

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) TIME ZONE -4 DAY OF WEEK WEDNESDAY DATE (dd mmm yyyy) 13 JUN 2018
~~TUESDAY~~

B1

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	32°34.0N	079°34.4W	FEW		10	24.4	4	1020.0	<1	090	1ft	26.6	25.0	22.9
13	32°36.1N	79°23.6W	FEW		10	24.5	2	1020.0	<1	090	1ft	27.1	25.2	23.2
14	32°33.2N	79°12.7W	FEW		10	24.2	11	1019.5	<1	090	1	27.0	25.5	23.3
15	32°30.5N	79°02.5W	FEW		10	21.7	5	1018.6	<1	090	1	27.0	26.1	23.8
16	32°27.9'	078°52.4'	SCT		10	20.0	11	1017.5	<1	150	2	26.9	26.8	24.6
17	32°25.3'	078°42.2'	FEW		10	21.5	11	1017.7	1	150	2	27.0	27.1	25.0
18	32°22.5'	078°31.5'	FEW		10	22.0	12	1017.4	1	150	2	26.9	27.3	25.0
19	32°19.4'	078°19.9'	FEW		10	22.0	10	1017.2	1	060 150	2	27.6	27.2	24.8
20	32°16.2N	078°07.7W	SCT		10	23.0	16	1017.3	1	060 150	2-4	28.3	27.4	28.4
21	32°15.6 N	077°56.2W	SCT		10	22.0	17	1017.6	1-2	150	3-4	29.0	27.5	23.9
22	32°15.7 N	077°44.9W	FEW		10	23.0	19	1017.6	1-2	150	4	29.0	27.8	24.8
23	32°11.9 N	077°37.7W	SCT	LTG	10	22.0	19	1017.8	1-2	140	4	28.9	27.6	24.5

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <u>OKEANOS EXPLORER (R-337)</u>				TIME ZONE <u>-4</u>	DAY OF WEEK <u>THURSDAY</u>	DATE (dd mmm yyyy) <u>14 JUN 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 <u>N</u>	LONGITUDE <u>W</u>				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	32°06.4'	77°28.6'W	SCT		10	231	19	1017.9	1-2	220	2-4	28.6	27.6	24
01	32°07.0'	077°26.3'	FEW		10	218	20	1017.6	1-2	220	2-4	28.5	27.5	23.7
02	32°11.1'	077°30.8'	CLR		10	244	20	1017.1	1-2	220	2-4	28.9	27.8	24.7
03	32°06.3'	077°21.2'	CLR		10	240	19.5	1016.2	1-2	220	2-4	28.1	27.5	24.8
04	32°04.3'N	077°11.4'W	FEW		10	235	18	1016.8	1-2	220	2-4	28.3	27.4	25.0
05	32°03.6'	076°59.7'	BKN	LTG VC	10	235	14	1016.5	1-2	220	2-4	28.1	27.1	25.1
06	32°02.9'N	076°50.5'W	BKN	LTG VC	10	235	15	1016.5	2	220	3-4	27.7	26.2	23.9
07	32°02.7'N	076°50.7'W	BKN		10	230	17	1016.8	2	220	4-5	27.6	27.5	24.3
08	32°03.7'N	076°50.5'W	OVC	LTG, RA	8	290	24	1017.3	2	280	4-5	27.7	23.6	22.5
09	32°03.6'N	076°50.6'W	BKN	RA	10	240	12	1017.9	2	230	4-5	27.7	25.4	22.9
10	32°03.1'N	076°50.7'W	OVC	RA	10	245	11	1018.4	2	240	4-5	27.7	26.9	24.1
11	32°03.2'N	076°50.8'W	BKN		10	210	7	1018.6	2	240	4-5	27.7	27.4	24.4
12	32°03.2'N	076°50.8'W	BKN		10	220	10	1018.6	2	230	4-5	27.7	27.6	24.0
13	32°03.2'N	076°50.8'W	BKN		10	240	12	1018.0	2	230	4-5	27.8	27.6	24.5
14	-----													
15	32°03.2'N	076°50.8'W	BKN		10	220	14	1016.4	2	240	4-5	27.8	27.7	24.8
16	32°03.3'N	076°51.0'W	BKN		10	230	15	1015.5	2	240	4-5	27.8	26.1	23.1
17	32°02.8'N	076°51.9'W	BKN		10	210	14	1016.0	2	240/150	4-5	28.0	28.0	25.8
18	32°01.2'N	076°50.9'W	BKN		10	220	13	1015.9	1-2	150	4	27.8	27.9	26.1
19	31°58.4'N	076°42.3'W	BKN		10	210	18	1015.3	1-2	180	3-4	27.2	27.5	26.0
20	31°55.1'N	076°32.9'W	BKN		10	220	15	1016.3	1-3	180	3-4	27.3	27.0	25.8
21	31°52.1'N	076°23.9'W	BKN	LTG	10	215	19	1016.5	1-3	180	3-4	27.4	27.5	26.0
22	31°54.7'N	076°17.4'W	SCT	LTG	10	230	19	1016.7	1-3	180	3-4	27.3	27.5	26.3
23	31°58.0'N	076°12.1'W	---	LTG	---	---	---	---	---	---	---	---	---	---

32°00'

fm

fm

1400: DRILLS

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship <i>OKEANOS EXPLORER (R-337)</i>								TIME ZONE <i>-4</i>	DAY OF WEEK <i>FRIDAY</i>	DATE (dd mmm yyyy) <i>15 JUN 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	31°52.5N	076°14.9W	FEW		10	254	22	1016.2	2-3	180	3-4	27.6	27.1	25.0
01	31°54.8N	076°10.3W	FEW		10	242	16	1016.4	1-2	180	3-4	27.1	27.0	25.0
02	31°56.2N	075°59.7W	FEW		10	256	17	1016.5	2	180	4	27.0	27.7	25.0
03	31°57.3N	075°48.5W	FEW		10	250	15	1016.1	2	180	4	26.9	27.3	24.7
04	31°58.5'	075°37.6'	FEW	LTG, VC	10	250	18	1016.1	2	180	4	27.0	27.0	25.5
05	31°59.7'	075°25.8'	FEW	LTG, VC	10	260	14	1015.3	2	180	4	27.0	26.8	25.3
06	32°00.9	075°15.5'	SCT		10	260	16	1015.4	1-2	250	4	26.9	27.1	25.2
07	32°00.2	075°15.5'	SCT BKN OVC	SQ	8-10	250	13	1015.7	1-2	180/250	4	—	25.0	23.0
08	32°02.0N	075°14.7W	SCT		10	250	7	1015.8	1-2	180/250	4-5	—	26.5	23.9
09	32°01.3N	075°15.2W	SCT		10	240 230	10	1015.5	1-2	250	4-5	—	25.9	24.7
10	32°01.0N	075°15.4W	BKN	SQ, LTG	10	230 250	10	1016.0	1-2	230	4-5	—	24.4	22.5
11	32°00.8N	075°15.6W	OVC	RA, SQ	10	345	17	1016.6	1-2	250	4-5	—	24.7	23.1
12	32°00.8W	075°15.6W	OVC	RA, SQ	10	300	7	1017.1	1-2	240	4	—	23.9	22.7
13	32°00.8N	075°15.6W	OVC	RA	10	267	4	1016.9	1-2	250	3-4	—	23.7	22.3
14	32°00.7N	075°15.7	OVC	DZ	10	220	8	1015.3	1-2	240	3	—	23.8	23.0
15	32°00.8N	075°15.7	OVC		10	263	10	1014.9	1-2	270	3-4	—	26.8	23.2
16	32°00.8'	075°15.7	BKN	CH2	10	250	10	1014.7	1-2	240	3-4	—	—	—
17	32°00.6	075°15.8	BKN		10	225	10	1014.5	1-2	240	3-4	—	26.4	24.9
18	32°00.3	075°16.1	SCT		10	240	10	1014.5	1-2	240	3-4	—	26.9	24.0
19	31°59.7'	075°17.6'	SCT		10	240	10	1014.8	1-2	240	3-4	—	26.7	23.7
20	31°55.5'	075°24.5	SCT		10	235	14	1015.1	2-4	230	2-4	—	26.7	24.0
21	31°51.8'	075°35.2	SCT BKN	SCT LTG LTRAIN	8	265	15	1015.2	2-4	230	2-4	—	26.5	24.8
22	31°48.2'	075°45.5'	BKN	LTG	8	260	13	1016.0	2-5	230	2-4	—	27.2	25.8
23	31°44.6'	075°56.2'	BKN	LTG, SQ	10	284	14	1016.5	2-4	—	—	—	27.3	25.5

