

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship		OKEANOS EXPLORER (R-337)						TIME ZONE	DAY OF WEEK	DATE (dd mmm yyyy)				
TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE N	LONGITUDE W				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	31° 57.0'	077° 40.2'	BKN		10	220	16	1016.5	1-2	160	3	27.2	26.8	25.6
01	32° 01.5'	077° 31.4'	BKN		10	230	16	1016.0	1-2	160	3	27.2	26.8	25.7
02	31° 59.6'	077° 32.0'	SCT		10	220	17	1015.0	1-2	160	3	27.2	26.6	25.2
03	31° 56.8'	077° 34.4'	SCT		10	230	15	1014.5	1-2	160	3	27.2	26.5	25.5
04	31° 56.4'	077° 28.5'	FEW		10	235	18	1013.7	1-2	160	3	26.9	26.1	24.6
05	31° 48.3'	077° 27.8'	SCT		10	235	16	1013.7	1-2	160	3	27.0	26.0	24.5
06	31° 48.1'	077° 29.6'	BKN		10	220	14	1014.6	1-2	1	2-3	26.9	26.1	24.8
07	31° 56.5'	077° 30.3'	BKN		10									
08	32° 03.8'	077° 35.0'	BKN		10	270	20	1014.3	2	280	3	27.4	26.8	25.8
09	32° 10.4'	077° 39.8'	BKN		10	245	16	1014.8	2	280	3	27.1	26.8	24.9
10	32° 14.2'	077° 43.6'	BKN		10	240	10	1014.8	2	280	3	25.2	26.8	25.8
11	32° 10.9'	077° 50.0'	BKN		10	260	12	1015.1	1-2	280	3	25.8	27.0	25.9
12														
13	32° 05.7'	077° 59.9'	BKN		10	270	11	1015.5	1-2	180	3	27.5	26.9	24.6
14	32° 07.2'	078° 00.1'	FEW		10	245	10	1015.3	1-2	180	3	27.4	27.9	25.0
15	32° 12.1'	077° 50.6'	FEW		10	250	11	1014.4	1-2	140	3	25.9	29.2	25.3
16	32° 14.8'	077° 48.4'	FEW		10	228	15	1013.4	1-2	140	2-3	25.8	27.5	25.9
17	32° 11.9'	077° 54.0'	FEW		10	221	13	1013.1	1-2	140	2-3	26.0	26.9	25.1
18	32° 08.3'	078° 00.9'	FEW		10	206	17	1012.5	1-2	140	2-3	27.3	27.2	24.9
19	32° 10.3'	078° 00.1'	FEW		10	232	16	1012.6	1-2	140	2-3	26.2	28.1	25.4
20	32° 14.9'	077° 57.4'	FEW		10	230	14	1012.8	1-2	170	2-3	25.7	27.5	25.2
21	32° 13.3'	077° 57.6'	FEW		10	220	17	1012.7	2	170	3	25.8	26.6	25.0
22	32° 12.7'	078° 01.8'	FEW		10	240	17	1013.1	2	170	3	25.7	27.0	25.5
23	32° 15.5'	077° 58.9'	FEW		10	220	19	1013.3	2	170	3	25.8	26.6	25.1

