NOAA Form 57-11-13D
(10-12)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OCEANOS EXPLORER (R-337) | TIME ZONE: -5 | DAY OF WEEK: FRIDAY | DATE (dd mmm yyyy): 13 APR 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
05	28°14.7 N	088°22.3W	FEW		10	160	11	1015.1	1-2	160	3-4	23.2	23.2	19.9
06	28°15.5N	088°21.9W	SCT		10	195	14	1015.3	1-2	115	4-5	23.2	22.7	20.2
07	28°15.7'N	088°22.3W	FEW		10	185	16	1015.9	2-3	130/180	4-5	23.2	22.9	19.8
08	28°15.7N	088°22.4	FEW		10	180	13	1014.8	2	110	4	23.2	24.0	21.0
09	28°15.6'N	088°22.2'W	FEW		10	150	7	1016.5	1	135/110	4	23.3	24.5	21.5
10	28°15.6'N	088°22.1'W	CLR		10	150	10	1017.0	1	110	4	23.3	25.0	22.0
11	28°15.6'N	088°22.2'W	CLR		10	135	10	1016.2	1	110	3-4	23.5	24.5	22.5
12	28°15.6'	088°22.3'	FEW		10	130	12	1016.0	1	120	2-4	23.6	25.0	23.3
13	28°15.6'	088°22.3'	FEW		10	140	11	1015.9	1	120	2-4	23.8	25.2	23.0
14	28°15.6'	088°22.3	SCT		10	140	12	1015.9	1	120	2-4	23.9	25.5	23.3
15	28°15.6'	088°22.3'	FEW		10	130	11	1015.3	1	120	2-4	23.9	25.0	23.3
16	28°15.5	088°22.2	CLR		10	135	12	1013.2	1	120	3	24.1	25.0	23.5
17	28°15.2'N	088°21.8'W	CLR		10	135	12	1014.5	1	120	3	24.1	25.0	23.3
18	28°08.0'N	088°19.7W	FEW		10	130	12	1013.1	1.5	130	4	24.1	25.0	23.5
19	27°58.6N	088°16.2W	FEW		10	130	12	1013.0	2	130	4	23.9	24.4	23.3
20	28°01.2'N	088°10.5W	FEW		10	130	14	1014.4	2	090	4	23.8	24.5	23.5
21	28°08.4'N	088°02.5'W	FEW/HZ		10	135	16	1014.9	2	120	4	23.8	24.5	23.4
22	28°15.09'N	087°58.7'W	FEW/HZ		10	140	14	1014.1	2	120	4	23.6	24.4	23.4
23	28°26.8'N	088°03.1'W	FEW/HZ		10	140	16	1013.0	2	130	4	23.7	24.2	23.5

SUPERSEDES NOAA Form 77-13D (3-76)

NOAA Form 57-11-13D
(10-12)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) | TIME ZONE -5 | DAY OF WEEK SATURDAY | DATE (dd mmm yyyy) 14APR2018