2110 LTG; CONTINUOUS HEAVY LIGHTNING, 2300 LTG CONTINUES.

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship **OCEANUS EXPLORER (R-337)** TIME ZONE **-4** DAY OF WEEK **SATURDAY** DATE (dd mmm yyyy) **16 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°41.1N	076°06.4W	BKN	LTC, SQ	10	303	16	1016.7	2-3	240	4	-*	27.1	24.7
01	31°35.0N	076°04.3W	BKN	LTC, SQ	10	011	17	1017.5	2-3	240	4	-	25.6	23.3
02	31°27.2N	076°01.9	BKN		10	354	8	1017.2	2-3	220	3-4	-	25.4	23.6
03	31°11.0'	075°55.1'	BKN	LTC VC	10	300	15	1014.8	2-3	220	3-4	-	27.0	25.5
04	31°11.0'	075°55.1'	BKN	LTC VC	10	300	15	1014.8	2-3	220	3-4	-	27.0	25.5
05	31°09.2'	075°46.3'		SQ VC	10	295	15	1015.3	1-2	290	3	-	26.7	24.9
06	31°09.5'N	075°39.7'W	BKN	SQ VC	10	045	7	1016.1	1-2	245 290	3	-	26.1	25.0
07	31°09.5'	075°39.6'	BKN		10	050	4	1016.5	1-2	245 290	3	-	26.1	25.0
08	31°09.5N	075°39.6N	SCT		10	045	5	1017.1	1-2	245	3	-	27.2	24.4
09	31°09.4 N	075°39.9W	BKN		10	060	5	1017.6	1-2	240	3-4	-	27.6	24.4
10	31°09.5N	075°39.7W	BKN	RA-	10	060	10	1017.7	1-2	240	3	-	27.6	23.9
11	31°09.5N	075°39.7W	BKN		10	080	10	1018.2	1-2	240	3	-	26.9	23.6
12	31°09.6N	075°39.7W	BKN		10	080	10	1018.2	1-2	245	2-3	-	26.9	23.2
13	31°09.7N	075°39.7W	SCT		10	090	12	1018.3	1-2	245	2-3	-	27.0	23.7
14	31°09.8N	075°39.7W	FEW		10	090	12	1018.6	1-2	245 300	2	-	27.9	23.9
15	31°09.8N	075°40.01W	FEW		10	085	15	1018.2	1-2	240	2-3	-	28.0	23.5
16	31°09.7'N	075°40.4'W	FEW		10	090	13	1018.2	1-2	240	2-3	-	27.5	23.4
17	31°09.5'N	075°40.7'W	FEW		10	090	13	1017.7	1-2	090	2-3	-	26.6	23.0
18	31°09.6'	075°46.2'	BKN		10	105	14	1017.5	1-2	110	2-3	-	27.3	22.7
19	31°08.6'N	075°54.3'W	BKN		10	090	16	1017.6	1-2	110	2-3	-	26.8	22.7
20	31°00.5'	075°57.3'	BKN		10	105	13	1018.1	1-3 1-2	-	-	-	26.7	22.9
21	30°56.7'	075°56.2'	BKN		10	100	10	1018.9	1-2	060	2-3	-	26.6	23.6
22	30°55.7'	076°06.9'	SCT		10	103	9	1019.7	1-2	060	2-3	-	26.5	23.5
23	30°54.7'	076°16.7'	SCT		10	103	9	1019.9	1-2	060	2-4	-	26.5	23.8

* TSG OFFLINE

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) TIME ZONE -4 DAY OF WEEK SUNDAY DATE (dd mmm yyyy) 17 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	30°53.5N	076°29.3W	CLR		10	100	10	1019.2	1-2	070	2-3	-*	26.3	23.7
01	30°52.6N	076°51.7W	CLR		10	100	11	1019.5	1-2	070	2-4	-	26.3	22.5
02	30°51.7N	076°47.3W	CLR		10	100	10	1018.9	1-2	070	2-4	-	26.6	24.1
03	30°50.7N	076°51.2	CLR		10	090	10	1018.6	1-2	070	2-4	-	27.0	24.3
04	30°50.3'	077°06.4'	FEW		10	100	10	1018.6	1-2	020	2-4	-	26.4	24.6
05	30°49.9'	077°17.4'	SCT		10	110	11	1018.6	1-2	020	2-4	-	26.6	24.8
06	30°55.2'	077°20.0'	BSKN		10	105	16	1018.5	1	060	2-3	-	26.2	24.5
07	30°56.7'	077°19.5'	BSKN		10	110	16	1019.4	1-2	090	2-3	-	27.0	24.0
08	30°56.3N	077°19.9W	SCT		10	115	15	1019.7	1-2	100	2-3	-	26.9	22.8
09	30°56.4N	077°19.7W	SCT		10	130	15	1020.7	1-2	100	2-3	-	27.1	23.1
10	30°56.4N	077°19.7W	SCT		10	125	15	1021.4	1-2	100	2-3 ²	-	27.1	23.0
11	30°56.4N	077°19.7W	SCT		10	130	15	1021.8	1-2	100	2-3	-	26.9	23.0
12	30°56.4N	077°19.7W	FEW		10	130	15	1021.9	1-2	130	2-3	-	27.0	22.7
13	30°56.4N	077°19.8	FEW		10	133	15	1022.0	1-2	130	2-3	-	27.1	21.3
14	30°56.4N	077°19.7W	FEW		10	130	12	1021.4	1-2	130	2-3	-	27.1	20.7
15			FEW		10	125	11	1021.3	1-2	130	2-3	-	27.8	21.8
16	30°56.6'	077°19.8'	FEW		10	125	11	1021.3	1-2	130	2-3	-	27.8	21.8
17	30°56.6'	077°19.8'	FEW		10	115	12	1021.3	1-2	130	2-3	-	27.8	21.5
18	30°56.6N	077°19.6W	FEW		10	110	14	1020.9	1-2	130	2-3	-	27.5	20.0
19	30°56.4N	077°19.5W	FEW		10	130	12	1020.5	1-2	130	2-3	-	27.1	20.3
20	30°52.8N	077°23.1W	FEW		10	100	13	1020.3	1-2	130	2-3	-	27.2	20.8
21	30°45.8N	077°29.3W	SCT		10	110	15	1019.4	1-2	130	2-3	-	26.7	20.6
22	30°38.1N	077°36.1W	SCT		10	110	15	1020.7	1-2	130	2-3	-	26.7	21.0
23	30°32.3N	077°41.2W	FEW		10	110	13	1021.1	1-2	130	2-3	-	26.6	20.3

* TSG OFFLINE

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship *OKEANOS EXPLORER*

TIME ZONE
-4

DAY OF WEEK
MONDAY

DATE (dd mmm yyyy)
18 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	30°25.4N	077°41.1W	CLR		10	109	14	1021.1	1-2	140	2-3	-	26.3	20.7
01	30°18.9	077°53.0	CLR		10	110	11	1021.4	1-2	140	2-3	-	26.2	20.9
02	30°12.1N	077°58.8	CLR		10	110	11	1020.9	1-2	140	2-3	-	26.2	21.1
03	30°05.4N	078°04.7	CLR		10	110	12	1020.3	1-2	140	2-3	-	25.9	21.4
04	29°58.2'	078°11.1'	CLR		10	100	10	1020.2	1-2	140	2-3	-	26.2	22.0
05	29°51.0'	078°17.3'	FEW	LGA VC	10	100	11	1019.8	1-2	140	2-3	-	25.9	21.7
06	29°43.8	078°24.1	FEW		10	090	9	1020.6	1	080	2	-	26.2	22.0
07	29°35.8'	078°28.2	FEW		10	090	10	1020.5	1	080 140	2	-	25.5	22.0
08	29°36.9N	078°29.9W	FEW		10	095	9	1020.9	1	080 140	2	-	26.6	21.3
09	29°41.0N	078°31.7W	FEW		10	090	9	1021.7	1	120	2	-	27.2	21.6
10	29°37.7N	078°26.3W	FEW		10	120	11	1021.6	1	120	2	-	26.3	21.4
11	29°32.8N	078°24.4W	FEW		10	090	12	1021.5	1	110	2	-	26.2	21.5
12	29°41.1N	078°24.2W	FEW		10	100	10	1021.6	1	120	2	-	26.3	21.9
13	29°36.0N	078°22.3	CLR		10	100	11	1021.3	1	120	1-2	-	26.3	21.5
14	29°31.5N	078°25.6W	CLR		10	095	7	1021.1	1	120	1-2	-	26.3	21.8
15	29°30.3N	078°36.9	CLR		10	100	8	1020.8	1	120	1-2	-	27.1	22.0
16	29°28.8'	078°46.1'	CLR		10	095	7	1020.3	1	120	1-2	-	27.5	22.5
17	29°27.3'	078°56.3'	CLR		10	105	8	1019.7	1	120	1-2	-	28.0	22.3
18	29°25.8'	079°06.07	CLR		10	110	7	1019.4	1	100	1-2	-	27.5	21.5
19	29°24.2	079°15.8	CLR		10	100	10	1019.2	1	100	1-2	-	27.4	23.0
20	29°22.9N	079°24.2W	CLR		10	120	10	1019.2	1	100	1-2	-	27.8	22.0
21	29°17.3N	079°33.2W	ScT		10	105	10	1019.0	1	100	1-2	29.0	26.8	22.2
22	29°09.4N	079°31.6W	FEW ScT	LGA	10	110	10	1018.8	1	100	1-2	28.9	26.7	22.0
23	29°01.5N	079°30.1W	CLR		10	100	13	1018.7	1	100	1-2	28.8	26.6	22.2

