	24.5	24.1	23.0
05	28°35.9N	088°08.2W	CLR FEW		10	145	10	1022.0	<1	070	4-5	24.3	24.1	22.9
06	28°37.4N	088°10.5W	CLR		10	165	16	1021.9	2-3	175	1	24.5	24.0	22.9
07	28°36.8N	088°10.5W	FEW		10	150	12	1021.3	3-4	170	1-2	24.2	24.3	22.8
08	28°36.8	088°10.3	FEW		10	170	15	1022.8	1-2	160	2-3	24.1	24.6	23.3
09	28°36.7	088°10.4	FEW		10	150	17	1022.8	1-2	160	2-3	24.1	24.8	23.0
10	28°36.7N	088°10.4W	FEW		10	150	15	1022.8	1-2	160	2-3	24.1	24.7	22.7
11	28°36.8N	088°10.5W	SCT		10	160	14	1022.5	1-2	160	2-3	24.1	24.8	22.1
12	28°36.9N	088°10.5W	SCT		10	170	10	1021.1 1022.1	<1	150	1-3	24.5	25.0	22.8
13	28°36.9N	088°10.6W	SCT		10	170	12	1020.0	<1	150	1-2	24.5	25.5	23.0
14	28°37.0N	088°10.6W	SCT		10	190	11	1020.0	<1	150	1-2	24.2	25.7	23.0
15	28°37.2N	088°10.6W	SCT		10	175	10	1019.5	1-2	150	1-3	24.3	25.2	23.0
16	28°37.2N	088°10.5W	SCT		10	165	11	1020.0	1-2	150	1-3	24.3	25.8	24.0
17	28°37.2	088°10.5	SCT		10	165	12	1019.6	1-2	155	2-3	24.4	24.8	23.4
18	28°37.2N	088°10.5W	FEW		10	165	12	1019.9	2-3	155	2-3	24.5	24.2	23.0
19	28°37.0N	088°10.3W	FEW		10	160	9	1020.0	2-3	155	2-3	24.5	24.3	23.5
20	28°38.3N	088°09.4W	FEW		10	160	12	1020.1	1-2 2-3	155	2-3	24.4	24.5	24.0
21	28°38.0N	088°09.1W	FEW		10	170	12	1020.3	1-2	155	2-3	24.4	24.5	23.5
22	28°38.9N	088°09.5W	SCT FEW		10	170	10	1020.0	<1	155	2-3	24.4	24.5	23.8
23			BKN			180	10	1020.0	<1	155	2-3	24.4	24.5	23.8

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <i>OKEANOS EXPLORER (R-337)</i>								TIME ZONE <i>-6</i>	DAY OF WEEK <i>WEDNESDAY</i>	DATE (dd mmm yyyy) <i>20 DEC 2017</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	<i>28°48.1</i>	<i>088°12.1</i>	<i>FEW</i>		<i>10</i>	<i>180</i>	<i>13</i>	<i>1019.3</i>	<i><1</i>	<i>160</i>	<i>2-3</i>	<i>24.3</i>	<i>24.5</i>	<i>24.0</i>
01	<i>28°55.3</i>	<i>088°13.7</i>	<i>FEW</i>		<i>10</i>	<i>190</i>	<i>15</i>	<i>1018.7</i>	<i><1</i>	<i>160</i>	<i>2-3</i>	<i>24.2</i>	<i>24.5</i>	<i>23.5</i>
02	<i>28°55.9</i>	<i>088°13.2</i>	<i>SCT</i>		<i>10</i>	<i>200</i>	<i>16</i>	<i>1017.9</i>	<i><1</i>	<i>160</i>	<i>2-3</i>	<i>24.1</i>	<i>24.2</i>	<i>23.5</i>
03	<i>28°58.1</i>	<i>088°12.4</i>	<i>FEW</i>		<i>10</i>	<i>200</i>	<i>19</i>	<i>1017.2</i>	<i><1</i>	<i>160</i>	<i>2-3</i>	<i>24.1</i>	<i>24.2</i>	<i>23.8</i>