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	28°32.5'	088°08.5'	CLR		10	150	19	1012.6	2	130	4	23.6	24.5	23.8
01	28°38.0'	088°16.9'	CLR		10	160	20	1012.2	2	130	4	23.7	24.5	23.5
02	28°44.0'	088°26.1'	CLR		10	160	19	1011.5	2	130	4	23.6	24.5	23.5
03	28°52.5'	088°29.7'	CLR		10	150	21	1010.8	2	130	4	23.7	24.5	23.5
04	28°52.2N	088°28.3W	FEW		10	010	23	1009.8	2	130	4	23.6	24.2	23.0
05	28°50.1N	088°26.6W	FEW		10	150	25	1009.7	2	130	4-5	23.6	25.0	23.3
06	28°53.3	088°28.4	CLR	HAZE	~~06NM~~ 10	150	28	1009.5	2	150	5	23.7	24.3	23.0
07	28°53.3	088°28.4	CLR	HAZE	7	150	28	1009.8	2	150	5	23.1	24.3	23.1
08	28°54.7	088°30.5	CLR		7	150	28	1011.0	2	150	5	23.7	24.5	23.3
09	28°55.9'N	088°38.3'W	CLR	HAZE	7	150	24	1009.9	2	150/200	5-6	23.5	24.6	23.4
10	28°52.7'N	088°42.6'W	FEW	HZ	8	150	21	1009.7	2	150	5-6	23.8	24.6	23.4
11	28°49.5N	088°52.3W	FEW	HZ	~~8~~ 6	150	14	1010.1	2	150	5-6	23.9	25.0	24.0
12	28°46.7'	088°58.9	BKN	HZ	6	130	12	1009.1	2-3	150	5-6	23.6	24.8	23.5
13	28°45.6'	089°08.3'	BKN	HZ	6	140	14	1008.8	2-3	150	5-6	23.6	25.0	24.0
14	28°42.1'	089°14.5'	BKN	HZ	6	190	16	1008.0	2-3	150	5-6	22.9	25.0	24.0
15	28°37.4'	089°21.3'	OVC	HZ	6	180	24	1007.3	2-4	150	6-8	23.0	25.5	24.0
16	28°32.7	089°27.0	OVC	HZ	6	180	28	1006.6	3	150	7	24.0	25.2	23.6
17	28°28.2N	089°30.4'W	OVC	HZ	5	180	25	1006.5	3	150	6-8	23.7	25.1	23.4
18	28°24.7N	089°32.1W	OVC	HZ	6	180	25	1007.3	3	150	7	23.4	25.0	23.4
19	28°20.9N	089°35.1W	OVC	RA*LTG	<1	180	25 GUST 35	1009.3	2	150	6	23.6	19.7	19.1
20	28°15.6'N	089°38.3'W	OVC	LTG RA*	6	000	21	1009.9	2	150	6	23.92	19.4	19.0
21	28°11.1'N	089°41.1'W	OVC	LTG/RA	6	020	17	1009.4	2	150	6	25.2	20.1	19.4
22	28°06.9'N	089°43.7'W	OVC	LTG/RA	10	319	7	1010.4	2	150	6	25.7	20.9	19.9
23	28°02.5	089°46.4'W	OVC	LTG/RA	10	335	14	1009.0	2	145	6	25.9	21.5	20.4

SUPERSEDES NOAA Form 77-13D (3-76)

NOAA Form 57-11-13D
(10-12)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) | TIME ZONE -5 | DAY OF WEEK SUNDAY | DATE (dd mmm yyyy) 15 APR 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	27°58.5'	089°48.9'	OVC	RA LTG	8	320	37	1009.6	2	300	6-8	25.9	19.5	18.5
01	28°01.3'	089°50.5	OVC	LTG	8	320	35	1009.3	2	300	6-8	25.9	19.5	18.5
02	28°03.4'	089°51.4	OVC		10	320	36	1009.2	2	300	6-8	25.7	19.5	18.5
03	28°05.8'	089°52.0	OVC		10	330	39	1010.6	2	300	6-8	25.6	19.5	18.5
04	28°07.9N	089°51.9W	OVC		10	320	40	1011.0	2	300	8-12	25.5	16.7	13.4
05	28°10.0 N	089°51.7W	BKN		10	320	33	1011.8	2-3	300	8-10	25.0	16.6	12.6
06	28°11.9'N	089°51.8'W	BKN		10	320	28	1012.8	2-3	300	8-10	24.3	17.2	11.5
07	28°14.7'N	089°53.6'W	FEW		10	300	24	1013.8	2-3	300	8-10	23.9	17.1	11.5
08	28°17.5N	089 57.3W	CLR		10	300	28	1015.2	3	300	8	23.5	17.0	12.2
09	28°16.8'N	090°02.6'W	CLR		10	300	35	1015.1	3	300	8	22.8	17.3	10.3
10	28°14.9 'N	090°09.4'W	CLR		10	300	28	1015.3	3	300	8	23.9	17.2	10.7
11	28°13.5'N	090°16.3'W	FEW		10	300	32	1015.8	3	290	7	24.5	17.1	10.9
12	28°12.0'	090°23.6'	FEW		10	290	33	1016.1	4-6	300	6-8	24.9	16.5	14.5
13	28°11.3'	090°26.7	SCT		10	290	37	1016.0	4-6	300	6-8	25.0	16.5	14.5
14	28°10.6'	090°30.4	FEW		10	310	34	1015.6	4-6	300	6-8	25.0	17.0	14.5
15	28°09.7'	090°34.5'	FEW		10	320	34	1015.0	4-6	300	6-8	25.0	16.5	13.5
16	28°08.9'N	090°39.1'W	FEW		10	310	32	1015.6	5	300	6-8	25.1	16.7	12.6
17	28°09.1 'N	090°43.6'W	CLR		10	315	28	1015.4	5	300	7	24.88	16.8	13.3
18	28°07.3N	090°49.1	CLR		10	310	30	1016.2	5	300	8	24.8	17.7	13.1
19	28°06.7 'N	090°53.7 'W	CLR		10	318	25	1016.0	5	300	8	24.8	17.6	12.7
20	28°01.7'N	090°57.9W	CLR		10	318	17	1018.6	4	300	7	24.8	17.5	13.2
21	27°53.7'N	090°57.9'W	CLR		10	320	17	1019.2	4	300	7	24.9	18.5	13.3
22	27°43.8'N	090°57.9'W	CLR		10	330	18	1020.1	4	300	7	24.8	18.9	13.2
23	27°38.1'N	090°57.9'W	CLR		10	325	17	1020.7	4	300	6	24.6	19.3	14.2