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <i>OKEANOS EXPLORER (R337)</i>						TIME ZONE <i>-4</i>	DAY OF WEEK <i>TUESDAY</i>	DATE (dd mmm yyyy) <i>19 JUN 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>28°52.5N</i>	<i>079°29.4W</i>	<i>CLR</i>		<i>10</i>	<i>115</i>	<i>11</i>	<i>1018.9</i>	<i>1</i>	<i>100</i>	<i>1-2</i>	<i>28.6</i>	<i>26.5</i>	<i>21.9</i>
01	<i>28°52.4N</i>	<i>079°26.3W</i>	<i>CLR</i>		<i>10</i>	<i>126</i>	<i>12</i>	<i>1018.6</i>	<i>1</i>	<i>100</i>	<i>1-2</i>	<i>28.6</i>	<i>26.6</i>	<i>22.2</i>
02	<i>29°01.29N</i>	<i>079°27.8W</i>	<i>CLR</i>		<i>10</i>	<i>123</i>	<i>10</i>	<i>1018.1</i>	<i>1</i>	<i>100</i>	<i>1-2</i>	<i>28.6</i>	<i>26.5</i>	<i>22.3</i>
03	<i>29°04.8N</i>	<i>079°29.6W</i>	<i>CLR</i>		<i>10</i>	<i>137</i>	<i>8</i>	<i>1018.3</i>	<i>1</i>	<i>100</i>	<i>1-2</i>	<i>28.6</i>	<i>26.4</i>	<i>22.2</i>
04	<i>29°18.0'</i>	<i>079°31.6'</i>	<i>CLR</i>		<i>10</i>	<i>125</i>	<i>8</i>	<i>1017.5</i>	<i>1</i>	<i>100</i>	<i>1-2</i>	<i>28.7</i>	<i>26.5</i>	<i>22.3</i>
05	<i>29°20.3'</i>	<i>079°38.6'</i>	<i>CLR</i>		<i>10</i>	<i>160</i>	<i>8</i>	<i>1017.2</i>	<i>1</i>	<i>100</i>	<i>1-2</i>	<i>28.8</i>	<i>26.5</i>	<i>23.0</i>
06	<i>29°21.8'N</i>	<i>079°43.7'W</i>	<i>CLR</i>		<i>10</i>	<i>160</i>	<i>8</i>	<i>1017.5</i>	<i>1</i>	<i>110</i>	<i>1-2</i>	<i>28.7</i>	<i>26.5</i>	<i>22.7</i>
07	<i>29°22.5'N</i>	<i>079°43.8'W</i>	<i>CLR</i>		<i>10</i>	<i>160</i>	<i>5</i>	<i>1018.2</i>	<i>1</i>	<i>110</i>	<i>1-2</i>	<i>28.7</i>	<i>26.5</i>	<i>22.5</i>
08	<i>29°21.3N</i>	<i>079°43.5W</i>	<i>FEW</i>		<i>10</i>	<i>170</i>	<i>6</i>	<i>1018.4</i>	<i>1</i>	<i>110</i>	<i>1-2</i>	<i>28.6</i>	<i>26.6</i>	<i>22.0</i>
09	<i>29°21.8N</i>	<i>079°43.7W</i>	<i>FEW</i>		<i>10</i>	<i>180</i>	<i>5</i>	<i>1018.6</i>	<i>1</i>	<i>110</i>	<i>1-2</i>	<i>28.7</i>	<i>27.2</i>	<i>21.5</i>
10	<i>29°21.9N</i>	<i>079°43.7W</i>	<i>FEW</i>		<i>10</i>	<i>200</i>	<i>7</i>	<i>1018.7</i>	<i>1</i>	<i>110</i>	<i>1-2</i>	<i>28.7</i>	<i>27.2</i>	<i>22.3</i>
11	<i>29°21.9N</i>	<i>079°43.7W</i>	<i>FEW</i>		<i>10</i>	<i>190</i>	<i>8</i>	<i>1018.6</i>	<i>1</i>	<i>110</i>	<i>1-2</i>	<i>28.7</i>	<i>27.3</i>	<i>22.3</i>
12	<i>29°21.9N</i>	<i>079°43.6W</i>	<i>FEW</i>		<i>10</i>	<i>185</i>	<i>7</i>	<i>1018.6</i>	<i>1</i>	<i>110</i>	<i>1-2</i>	<i>28.8</i>	<i>27.2</i>	<i>22.7</i>
13	<i>29°22.0N</i>	<i>079°43.6W</i>	<i>FEW</i>		<i>10</i>	<i>180</i>	<i>7</i>	<i>1018.3</i>	<i>1</i>	<i>110</i>	<i>1-2</i>	<i>28.8</i>	<i>27.2</i>	<i>22.7</i>
14	<i>29°22.1N</i>	<i>079°43.6W</i>	<i>CLR</i>		<i>10</i>	<i>195</i>	<i>7</i>	<i>1017.7</i>	<i>1</i>	<i>110</i>	<i>1-2</i>	<i>28.8</i>	<i>27.4</i>	<i>22.9</i>
15	<i>29°22.1N</i>	<i>079°43.7W</i>	<i>CLR</i>		<i>10</i>	<i>190</i>	<i>10</i>	<i>1017.2</i>	<i>1</i>	<i>110</i>	<i>1-2</i>	<i>29.0</i>	<i>27.6</i>	<i>22.8</i>
16	<i>29°22.1'</i>	<i>079°43.7'</i>	<i>CLR</i>		<i>10</i>	<i>190</i>	<i>9</i>	<i>1017.2</i>	<i>1</i>	<i>120</i>	<i>1-2</i>	<i>29.0</i>	<i>28.2</i>	<i>23.8</i>
17	<i>29°23.2'</i>	<i>079°43.8'</i>	<i>CLR</i>		<i>10</i>	<i>190</i>	<i>9</i>	<i>1017.2</i>	<i>1</i>	<i>120</i>	<i>1-2</i>	<i>29.0</i>	<i>27.5</i>	<i>22.6</i>
18	<i>29°20.5'</i>	<i>079°36.9'</i>	<i>FEW</i>		<i>10</i>	<i>200</i>	<i>12</i>	<i>1017.2</i>	<i>1</i>	<i>120</i>	<i>1-2</i>	<i>29.0</i>	<i>28.3</i>	<i>23.7</i>
19	<i>29°26.0'</i>	<i>079°34.7'</i>	<i>FEW</i>		<i>10</i>	<i>195</i>	<i>11</i>		<i>1</i>	<i>230</i>	<i>1-2</i>	<i>?</i>	<i>28.5</i>	<i>24.1</i>
20	<i>29°34.0N</i>	<i>079°36.2W</i>	<i>FEW</i>		<i>10</i>	<i>190</i>	<i>12</i>	<i>1015.0</i>	<i>1</i>	<i>200</i>	<i>1-2</i>	<i>—</i>	<i>23.9</i>	<i>22.9</i>
21	<i>29°43.4N</i>	<i>079°37.8W</i>	<i>SCT</i>		<i>10</i>	<i>200</i>	<i>12</i>	<i>1015.3</i>	<i>1</i>	<i>—</i>	<i>1-2</i>	<i>—</i>	<i>27.5</i>	<i>23.5</i>
22	<i>29°50.2N</i>	<i>079°37.1W</i>	<i>SCT</i>		<i>10</i>	<i>190</i>	<i>13</i>	<i>1016.0</i>	<i>1</i>	<i>—</i>	<i>1-2</i>	<i>—</i>	<i>29.5</i>	<i>24.5</i>
23	<i>29°58.9N</i>	<i>079°33.8W</i>	<i>SCT</i>		<i>10</i>	<i>228</i>	<i>12</i>	<i>1016.0</i>	<i>1</i>	<i>—</i>	<i>1</i>	<i>—</i>	<i>27.1</i>	<i>23.3</i>