1200 TRAFFIC / VESSEL AVOIDANCE



DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship		OKEANOS EXPLORER (R-337)						TIME ZONE	DAY OF WEEK	DATE (dd mmm yyyy)				
								-4	SATURDAY	02 JUN 2018				
TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE N	LONGITUDE W				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	32° 11.2'	078° 06.9'	FEW		10	250	25	1013.2	1-2	170	3	25.7	27.3	26.4
01	32° 07.5'	078° 10.0'	FEW		10	250	20	1012.6	1-2	170	3	27.6	27.5	26.6
02	32° 03.7'	078° 14.1'	FEW		10	250	20	1012.3	1-2	170	3	27.8	27.1	26.0
03	32° 00.1'	078° 18.4'	FEW		10	250	21	1011.9	1-2	170	3	27.7	27.2	25.2
04	32° 00.1'	078° 20.8'	FEW		10	250	13	1011.6	1-2	170	3	27.7	26.7	24.6
05	32° 01.9'	078° 19.7'	CLR		10	230	17	1011.2	1-2	170	2-3	27.6	26.9	24.7
06	31° 59.5'	078° 14.4'	CLR		10	245	17	1011.5	1-2	170	2-3	27.7	26.8	24.8
07	32° 01.7'	078° 22.5'	CLR		10	270	15	1012.7	1-2	170 250	3	27.5	26.6	24.2
08	32° 05.6'	078° 17.6'	FEW		10	260	15	1012.9	1-2	240	2-3	27.4	27.0	25.5
09	32° 02.5'	078° 23.4'	FEW		10	280	16	1013.0	1	240	2-3	27.6	26.7	25.0
10	31° 59.6'	078° 29.0'	FEW		10	265	13	1012.7	1	240	2-3	27.6	26.9	24.9
11	32° 02.1'	078° 26.6'	FEW		10	255	11	1012.8	1	240	2-3	27.7		
12	32° 06.8'	078° 17.8'	FEW		10	255	11	1012.6	1	210	2	27.6	26.8	22.4
13	32° 06.7'	078° 20.4'	FEW		10	250	12	1012.5	1	200	2	27.5	26.7	22.4
14	32° 05.2'	078° 26.8'	FEW		10	236	13	1012.1	1	200	2	27.8	26.9	22.9
15	32° 01.4'	078° 30.4'	FEW		10	245	15	1011.6	1	200	2	28.0	27.0	25.3
16	31° 59.7'	078° 36.0'	FEW		10	220	13	1000.9	1	200	1-2	28.1	27.3	23.3
17	32° 04.0'	078° 27.7'	FEW		10	218	13	1000.5	1	200	1-2	28.0	28.7	24.0
18	32° 08.7'	078° 18.7'	FEW		10	213	15	1010.3	1	200	1-2	27.8	28.9	24.2
19	32° 08.7'	078° 21.0'	BKN		10	207	18	1010.5	1	200	1-2	27.6	27.4	24.5
20	32° 06.1'	078° 26.6'	OC		10	230	21	1000.8	1	200	1-2	27.8	27.4	25.2
21	32° 03.4'	078° 31.2'	OC		10	290	26	1010.3	1	200	2	27.8	25.7	22.5
22	32° 00.0'	078° 37.9'	OC		10	270	16	1011.0	1	200	2	27.7	25.8	22.2
23	32° 01.3'	078° 37.5'	SCT		10	260	16	1011.6	1	200	2	27.7	26.2	22.5



DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship		OKEANOS EXPLORER (R-337)		TIME ZONE	-4		DAY OF WEEK	SUNDAY		DATE (dd mmm yyyy)	03 JUN 2018			
TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE N	LONGITUDE W				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	32°06.8'	078°27.0'	SCT	LTG VC	10	255	16	1011.4	1	200	2	27.7	26.3	23.8
01	32°10.2'	078°21.9'	BKN		10	250	18	1011.0	1	200	2	27.6	26.4	23.2
02	32°07.4'	078°27.3'	ONC		10	260	16	1011.2	1	200	2	27.7	26.2	24.6
03	32°04.7'	078°33.0'	BKN		10	220	21	1010.6	1	200	2	27.7	26.3	23.0
04	32°01.8'	078°38.5'	BKN		10	245	18	1010.3	1	200	2	27.7	25.9	22.4
05	32°04.7'	078°35.4'	BKN		10	240	19	1010.5	1	200	2	27.7	26.4	23.5
06	32°08.7'	078°27.1'	BKN		10	252	17	1010.6	1	220	2	27.5	25.8	23.5
07	32°09.2'	078°27.9'	BKN		10	240	17	1010.5	1	250	2	27.8	25.7	23.9
08	32°06.897N	078°32.299W	BKN		10	260	16	1011.2	1	250	2-3	27.8	25.8	23.7
09	32°03.83N	078°38.443W	BKN		10	260	17	1011.7	1	260	2-3	27.8	25.7	23.8
10	32°06.358N	078°35.884W	SCT		10	250	15	1011.6	1	260	2-3	27.8	27.3	24.2
11	32°10.399N	078°28.584W	SCT		10	240	17	1011.6	1	250	2-3	27.7	26.5	23.9
12	32°08.1	078°34.8	FEW		10	260	16	1011.6	1	260	2	27.8	26.0	24.0
13	32°05.1	078°40.6	FEW		10	260	20	1011.6	1	260	2	27.9	25.8	24.0
14	32°09.1	078°35.5	FEW		10	265	17	1011.6	1	260	2	27.9	26.3	24.3
15	32°10.2	078°36.0	FEW		10	270	19	1011.1	1	260	2	27.8	25.7	23.9
16	32°07.5	078°40.9	FEW		10	267	17	1010.8	1	260	2	27.8	25.9	23.9
17	32°04.2	078°45.2	BKN		10	247	17	1010.4	1	260	2	27.6	25.9	24.0
18	32°00.8	078°49.7	BKN		10	275	16	1010.3	1	260	1-2	27.8	25.6	24.0
19	31°57.4	078°54.3	BKN		10	251	15	1010.0	1	260	1-2	27.9	26.1	24.0
20	31°54.0	078°58.0	FEW		10	255	15	1010.6	1	250	1-2	28.0	26.0	24.8
21	31°50.3	079°02.1	FEW		10	250	15	1011.0	1	250	1-2	28.0	26.8	25.4
22	31°45.7	079°06.1	CLR		10	250	13	1011.6	1	250	1-2	28.0	27.6	25.7
23	31°41.4	079°09.8	CLR		10	230	15	1011.7	1	250	1-2	28.0	27.9	25.8



DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship		OCEANOS EXPLORER (R-337)		TIME ZONE	-4		DAY OF WEEK	MONDAY		DATE (dd mmm yyyy)			04 JUN 2018		
TIME	POSITION		SKY CONDITION	PRESENT WEATHER	VISIBILITY (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	31°37.30N	079°13.32W	CLR		10	230	16	1011.6	1	250	1-2	28.0	27.9	25.7	
01	31°34.2N	079°14.6W	SCR		10	235	15	1011.6	1	250	1-2	28.0	28.2	26.1	
02	31°39.9N	079°09.6W	CLR		10	240	15	1010.9	1	250	1-2	28.0	28.0	26.0	
03	31°47.3N	079°03.2W	FEW		10	250	15	1010.2	1	250	1-2	28.0	28.0	25.6	
04	31°52.4N	078°58.1W	CLR		10	250	16	1009.9	1	250	1-2	28.1	27.9	25.8	
05	31°48.1N	079°01.3W	CLR		10	275	18.5	1010.0	1	250	1-2	28.0	27.6	25.6	
06	31°43.0N	079°05.6W	FEW		10	270	18	1010.5	1	250	1-2	28.0	27.6	25.2	
07	31°38.8N	079°09.3W	CLR		10	255	21	1011.8	1	250	2	28.1	27.4	25.4	
08	31°35.0N	079°12.4W	FEW	HZ	10	250	22	1011.5	1	230	2	28.0	26.8	25.0	
09														*	
10	31°32.3N	079°12.0W	FEW		10	280	27	1011.7	1	230	2	28.1	27.3	24.8	
11														*	
12	31°30.9N	079°14.2	CLR		10	300	8	1011.1	1	250	2	28.3	26.8	24.3	
13	31°40.3N	079°06.4	CLR		10	280	8	1010.9	1	250	2	28.3	27.2	24.9	
14	31°44.3N	079°03.1	CLR		10	290	11	1010.9	1	250	2	28.3	27.2	24.8	
15	31°48.5N	078°58.2	CLR		10	340	9	1010.8	1	250	2	28.3	27.8	24.8	
16	31°43.7	079°02.2	FEW		10	358	9	1010.8	1	250	2	28.1	27.5	24.5	
17	31°38.2	079°06.9	FEW		10	358	7	1010.5	1	250	2	28.5	27.8	24.6	
18	31°33.3	079°11.2	FEW		10	217	6	1010.2	1	250	2	28.4	27.7	23.4	
19	31°34.1	079°09.9	FEW		10	297	4	1010.5	1	250	2	28.3	27.3	24.6	
20	31°41.9	079°02.3	CLR		10	290	5	1010.9	1	250	2	28.4	26.9	24.3	
21	31°44.4	078°58.8	CLR		10	300	3	1011.0	1	250	2	28.3	26.8	24.6	
22	31°38.5	079°05.9	CLR		10	210	2	1011.1	1	250	1	28.3	27.0	24.4	
23	31°37.5	079°03.5	CLR		10	200	2	1011.4	1	250	1	28.3	27.0	24.1	