04	<i>28°58.7N</i>	<i>088°11.8W</i>	<i>FEW</i>		<i>10</i>	<i>195</i>	<i>9</i>	<i>1016.9</i>	<i><1</i>	<i>160</i>	<i>2-3</i>	<i>24.1</i>	<i>24.2</i>	<i>23.8</i>
05	<i>28°57.3N</i>	<i>088°10.2W</i>	<i>FEW</i>		<i>10</i>	<i>195</i>	<i>9</i>	<i>1017.1</i>	<i><1</i>	<i>160</i>	<i>2-3</i>	<i>24.1</i>	<i>24.5</i>	<i>23.5</i>
06	<i>28°57.3N</i>	<i>088°11.8W</i>	<i>SCT</i> <i>FEW</i>		<i>10</i>	<i>220</i>	<i>13</i>	<i>1016.6</i>	<i><1</i>	<i>160</i>	<i>2-3</i>	<i>24.1</i>	<i>24.1</i>	<i>23.0</i> <i>BF</i>
07	<i>28°57.4N</i>	<i>088°11.6W</i>	<i>SCT</i>		<i>10</i>	<i>210</i>	<i>12</i>	<i>1016.5</i>	<i>1.2</i>	<i>180</i>	<i>2.4</i>	<i>24.1</i>	<i>24.4</i>	<i>23.3</i>
08	<i>28°57.9</i>	<i>088°11.7</i>	<i>BKN</i>		<i>10</i>	<i>240</i>	<i>17</i>	<i>1017.5</i>	<i>1-2</i>	<i>180</i>	<i>3-5</i>	<i>24.1</i>	<i>24.0</i>	<i>23.6</i>
09	<i>28°57.9</i>	<i>088°11.7</i>	<i>SCT</i>		<i>10</i>	<i>215</i>	<i>15</i>	<i>1018.2</i>	<i>1-2</i>	<i>175</i>	<i>3-5</i>	<i>24.1</i>	<i>24.0</i>	<i>23.5</i>
10	<i>28°57.9'N</i>	<i>088°11.7'W</i>	<i>SCT</i>		<i>10</i>	<i>215</i>	<i>15</i>	<i>1017.2</i>	<i>1-2</i>	<i>190</i>	<i>3-5</i>	<i>24.2</i>	<i>24.3</i>	<i>23.5</i>
11	<i>28°57.8'N</i>	<i>088°11.7'W</i>	<i>FEW</i>		<i>10</i>	<i>215</i>	<i>18</i>	<i>1016.0</i>	<i>2-4</i>	<i>200</i>	<i>3-5</i>	<i>24.1</i>	<i>24.5</i>	<i>23.7</i>
12	<i>28°57.6'N</i>	<i>088°11.7'W</i>	<i>FEW</i>		<i>10</i>	<i>250</i>	<i>20</i>	<i>1015.5</i>	<i>2-3</i>	<i>210</i>	<i>3-5</i>	<i>24.1</i>	<i>24.2</i>	<i>23.5</i>
13	<i>28°57.5'N</i>	<i>088°11.7'W</i>	<i>FEW</i>		<i>10</i>	<i>245</i>	<i>22</i>	<i>1014.9</i>	<i>2-3</i>	<i>210</i>	<i>3-4</i>	<i>24.1</i>	<i>24.2</i>	<i>23.2</i>
14	<i>28°57.4'N</i>	<i>088°11.7'W</i>	<i>FEW</i>		<i>10</i>	<i>255</i>	<i>23</i>	<i>1014.1</i>	<i>2-3</i>	<i>220</i>	<i>3-5</i>	<i>24.3</i>	<i>24.2</i>	<i>23.2</i>
15	<i>28°57.2'N</i>	<i>088°11.7'W</i>	<i>BKN</i>		<i>10</i>	<i>250</i>	<i>22</i>	<i>1014.0</i>	<i>2-3</i>	<i>220</i>	<i>3-6</i>	<i>24.2</i>	<i>24.2</i>	<i>23.2</i>
16	<i>28°57.1N</i>	<i>088°11.7W</i>	<i>BKN</i>		<i>10</i>	<i>235</i>	<i>20</i>	<i>1014.0</i>	<i>2-3</i>	<i>220</i>	<i>3-6</i>	<i>24.2</i>	<i>24.5</i>	<i>23.7</i>