RPR

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship			TIME ZONE	DAY OF WEEK	DATE (dd mmm yyyy)									
ORANGE EXPLORER (R-337)			-4	WEDNESDAY	20 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	30°07.3 N	079°30.8 W	FEW		10	215	15	1016.1	1	200	1	-	27	24
01	30°15.4 N	079°27.8 W	FEW		10	210	16	1016.0	1	200	1	-	28	24.5
02	30°23.18 N	079°26.95 W	FEW		10	210	16	1015.0	1	200	1	-	28	24.5
03	30°29.75 N	079°30.49 W	FEW		10	210	15	1015.0	1	200	1	-	28	24.5
04	30°31.7'	079°27.2'	CLR		10	210	18	1014.0	1	200	1	-	28.2	24.7
05	30°25.5'	079°30.6'	FEW	LTC VC	10	205	18	1013.9	1-2	220	2	-	28.4	24.4
06	30°24.1'	079°36.0'	FEW		10	210	19	1013.5	1-2	225	2-3	-	28.4	24.0
07	30°24.5'	079°36.0'	FEW		10	210	17	1014.3	1-2	230	2-3	28.8	30.5	24.5
08	30°23.4 N	079°36.5 W	FEW		10	220	16	1014.6	1-2	200	2-3	28.8	28.2	23.6 28.1 BR
09	30°23.4 N	079°36.3 W	FEW		10	230	16	1014.7	1-2	200	2-3	28.7	28.1	23.8
10	30°24.1' N	079°36.0' W	FEW		10	235	16	1014.8	1-2	230	2-3	28.7	28.0	24.2
11	30°24.1 N	079°35.9 W	SCT		10	240	17	1014.9	1-2 2-3	210	2-3	28.7	27.8	25.0 BR
12	30°24.18 N	079°35.9 W	FEW		10	240	18	1014.7	2-3	220	2-4	28.7	27.8	25.3
13	30°24.1 N	079°36.0 W	FEW		10	230	16	1014.6	2-3	220	2-4	28.8	27.7	25.3
14	30°24.2 N	079°36.1 W	FEW		10	230	16	1014.6	2-3	220	2-4	28.8	27.9	25.4
15	30°24.2 N	079°36.1 W	FEW		10	230	16	1013.6	2-3	220	2-4	28.9	28.0	25.3
16	30°24.2'	079°36.2'	FEW		10	195	15	1012.7	1-3	220	2-4	28.9	28.5	26.0
17	30°25.3' N	079°35.6' W	FEW		10	190	17	1012.5	1-3	220	2-4	28.95	28.1	25.5
18	30°31.5' N	079°32.2' W	FEW		10	205	14	1012.6	1-2	220	2-3	28.9	29.4	25.9
19	30°37.2' N	079°26.7' W	FEW		10	200	17	1013.1	1-2	220	2-3 2-4	28.9	28.8	25.0 RSP
20	30°46.4' N	079°22.9' W	SCT		10	210	18	1013.0	1-3	220	1-2	28.9	30.0	26.2
21	30°55.4'	079°16.7'	SCT		10	210	18	1013.0	1-3	220	1-2	28.9	28.9	26.2
22	31°02.3'	079°10.8'	SCT		10	210	15	1013.6	1-3	220	1-2	28.9	28.5	26.2
23	31°09.8'	079°04.4'	FEW		10 10	210	20	1013.4	1-3	240	2-3	28.8	20.5	25.8 FM

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship				TIME ZONE	DAY OF WEEK	DATE (dd mmm yyyy)								
OCEANUS EXPLORER (R-337)				-4	THURSDAY	21 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	31°16.77N	078°58.43W	FEW		10	211	18	1013.2	2-3	240	2-4	28.8	28.7	25.3
01	31°25.5N	078°50.8W	FEW		10	211	20	1013.0	2-3	240	2-3	28.8	28.7	25.0
02	31°32.1N	078°45.2W	FEW		10	217	18	1012.7	2-3	240	2-4	28.8	28.4	25.5
03	31°40.3N	078°38.1W	SCT		10	227	19	1012.1	2-3	240	3-4	28.9	28.4	25.3
04	31°48.1'	078°31.4'	FEW		10	230	21	1011.6	3	240	3-4	28.9	28.7	26.0
05	31°55.2'	078°24.2'	FEW		10	225	23	1011.3	2-3	240	3-4	28.9	28.6	25.4
06	32°01.1'N	078°19.0'W	FEW		10	225	19-25	1011.3	2-3	220	3-5	28.9	28.5	25.1
07	32°00.5'N	078°14.6'W	FEW		10	230	25	1010.9	2-3	220	3-5	28.9	28.3	25.7
08	32°01.4 N	078°11.5 W	SCT		10	240	16	1012.1	2-3	220	3-5	28.7	28.8	25.7
09	32°00.4N	077°51.3W	SCT		10	230	20	1012.2	2-3	220	3-5	28.9	28.4	25.8
10	31°54.4N	077°40.3W	SCT		10	240	20	1012.2	2-3	230	3-5 ⁴⁻⁶	29.0	28.6	25.6
11	31°49.9N	077°30.1W	SCT		10	230	22	1012.3	3	230	4-6	28.7	28.5	25.8
12														*
13	31°45.9N	077°21.9W	SCT		10	230	23	1012.3	3	230	4-6	28.9	28.5	25.8
14	31°46.20N	077°21.76 W	SCT		10	213	19	1011.8	3-4	240	5-6	28.7	28.1	25.8
15	31°46.14N	077°21.71 W	SCT		10	215	20	1011.4	3-4	240	5-6	28.7	28.1	26.1
16	31°46.1'	077°21.8'	BKN		10	215	20	1011.4	3-4	240	5-6	28.8	28.7	27.0
17	31°46.2'	077°21.9'	BKN		10	210	20	1011.0	3	240	5	28.8	28.9	27.1
18	31°46.2'	077°21.9'	OVC		10	215	20	1010.8	2-3	210/240	5/4	28.8	28.7	27.0
19	31°46.1'	077°21.9'	SCT		10	210	21	1010.8	2-3	240	4-6	28.8	28.7	27.0
20	31°47.9	077°17.4	BKN		10	220	18	1011.5	3-5	230/280	4-6	28.8	28.5	27.1
21	31°56.7'	077°16.1	BKN		10	220	17	1011.7	3-5	230/280	4-6	28.9	28.6	27.3
22	32°05.6'	077°14.7	BKN		10	218	17	1012.0	3-6	230	4-6	29.0	28.7	27.0
23	32°03.8'	077°09.1'	BKN		10	230	19	1012.0	3-6	230	4-6	29.0	28.5	27.3

* 1200 - DP OPERATIONS

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <u>OCEANUS EXPLORER (R-337)</u>							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°54.3 N	077°13.5 W	SCT		10	229	18	1012.1	3-5	240	4-6	28.9	28.4	26.7
01	31°51.6 N	077°14.7 W	SCT		10	231	20	1011.8	3-6	240	4-6	28.8	28.1	26.5
02	31°44.1 N	077°13.7 W	SCT		10	224	20	1011.5	3-6	260	4-6	28.7	28.0	26.4
03	31°51.8 N	077°12.5 W	SCT		10	228	18	1011.2	3-6	230	4-6	28.7	28.3	26.5
04	32°01.1'	077°11.1'	CLR		10	225	13	1010.9	3-6	230	4-6	28.9	28.2	26.4
05	31°57.0	077°09.5	FEW		10	245	18	1010.7	3-6	230	4-6	28.8	28.5	27.5
06	32°01.4' N	077°09.4' W	SCT		10	230	15	1011.3	3	275	3-5	28.9	28.1	26.6
07	32°05.6'	077°09.1'	SCT		10	230	17	1011.6	2	260	3-4	28.9	28.9	27.5
08	32°05.2 N	077°10.1 W	SCT		10	220	16	1012.5	2	230	3-4	28.9	28.4	25.8
09														* BP
10	32°05.5 N	077°09.6 W	BKN		10	220	16	1013.5	2	230	3-4	28.8	28.5	26.9
11	32°05.5 N	077°09.7 W	SCT		10	210	15	1013.6	2	230	3-4	28.8	28.6	27.1
12	32°05.4 N	077°09.7 W	SCT		10	200	16	1013.4	1-2	230	2-4	28.9	28.9	27.1
13	32°05.5'	077°09.8' W	SCT		10	220	13	1013.3	1-2	230	2-4	29.0	29.1	27.3
14	32°05.4 N	077°09.8 W	SCT		10	219	14	1013.2	1-2	230	2-3	29.0	29.0	27.0
15	32°05.4 N	077°09.9 W	SCT		10	209	8	1012.8	1-2	230	2-3	29.1	29.0	27.0
16	32°05.5	077°10.1'	BKN		10	210	14	1012.7	1-2	220	2-3	29.4	29.6	28.0
17	32°06.1' N	077°08.9' W	BKN		10	200	13	1012.7	1-2	220	2-3	29.5	29.3	27.9
18	32°06.1' N	077°10.3' W	BKN		10	200	15	1012.6	1-2	220	2-3	29.3	28.9	27.4
19	32°14.5' N	077°09.5' W	SCT		10	215	14	1012.6	1-2	220	2-3	29.6	29.6	27.4
20	32°11.3'	077°07.7'	SCT		10	213	14	1012.5	2-4 2-3	—	—	29.5	29.3	27.7
21	32°04.7'	077°06.8'	SCT		10	205	17	1013.0	2-4	—	—	29.1	28.8	27.7
22	32°12.8'	077°05.6'	SCT		10	195	16	1013.7	2-4	—	—	29.3	28.8	27.5
23	32°12.5'	077°03.2'	BKN		10	200	18	1014.0	2-5	—	—	29.3	28.8	27.4