*0900 CTD ops

*1100 MOB DRILL



DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship		OKEANOS EXPLORER (R-337)		TIME ZONE	-4		DAY OF WEEK	TUESDAY		DATE (dd mmm yyyy)			05 JUN 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	31°42.8N	078°58.5W	CLR		10	210	5	1011.4	1	250	1	28.2	26.9	28.2	
01	31°37.1N	079°01.3W	CLR		10	200	6	1011.0	1	250	1	28.2	26.9	24.5	
02	31°32.4N	079°00.5W	SCT		10	190	7	1010.9	1	250	1	28.2	26.8	24.9	
03	31°35.2N	079°00.9W	SCT		10	190	8	1010.6	1	250	1	28.2	26.8	24.9	
04	31°30.9N	079°04.6W	SCT		10	200	4	1010.5	1	250	1	28.2	27.0	24.5	
05	31°32.8N	078°59.4W	SCT		10	185	4	1010.3	1	250	1	28.2	27.0	24.5	
06	31°31.9N	079°00.0W	SCT		10	160	2	1010.9	<1	250	<1	28.2	27.1	24.6	
07	31°32.3N	079°07.3W	SCT		10	215	8	1011.1	<1	250	<1	28.2	27.2	25.2	
08	31°35.5N	079°15.2W	SCT		10	195	7	1011.5	<1	250	<1	28.2	27.1	25.1	
09	31°41.9N	079°10.7W	SCT		10	195	10	1011.6	<1	250	<1	28.3	28.5	25.7	
10	31°48.4N	079°05.1W	SCT	+FC	10	145	9	1011.3	<1	250	<1	28.3	27.5	24.8	
11	31°54.6N	079°00.0W	BKN	+FC	10	150	10	1011.2	<1	250	1	28.3	27.9	24.5	
12	31°51.3N	079°08.9W	BKN		10	260	7	1011.7	1	250	1	28.3	26.9	24.8	
13	31°47.6N	079°07.3W	BKN		10	260	9	1010.9	1	250	1	28.2	26.7	24.7	
14	31°44.2N	079°10.1W	BKN		10	270	12	1010.5	1	250	1	28.2	26.5	24.4	
15	31°45.3N	079°10.6W	BKN		10	255	12	1010.3	1	250	1	27.7	26.9	24.7	
16	31°52.2N	079°04.4W	BKN		10	257	12	1009.6	1	250	1	27.4	26.8	24.6	
17	31°52.2N	079°05.9W	OVC		10	295	12	1009.1	1	250	1	26.8	26.7	24.4	
18	31°46.3N	079°11.1W	OVC		10	305	12	1009.1	1	250	1	26.7	26.5	24.0	
19	31°40.7N	079°10.1W	OVC		10	320	12	1009.5	1	250	1	26.5	26.3	23.6	
20	31°42.7N	079°15.7W	FEW		10	300	12	1009.9	1	250	1	26.4	26.1	24.1	
21	31°48.3N	079°10.9W	SCT		10	300	9	1010.2	1	250	1	26.6	26.0	23.8	
22	31°46.7N	079°13.7W	SCT		10	300	8	1010.5	1	250	1	26.3	26.1	24.0	
23	31°41.6N	079°18.3W	SCT		10	300	9	1010.8	1	250	1	26.4	26.6	22.2	



DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship **OKEANOS EXPLORER (R-337)** TIME ZONE **-4** DAY OF WEEK **WEDNESDAY** DATE (dd mmm yyyy) **06 JUN 2018**

TIME	POSITION		SKY CONDITION	PRESENT WEATHER	VISIBILITY (nm)	WIND		SEA LEVEL PRESS. (mb)	SEA WAVE HEIGHT (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE N	LONGITUDE W				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	31°47.7'N	079°14.2'W	SCT		10	230	9	1010.5	1	200	2	26.3	26.5	22.6
01	31°53.2'N	079°18.9'W	SCT		10	230	12	1010.2	1	200	2	26.9	26.7	22.7
02	32°00.1'N	079°23.4'W	SCT		10	240	15	1009.9	1	200	2	26.1	26.5	22.9
03	32°07.7'N	079°27.1'W	SCT		10	255	10	1009.8	1	200	2	26.1	26.7	23.0
04	32°15.6'N	079°31.0'W	SCT		10	250	10	1009.4	1	200	2	26.2	26.8	22.5
05	32°23.1'N	079°34.8'W	SCT		10	260	10	1009.4	1	200	2	26.3	26.7	21.6
06	32°30.5'	079°38.5'	FEW		10	260	12	1009.8	<1	250	1	26.4	26.8	21.7
07	32°36.5'	079°41.4'	FEW		10	300	6	1010.5	<1	250	1	26.7	26.1	23.3
08	/													
09	/													
10	/													
11	/													
12	/													
13	/													
14	/													
15	/													
16	/													
17	/													
18	/													
19	/													
20	/													
21	/													
22	/													
23	/													

0800 INBOUND TRANSIT / 1140 MOORED @ FLETC