17	<i>28°57.2N</i>	<i>088°11.5W</i>	<i>BKN</i>		<i>10</i>	<i>245</i>	<i>20</i>	<i>1014.0</i>	<i>2-3</i>	<i>220</i>	<i>4-6</i>	<i>24.1</i>	<i>24.5</i>	<i>23.1</i>
18	<i>28°58.3</i>	<i>088°09.1</i>	<i>SCT</i>		<i>10</i>	<i>240</i>	<i>20</i>	<i>1015.0</i>	<i>2-3</i>	<i>220</i>	<i>4-6</i>	<i>24.2</i>	<i>24.2</i>	<i>23.1</i>
19	<i>28°02.4'N</i>	<i>087°59.5'W</i>	<i>FEW</i>		<i>10</i>	<i>245</i>	<i>20</i>	<i>1015.2</i>	<i>2-3</i>	<i>220</i>	<i>4-6</i>	<i>24.1</i>	<i>24.0</i>	<i>22.9</i>
20	<i>29°05.9'N</i>	<i>087°51.0'W</i>	<i>SCT</i>		<i>10</i>	<i>250</i>	<i>24</i>	<i>1015.8</i>	<i>2-3</i>	<i>220</i>	<i>4-6</i>	<i>24.1</i>	<i>24.5</i>	<i>23.0</i>
21	<i>29°10.8'N</i>	<i>087°45.3'W</i>	<i>SCT</i>		<i>10</i>	<i>250</i>	<i>14</i>	<i>1015.5</i>	<i>2-3</i>	<i>220</i>	<i>4-6</i>	<i>24.2</i>	<i>23.8</i>	<i>23.0</i>
22	<i>29°19.4'N</i>	<i>087°41.4'W</i>	<i>SCT</i>		<i>10</i>	<i>260</i>	<i>15</i>	<i>1015.9</i>	<i>2-3</i>	<i>220</i>	<i>4-6</i>	<i>22.8</i>	<i>24.0</i> <i>23.8</i>	<i>23.1</i> <i>BF</i>
23	<i>29°25.0'N</i>	<i>087°45.5'W</i>	<i>SCT</i>		<i>10</i>	<i>260</i>	<i>18</i>	<i>1015.5</i>	<i>2-3</i>	<i>220</i>	<i>4-6</i>	<i>22.7</i>	<i>23.0</i>	<i>22.0</i>

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship **OKEANOS EXPLORER (R-337)** TIME ZONE **-6** DAY OF WEEK **THURSDAY** DATE (dd mmm yyyy) **21 DEC 2017**

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° 31.8 N	087° 52.7 W	FEW		10	270	14	1015.3	2-3	220	4-6	23.1	21.7	20.0
01	29° 39.5	088° 00.9	FEW		10	300	11	1015.5	2-3	220	4-6	23.1	20.5	19.5
02	29° 44.3	088° 05.9	FEW		10	310	10	1015.5	2-3	220	4-6	23.1	19.8	18.8
03	29° 49.6	088° 11.5	CLR		10	340	10	1015.5	2-3	220	4-6	23.1	19.8	18.5
04														*
05	30° 03.2 W	088° 25.3 W	CLR		10	VAR	LIGHT	1016.0	2-3	220	3-5	—	17.0	11.5
06	30° 08.0	088° 28.5	CLR		10	085 ⁰³⁵	5	1017.1	<1	220	2-3	—	16.0	15.8
07	30° 08.1 N	088° 28.3 W	CLR		10	085	7	1017.9	<1	190	1-2	—	16.0	15.8
08	30° 07.8	088° 30.8	CLR		10	115	7	1018.5	<1	180	2-3	—	17.1	16.6
09														
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* 0400 TRAFFIC
* 0500 SCS SECURED