* 0900 DP TROUBLESHOOTING

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337)	TIME ZONE -4	DAY OF WEEK SATURDAY	DATE (dd mmm yyyy) 23 JUN 2018
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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°05.1 N	077°03.8 W	FEW		10	223	17	1014.2	3-5	230	2-3	29.2	29.4	26.7
01	32°11.2 N	076°59.3 SW	FEW		10	209	17	1014.3	3-5	230	2-3	29.0	28.8	26.6
02	32°19.19 N	076°54.2 W	FEW		10	220	18	1014.1	3-5	230	2-3	29.0	28.4	26.5
03	32°25.2 N	076°44.1	FEW		10	222	16	1013.8	3-4	230	2-3	29.1	28.4	26.5
04	32°26.7	076°33.5	FEW		10	235	13	1013.7	3	230	2-3	28.8	28.4	27.1
05	32°28.4'	076°21.5'	FEW		10	230	13	1013.7	2	230	2-3	29.0	28.7	27.3
06	32°29.9'	076°11.4'	FEW		10	220	15	1013.9	2	230	2-3	—*	28.4	26.9
07	32°29.8'	076°11.6'	FEW		10	205	15	1014.0	2	230	2-3	—	28.9	27.0
08	32°30.1 N	076°11.1 W	SCT		10	215	18	1015.0	2-3	230	2-3	—	28.9	26.9
09	32°29.7 N	076°11.5 W	SCT		10	220	18	1015.4	2-3	230	2-3	—	28.5	26.5
10	32°29.7 N	076°11 W	FEW		10	234	17.2	1016	3-4	230	2-4	—	29.8	27
11	32°29.8 N	076°11.5 N	FEW		10	235	17	1016	2-3	247	2-4	—	29.5	27.5
12	32°29.8 N	076°11.5 W	FEW		10	230	13	1015.5	2-3	240	2-4	—	29.0	27.5
13	32°29.7 N	076°11.5 W	FEW		10	230	15	1015.7	2-3	240	2-4	—	29.5	27.0
14	32°29.7 N	076°11.57 W	FEW		10	230	15	1015.0	2-3	240	2-4	—	29.5	27.5
15	32°29.7 N	076°11.5 W	FEW		10	230	16	1015.5	2-3	230	2-4	—	29.5	27.0
16	32°29.6'	076°11.8	SCT		10	210	13	1015.1	2-3	CONF	3-4	—	29.4	27.3
17	32°28.4'	076°12.9'	FEW		10	210	12	1014.4	2-3	CONF	3-4	—	30.0	28.0
18	32°31.4'	076°12.1'	FEW		10	210	14	1014.5	2	280	3-4	—	30.0	27.3
19	32°43.1	076°13.3	FEW		10	205	16	1014.3	2	290/250	3-4	29.1	29.9	27.1
20	32°49.6	076°14.4	SCT FEW		10	206	19	1014.7	2	300	2-3	29.3	29.3	26.9
21	33°01.5	076°15.6	BRK		10	206	21.7	1014.8	2	290/270	2-3	29.4	28	26.5
22	33°13.0'	076°17.1'	BRN		10	210	23	1015.0	6	CONFUSED		29.3	29.0	26.5
23	33°25.3'	076°18.8'	FEW		10	210	23	1015.5	6-8	CONFUSED		28.5	28.7	26.5

FM
FM
FM

*0600 - SCS SECURED.

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	33°37.0N	076°20.3W	FEW		10	211	18	1014.9	3-4	270	2-5	27.9	27.8	25.8
01	33°46.4N	076°13.7W	FEW		10	214	22	1014.7	3-4	260	2-5	27.9	28.4	26.1
02	33°42.9N	076°19.4W	FEW		10	220	23	1013.8	4-5	220	3-5	27.9	27.7	26.0
03	33°41.4N	076°22.5W	FEW		10	220	21	1014.4	4-5	221	3-5	27.8	27.9	26.1
04	33°49.8'	076°13.9'	FEW		10	210	23	1014.2	4-5	221	3-5	27.9	28.1	26.7
05	33°45.9'	076°18.8'	SCT		10	230	23	1014.6	4-5	221	3-5	27.9	28.4	27.0
06	33°40.8'	076°24.1'	SCT		10	230	23	1015.1	5-6	200	5-6	27.7	28.1	26.9
07	33°34.8'	076°27.6'	BKN		10	240	18	1015.7	3-4	220	5-6	28.0	28.6	27.5
08	33°34.6N	076°27.7W	SCT		10	245	17	1016.1	3-4	220	5-6	28.1	28.1	26.2
09	33°34.6	076°27.7	SCT		10	260	20	1016.5	3-4	220	5-6	28.1	28	25.8
10	33°34.6	076°27.8	SCT		10	250	16	1016.9	2-3	220	4-5	28.03	27.9	26.1
11	33°34.6	076°27.9	SCT		10	264.9	16	1015.5	2-3	220	4-5	28.7	28.18	25.8
12	33°34.5N	076°27.9W	SCT		10	220	16	1016.4	2-3	220	3-4	28.5	28.1	25.9
13	33°34.4N	076°27.9W	SCT		10	222	16	1016.7	2-3	220	3-5	28.5	28.2	26.0
14	33°34.4N	076°27.9W	SCT		10	222	16	1016.9	2-3	220	3-5	28.2	28.2	26.3
15	33°34.4N	076°27.9W	SCT		10	201	16	1016.4	2-3	220	3-5	28.3	28.3	26.3
16	33°34.4N	076°27.9W	FEW		10	200	21	1016.4	2-3	210	3-5	28.3	28.7	27.0
17	33°34.6'	076°27.5'	FEW		10	220	20	1016.2	2-3	210	3-5	28.2	28.6	26.5
18	33° ^{38.2'} 38.5'	076°20.9'	FEW		10	220	22	1015.9	2	210	3-4	28.3	28.8	27.5
19	33°46.5N	076°12.4W	FEW		10	210	20	1015.9	2	210	3-4	28.5	28.5	26.9
20	33°54.7N	076°04.7W	BKN		10	210	18	1016.5	2	210	3-5	28.6	28.1	26.2
21	34°09.2N	075°52.7W	BKN	LTG, RPT HZ	8 +0	230	21	1017.4	2	210	3-5	28.2	28.9	27.1
22	34°14.7N	075°49.2W	OVC	LTG, RA SG	8	270	24	1017.4	2	210	3-5	28.0	25.7	23.9
23	34°25.8N	075°45.8W	BKN	LTG	10	230	18	1016.0	2	210	3-5	28.2	26.3	24.1

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship <i>OCEANUS EXPLORER (R-337)</i>						TIME ZONE <i>-4</i>	DAY OF WEEK <i>MONDAY</i>	DATE (dd mmm yyyy) <i>25 JUN 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	34°35.1N	075°38.6W	SCT	TS	10	234	18	1016.4	2-3	210	3-5	28.1	27.5	24.1
01	34°42.6N	075°31.5W	SCT		10	222	12	1016.0	1	220	4-6	27.8	27.9	23.8
02	34°45.0N	075°22.5W	SCT		10	222	16	1015.5	2	220	4-6	27.8	28.1	24.8
03	34°50.4N	075°19.3W	SCT	TS	10	222	24	1014.9	2-3	220	4-6	27.7	29.2	25.2
04	34°52.7'	075°15.7'	SCT	LTG VC	10	225	18	1014.7	2-3	220	4-6	25.0	27.8	26.0
05	34°50.0'	075°18.0'	SCT	LTG VC	10	255	18	1015.1	2	215	4-6	25.2	27.0	25.0
06	34°46.4	075°20.5	SCT		10	270	15	1016.0	2	220	4-6	27.9	27.5	25.0
07	34°46.5	075°19.8'	SCT		10	250	14	1016.9	2	220	4-5	27.8	27.4	25.6
08	34°46.4N	075°21.0W	SCT		10	270	19	1017.6	2	220	4-5	27.8	27.9	23.8
09	34°46.46N	075°20.55	SCT		10	247.39	17	1015.55	2-3	220	4-5	27.8	28.17	25.3
10														*
11	34°46.4N	075°20.6W	SCT		10	260	17	1017.6	2-3	220	4-5	27.9	28.1	25.2
12	34°46.4N	075°20.7W	SCT		10	253	11	1018.1	2-3	220	4-5	28	29.1	25.6
13	34°46.5N	075°20.8W	SCT		10	244	10	1018.4	2-3	220	4-5	27.9	28.0	25.3
14	34°46.5N	075°20.8W	SCT		10	244 ³¹⁵	6	1018.1	2	220	4-5	28	28.3	24.8
15	34°46.6N	075°20.9W	SCT		10	330	2	1018.1	2	220	4-5	28.1	28.5	24.8
16	34°46.7'N	075°20.9'	SCT		10	325	2-4	1018.7	1-2	220 ¹⁸⁰	2-4	28.3	31.0	27.0
17	34°47.6'	075°19.8'												*
18	34°49.8N	075°21.5W	SCT		10	012	2-3 ¹¹	1017.5	1-2	220	2-4	28.2	26.2	23.4
19	34°49.7'	075°22.8'												
20	34°53.36N	075°17.61	SCT		10	30.2	11.17	1018.76	1-2	220	2-4	27.99	26.05	23.4
21	34°53.6'	075°18.7'	SCT ^{BKN}		10	040	11	1019.7				27.9 ^{29.4}	26.6	24.6
22	34°50.92	075°24.05	BKN	TS	10	30.5 ⁰³⁰	14	1019.5	1-2	025	2-4	28.5	26.34	22.8
23	34°55.4'	075°17.4'	OVC	LTG	10 ⁺	030	19	1020.0	2-3	025	3-5	27.8	26.2	23.0

* 1000 OPS/TRAFFIC

DIVE OPERATIONS

* 2108 LIGHTNING TO THE SOUTH/SE

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337)										TIME ZONE -4		DAY OF WEEK TUESDAY		DATE (dd mmm yyyy) 26 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	34°59.3 N	075°10.1 W	OVC		10	061	14	1019.2	2	030	4-5	25.0	25.9	22.2		
01	35°02.0 N	075°03.3 W	OVC		10	050	13	1019.7	2	030	4-5	27.4	26.1	22.2		
02	34°55.9 N	075°58.3 W	OVC		10	050	13	1019.7	2	030	4-5	29.9	26.2	22.4		
03	34°50.5 N	074°53.8 W	OVC		10	040	8	1019.0	2	030	4-5	28.3	26.6	22.7		
04	34°44.7	074°49.1	BKN	LTG VC	10	050	7	1018.3	2	030	4-5	28.7	27.1	23.7		
05	34°39.1	074°44.6	BKN		10	050	8	1018.6	1-2	040	4	28.7	27.0	23.8		
06	34°34.7'	074°41.0'	BKN		10	070	16	1019.2	1-2	040	4	28.7	27.2	24.5		
07	34°35.1'	074°40.5	BKN		10	080	16	1019.3	2-3	065	4-5	28.7	27.1	24.1		
08	34°39.7 N	074°43.3 W	BKN		10	090	15	1019.8	2-3	080	4-5	28.6	26.7	23.1		
09	34°48.6 N	074°49.5 W	BKN	LA -	10	100	12	1020.3	2-3	080	4-5	28.2	25.8	23.1		
10	34°52.3 N	074°53.4 W	OVC		10	075	15	1020.8	2-3	050	4-5	28.3	26.5	22.5		
11	35°04.3 N	075°00.2 W	OVC		10	070	18	1021.3	2-3	050	4-5	27.3	26.1	22.0		
12	35°06.00 N	075°00.7 W	OVC		10	075	16	1021.4	3	060	4-5	25.7	25.9	20.3		
13	35°05.7 N	075°01.75 W	OVC		10	070	16	1021.2	3	060	4-5	26.6	26.1	22.0		
14	35°05.4 N	075°01.1 W	OVC		10	075 ¹⁰⁰	16	1020.3	3	060	4-5	26.6	26.2	21.8		
15	35°05.9 N	075°01.2 W	OVC		10	084	13	1020.4	3	070	4-5	25.7	26.2	21.8		
16	35°06.0'	075°01.2'	BKN		10	070	12	1020.4	2-3	045	4-5	26.6	26.9	23.9		
17	35°06.0'	075°01.3'	BKN		10	100	12	1019.9	2-3	060	4-5	27.1	27.0	23.2		
18	35°06.1' N	075°01.3' W	BKN		10	105	12	1019.3	2-3	060 ⁰⁶⁰	4-5	27.5	27.8	23.5		
19	35°06.3' N	075°01.7' W	BKN		10	070	15	1019.5	2-3	060	4-5	27.5	24.9	22.8		
20	35°04.9'	075°03.1'	OVC		5	110	16	1019.8	8	CONFUSED		28.3	26.2	23.8		
21	35°01.0'	075°10.3'	OVC		10	110	20	1019.9	8	CONFUSED		28.1	26.2	24.2		
22	34°56.8'	075°17.3'	OVC	LTG	10	105	20	1020.0	8	CONFUSED		27.9	26.0	24.0		
23	34°52.1'	075°23.6'	BKN		10	105	22	1020.0	8	CONFUSED		27.9	26.2	24.5		

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) TIME ZONE -4 DAY OF WEEK WEDNESDAY DATE (dd mmm yyyy) 27 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	34°47.4N	075°30.7W	BKN		10	105	14	1019.2	2-3	050	4-5	27.1	25.4	23.5
01	34°41.6N	075°33.3W	OVC	LTC	10	124	12	1018.7	3	060	4-6	27.8	25.5	23.3
02	34°34.4N	075°38.3W	BKN	LTC	10	150	2	1017.9	0	050	3-5	27.9	24.2	22.4
03	34°28.7N	075°42.6W	BKN		10	200	7	1018.0	0	050	3-5	—*	25	24
04	34° 22.7'	075° 47.2'	BKN		10	245	4	1017.6	0-1	020	3-4	—	25.8	24.2
05	34°24.8'	075°47.9'	BKN	RA VC	10	VAR	LGT	1017.0	<1	020	2-4	—	25.6	24.0
06	34°30.3'N	075°41.5'W	BKN		10	VAR	LGT	1016.6	<1	060	2-3	—	25.0	23.8
07	34° 30.5'	075° 42.0'	BKN		10	VAR	LT	1017.1	<1	040	2-5	—	25.8	24.5
08	34°30.2'	075°41.9'	BKN		10	2622	5	1017.3 +032	1-2	060	2-4	—	26	2.5
09	34°30.5N	075°41.6W	SCT		10	290	4	1017.4	1-2	320/ 060	2-4	—	26.5	24.5
10	34°30.29	075°41.7	SCT		10	347.6	4	1017.9	1-2	055/ 010	2-5	—	29	26
11	34°30.2N	075°41.5W	SCT		10	340	3	1017.8	1-2	040	2-5	—	27.1	24.5
12	34°30.2N	075°41.7W	SCT		10	340	3	1017.1	<1	050/ 030	2-5/ 3-4	—	27.1	24.9
13	34°30.2N	075°41.8W	SCT		10	340	3	1017.0	<1	050/ 030	2-5/ 3-4	—	27.0	24.8
14	34°30.2N	075°41.8W	SCT		10	340	3	1016.9	<1	070/ 040	3-5/ 3-5	—	27.0	24.9
15	34°30.2N	075°41.7W	SCT		10	340	2	1016.9	<1	070/ 040	3-5/ 3-5	—	28.1	24.9
16	34°30.2'	075°41.8'	SCT		10	340	LT	1016.5	<1	090/ 040	3-5	—	29.3	26.0
17	34°30.5'N	075°40.9'W	SCT		10	VAR	LGT	1015.0	<1	090/ 040	3-4	—	30.0	27.0
18	34°32.2'N	075°42.0'W	SCT		10	VAR	LGT	1014.0	<1	090/ 040	2-4	—	29.0	26.0
19	34°40.1'	075°36.0	FEW		10	075	5	1014.1	1	090/ 010	2-5	28.2	27.4	25.0
20	34°47.1'	075°31.8	SCT		10 ⁺	115	8	1014.5	2	090/ 040	3-5	28.3	29.5	26.0
21	34°53.20	07522.78	SCT		10	136.09	5 4.7	1014.6	2	090/ 040	3-5	28.06	26.59	23.6
22	34°59.8'	075°16.9'	SCT		10	138	6	1015.0	2	100/ 180	3-5	27.9	29.3	24.5
23	34°58.4'	075°08.2'	SCT		10	174	8	1015.1	1	090	4-6	28.3	27.0	25.0

* 0500 PCS SEWLED
2200 Swell 090° 3'-5'

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship OCEANUS EXPLORER (R-337) TIME ZONE -4 DAY OF WEEK THURSDAY DATE (dd mmm yyyy) 28 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	35°04.8N	075°01.8W	FEW		10	340	7	1014.8	1	090/050	2-4/3-4	28.0	26.6	23.8
01	35°12.7N	075°00.0W	FEW		10	186	8	1014.3	1-2	090/050	2-4/3-5	26.5	26.6	23.0
02	35°17.5N	075°56.0W	FEW		10	235	8	1014.4	1-2	090/060	2-4/3-5	26.1	26.0	23.8
03	35°20.3N	075°58.2W	FEW		10	267	11	1014.1	2-3	090/060	2-4/3-5	27.7	26.7	23.2
04	35°07.8	074°59.0	FEW		10	245	10	1013.7	1	150/060	3-5	27.8	26.6	25.0
05	35°14.9'	074°54.0'	FEW		10	255	10	1013.7	1	110/060	5	26.6	26.2	24.8
06	35°17.9'N	074°57.0'W	FEW		10	235	7	1013.5	<1	110/060	3	24.5	25.2	24.7
07	35°17.6'N	074°56.6'W	FEW		10	220	6	1013.4	<1	110/060	3-4	24.5	26.0	25.0
08	35°18.1N	074°57.1W	FEW		10	210	5	1013.2	<1	120/080	3-4	23.9	26.1	24.4
09	35°17.8N	074°56.8W	FEW		10	230	8	1013.5	<1	120/080	3-5	23.8	27.0	24.9
10	35°17.7N	074°56.8W	FEW		10	210	8	1013.4	<1	090/150	3-5	23.9	26.9	25.1
11	35°17.7N	074°56.8W	SCT		10	210	8	1013.7	<1	100/170	3-5	24.3	27.7	25.3
12	35°17.6N	074°56.9W	SCT		10	215	10	1013.4	1-2	100/170	3-5	24.2	27.6	25.6
13	35°17.5N	074°56.9W	FEW		10	226	10	1013.3	1-2	100/170	3-5	25.3	28.5	24.8
14	35°17.5N	074°57.0W	FEW		10	225	11	1012.9	2-3	100/170	3-5	25.2	28.5	24.8
15	35°17.5N	074°57.0W	FEW		10	231	12	1012.6	2-3	110/170	3-5	24.6	28.0	24.4
16	35°17.5'	074°57.1'	FEW		10	220	14	1012.2	2-3	110/170	4-5/3-4	24.2	26.9	25.0
17	35°17.0	074°57.5'	FEW		10	225	14	1011.6	2-3	110/170	4-5/3-4	25.2		
18	35°20.7N	074°53.8W	CLR		10	220	13.5	1011.5	2-3	110/170	3-5	25.3	27.6	26.0
19	35°28.4'	074°49.2'	FEW		10	210	15	1011.7	2	090/210	4-5/3	25.5	29.6	26.8
20	35°29.4'	074°49.2'	BKN		15	220	16	1012.0	4-6	060/210	5/4	25.6	26.5	25.5
21	35°21.1'	074°54.2'	SCT	LTC	15	240	14	1013.0	4-6	060/210	5/4	25.0	26.5	25.3
22	35°17.4'	074°57.1'	SCT	LTC	12	234	11	1014.0	4-6	060/210	5/4	24.9	26.3	25.4
23	35°25.5'	074°52.1'	BKN	LTC	10	220	13	1014.0	6	CONFUSED		24.9	26.0	25.0

Fm
Fm

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <u>OKEANOS EXPLORER (R-337)</u>								TIME ZONE -4	DAY OF WEEK FRIDAY	DATE (dd mmm yyyy) 29 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	35°32.6N	074°48.3W	OVC	LTG	10	209	14	1013.6	2-3	070/210	4-5/3-5	25.4	25.7	24.6
01	35°25.0N	074°52.7W	SCT	LTG	10	230	12	1013.8	2-3	070/210	4-5/3-5	24.8	25.6	24.6
02	35°16.6N	074°57.4W	SCT	LTG	10	267	13	1013.9	2-3	070/210	4-5/3-5	25.0	25.9	24.9
03	35°22.6N	074°54.7W	SCT	LTG	10	242	10	1014.2	2-3	070/210	4-5/3-5	24.6	25.4	24.6
04	35°30.8'N	074°49.4'W	BKN		10	215	7	1014.2	2-3	160/210	3-5/3-5	25.1	25.5	25.0
05	35°39.3'N	074°48.9'W	SCT		10	215	5	1013.9	2-3	160/210	3-5	25.3	25.5	24.9
06	35°32.4'	074°48.2'	BKN		10	235	5	1014.6	1	200	3-4	25.1	25.5	25.0
07	35°32.2'	074°48.0'	BKN		10	250	4	1014.9	1-2	200	3-4	25.3	25.4	24.5
08	35°33.5N	074°47.5W	SCT		10	290	6	1015.1	1-2	160/200	4-5	25.8	25.9	24.1
09														*
10	35°33.2N	074°49.6W	BKN		10	330	4	1016.7	1-2		4-5	26.1	26.5	24.7
11	35°33.4N	074°49.6W	BKN		10	350	3	1017.2	1-2	180/250	4-5	26.2	27.0	25.2
12	35°33.3W	074°47.5W	SCT		10	014	9	1017.0	1-2	180/250	3-5/4-5	26.5	26.9	22.9
13	35°33.3W	074°47.5W	SCT		10	037	7	1017.3	1-2	080/270	3-4/4-5	26.7	26.8	23.7
14	35°33.4W	074°47.5W	FEW		10	038	5	1017.1	1-2	180/120	3-4/4-5	26.6	26.9	23.8
15	35°33.4W	074°47.5W	FEW		10	031	3	1017.1	CL	180/120	3-4/3-4	26.4	27.4	24.3
16	35°33.5'	074°47.6'	FEW		10	000	LT	1017.0	<1	180/120	3-4	27.0	28.8	26.0
17	35°33.4'N	074°47.5'W	FEW		10	350	6	1017.0	1	180/120	3-4	26.5	28.0	25.5
18	35°33.212	074°47.5'	FEW		10	000	2	1017.0	1	180/20/210	2-4	26.5	28.1	25.4
19	35°32.7W	074°46.4W	FEW		10	005	6	1016.6	1	180/120/210	2-4	26.5	27.0	24.4
20	35°35.4'	074°49.3'	SCT		10	022	6	1016.8	1	190	2-4	26.5	27.0	24.8
21	35°41.9'	074°46.8'	SCT	LTG	10	354	3	1017.2	1	160/190	2-4	27.0	26.5	24.5
22	35°43.8'	074°39.5'	SCT	LTG	10	341	4	1018.0	<1	160	2-4	27.5	26.7	23.5
23	35°43.6'	074°46.8'	FEW	LTG	10	000	7	1019.0	<1	160	2-4	26.0	26.2	24.3

* (0900) TRAFFIC

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <u>OKEANUS EXPLORER (R-337)</u>								TIME ZONE <u>-4</u>	DAY OF WEEK <u>SATURDAY</u>	DATE (dd mmm yyyy) <u>30 JUN 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 <u>N</u>	LONGITUDE <u>W</u>				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	35° 49.5 N	074° 51.6 W	FEW TB		10	015	4	1018.7	<1	160	2-4	26.0	25.7	23.4
01	35° 52.2 N	074° 49.3 W	FEW		10	318	4	1018.3	<1	170	2-4	24.5	25.1	23.5
02	35° 47.8 N	074° 51.3 W	1-EW		10	326	6	1018.3	<1	170	2-4	26.0	25.7	23.6
03	35° 46.5 N	074° 51.3 W	FEW		10	247	5	1018.1	<1	170	2-4	26.0	25.6	23.9
04	35° 56.1	074° 50.1	FEW		10	260	LT	1018.1	<1	210	2-3	25.2	25.5	24.6
05	35° 50.7'	074° 52.3'	FEW	HZ	10	005	LT	1017.9	<1	210	2-3	24.6	25.1	24.3
06	35° 42.5	074° 50.6'	FEW		10	VAR	LGT	1018.5	<1	210	2-3	25.9	25.6	24.0
07	35° 42.3'	074° 49.2'	FEW		10	VAR	LGT	1018.6	<1	240	2-3	25.7	26.7	23.8
08	35° 42.6 N	074° 48.6 W	FEW		10	VAR	LT	1019.2	<1	—	2-3	25.7	27.0	23.8
09	35° 42.39	074° 48.69	FEW		10	26.2	4.5	1019.7	<1	180	2-3	25.7	26.8	23.6
10	35° 42.4 N	074° 48.9 W	CLR		10	VAR	LT	1019.7	<1	190	2-3	25.7	26.7	23.4
11	35° 42.4 N	074° 48.9 W	CLR		10	VAR	LT	1020.2	<1	190	2-3	26.0	27.1	23.1
12	35° 42.3 N	074° 48.7 W	CLR		10	015	4	1020.4	<1	190	2-3	26.0	27.1	23.2
13	35° 42.3 N	074° 48.7 W	CLR		10	010	4	1020.1	<1	190	2-4	25.8	27.3	23.5
14	35° 42.2 N	074° 48.9 W	CLR		10	VAR	LT	1019.9	<1	190	2-4	25.8	27.5	23.8
15	35° 42.2 N	074° 48.8 W	CLR		10	VAR	LT	1019.7	<1	190	2-4	25.9	28.6	23.7
16	34° 42.2' N	074° 48.9' W	CLR		10	VAR	LT	1019.3	<1	190	2-3	26.1	27.6	23.5
17	35° 42.1' N	074° 48.3' W	CLR		10	VAR	LT	1019.3	<1	190	2-3	26.6	27.8	23.5
18	35° 46.2'	074° 51.8'	FEW		10	065	6	1018.7	<1	160	2	26.5	27.6	24.3
19	35° 55.0	074° 51.2	FEW		10	080	5	1019.1	<1	170	2	25.3	27.3	24.8
20	36° 03.1'	074° 47.5'	SCT		10+	105	8	1019.3	<1	160	2	24.1	26.5	24.8
21	36° 12.0'	074° 46.8'	SCT		10+	105	5	1019.5	<1	160	2	24.0	26.5	25.0
22	36° 08.8'	074° 47.1'	FEW		10+	126	3	1019.8	<1	160	2	24.4	25.8	24.5
23	36° 14.8'	074° 46.8'	SCT		10+	192	4	1019.8	<1	160	2	24.5	25.6	25.0

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) TIME ZONE -4 DAY OF WEEK SUNDAY DATE (dd mmm yyyy) 01 JUL 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	36°14.0N	074°34.8W	CLR		10	223	8	1019.2	<1	170	2-3	24.3	25.5	24.4
01	36°13.6N	074°27.3W	CLR		10	231	8	1019.0	<1	170	2-3	24.7	25.4	24.3
02	36°17.0N	074°23.1W	FEW		10	250	8	1019.1	<1	170	2-3	26.1	25.3	24.3
03	36°13.4N	074°25.7W	FEW		10	265	9	1018.6	<1	170	2-3	25.5	25.3	24.0
04	36°08.7'	074°25.2'	FEW		10	255	9	1017.6	<1	170	2	25.6	25.8	24.9
05	36°08.5'	074°28.1'	FEW		10	245	9	1018.4	<1	170	2	26.0	25.4	24.4
06	36°13.8'	074°27.7'	FEW		10	285	6	1018.7	<1	180/120	3/2	24.9	25.5	24.5
07	36°13.7'	074°27.8'	FEW		10	300	3	1019.6	<1	180/100	3/2	25.6	25.5	24.8
08	36°13.7N	074°27.8W	FEW		10	310	LT	1019.9	<1	-	2-3	25.3	25.5	24.0
09	36°13.7N	074°27.8W	FEW		10	350	LT	1020.1	<1	120	2-3	25.3	25.6	24.3
10	36°13.8N	074°27.8W	FEW		8	320	2	1020.3	<1	120	2-3	25.3	26.7	24.2
11	36°13.8N	074°27.9W	FEW		10	VAR	LT	1020.3	<1	090	2	26.7	26.7	24.0
12	36°13.8N	074°27.9W	FEW		10	VAR	LT	1020.5	<1	100	2-3	24.5	27.5	24.4
13	36°13.8N	074°27.7W	FEW		10	VAR	LT	1020.5	<1	100	2	25.3	27.8	24.4
14	36°13.8N	074°27.9W	FEW		10	VAR	LT	1020.2	<1	100	2	24.4	28.6	24.8
15	36°13.8N	074°28.1W	FEW		10	VAR	LT	1019.6	<1	090	2	26.2	28.0	24.7
16	36°13.9N	074°28.0W	FEW		10	VAR	LT	1019.1	<1	090	1-2	28.1	28.9	24.8
17	36°14.3N	074°27.7W	FEW		10	VAR	LT	1018.6	<1	090	1-2	25.4	27.9	24.3
18	36°16.75N	074°28.1W	FEW		10	VAR	LT	1018.6	<1	090	1-2	25.0	27.8	24.4
19	36°30.2N	074°29.2W	FEW		10	VAR	LT	1018.6	<1	090	1-2	25.8	28.0	24.6
20	36°39.5'	074°30.2'	FEW		10+	VAR	LT	1018.4	<1	090	1-2	25.8	29.5	26.7
21	36°49.1'	074°29.6'	SCT		10+	VAR	LT	1018.5	<1	090	1-2	25.9	28.0	25.7
22	36°52.7'	074°34.0'	FEW		10+	VAR	LT	1018.7	<1	090	1-2	25.8	27.3	26.0
23	36°52.3'	074°45.3'	FEW		10+	VAR	LT	1019.0	<1	090	1-2	25.8	26.5	25.5

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship *OKEANOS EXPLORER (R-337)* TIME ZONE DAY OF WEEK *MONDAY* DATE (dd mmm yyyy) *02 JUL 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	<i>36°51.4N</i>	<i>074°57.3W</i>	<i>FEW</i>		<i>10</i>	<i>231</i>	<i>9</i>	<i>1018.7</i>	<i><1</i>	<i>090</i>	<i>2</i>	<i>25.7</i>	<i>26.1</i>	<i>25.1</i>
01	<i>36°51.5N</i>	<i>075°08.4W</i>	<i>FEW</i>		<i>10</i>	<i>210</i>	<i>8</i>	<i>1018.7</i>	<i><1</i>	<i>090</i>	<i>1-2</i>	<i>24.6</i>	<i>26.0</i>	<i>24.8</i>
02	<i>36°51.2N</i>	<i>075°18.2W</i>	<i>CLR</i>		<i>10</i>	<i>200</i>	<i>9</i>	<i>1018.6</i>	<i><1</i>	<i>090</i>	<i>1-2</i>	<i>23.8</i>	<i>25.8</i>	<i>25.0</i>
03	<i>36°50.9N</i>	<i>075°28.4W</i>	<i>CLR</i>		<i>10</i>	<i>210</i>	<i>9</i>	<i>1018.3</i>	<i><1</i>	<i>090</i>	<i>1-2</i>	<i>25.9</i>	<i>26.8</i>	<i>25.3</i>
04	<i>36°50.6N</i>	<i>075°38.5W</i>	<i>CLR</i>		<i>10</i>	<i>235</i>	<i>8</i>	<i>1018.3</i>	<i><1</i>	<i>090</i>	<i>1-2</i>	<i>27.1</i>	<i>27.2</i>	<i>25.4</i>
05	<i>36°50.6N</i>	<i>075°43.5W</i>	<i>CLR</i>		<i>10</i>	<i>245</i>	<i>10</i>	<i>1018.5</i>	<i><1</i>	<i>090</i>	<i>1-2</i>	<i>27.5</i>	<i>26.8</i>	<i>24.9</i>
06	<i>36°51.9N</i>	<i>075°50.3W</i>	<i>CLR</i>		<i>10</i>	<i>245</i>	<i>6</i>	<i>1018.6</i>	<i><1</i>	<i>170</i>	<i>1-2</i>	<i>27.2</i>	<i>26.4</i>	<i>24.6</i>
07	<i>36°56.5N</i>	<i>075°56.9W</i>	<i>CLR</i>		<i>10</i>	<i>250</i>	<i>3</i>	<i>1018.6</i>	<i>1</i>	<i>170</i>	<i>1-2</i>	<i>23.4</i>	<i>26.2</i>	<i>24.5</i>
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