SUPERSEDES NOAA Form 77-13D (3-76)

NOAA Form 57-11-13D
(10-12)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OCEANOS EXPLORER (R-337) | TIME ZONE -5 | DAY OF WEEK MONDAY | DATE (dd mmm yyyy) 16 APR 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	27°27.7'	090°58.0'	CLR		10	320	18	1021.1	~~3~~ 4	300	6	24.5	19.5	15.0
01	27°22.4'	091°02.1'	CLR		10	340	15	1020.9	4	300	6	24.5	20.0	16.2
02	27°16.9'	091°11.8'	CLR		10	330	15	1021.2	4	300	6	24.6	20.0	15.5
03	27°12.8'	091°19.1'	CLR		10	330	18	1020.9	4	300	6	24.0	20.2	16.0
04	27°08.0N	091°27.4W	CLR		10	320	19	1021.0	4	300	6	23.6	20.2	14.0
05	27°03.298N	091°35.9W	CLR		10	330	19	1021.1	3-4	300	6-7	23.8	20.3	14.5
06	27°00.6'N	091°40.5'W	CLR		10	345	17	1021.8	2-3	330	4-5	23.9	20.1	13.6
07	27°00.4N	091°40.2	CLR		10	355	16	1022.6	2-3	340	4-5	23.9	19.9	13.5
08	27°00.4'N	091°40.2W	CLR		10	350	12	1023.4	1-2	330	3-5	23.9	20.0	13.7
09	27°00.5N	091°40.4	CLR		10	359	12	1023.5	1-2	325	4	24.0	19.8	13.1
10	27°00.7'N	091°40.5'W	CLR		10	345	10	1024.3	1-2	320	3	23.9	19.7	14.2
11	27°00.6'N	091°40.9'W	CLR		10	010	10	1024.5	1-2	320	3	23.9	19.5	13.8
12	27°00.6'	091°40.6	CLR		10	020	12	1024.3	1-2	340	3	24.0	19.5	14.8
13	27°00.6'	091°40.7	CLR		10	010	10	1024.0	1-2	340	3	24.0	18.5	15.0
14	27°00.6'	091°40.8'	CLR		10	020	13	1023.0	1-2	340	3	24.1	19.0	14.0
15	27°00.7'N	091°41.0'W	CLR		10	015	9	1021.8	1-2	340	3	24.1	19.76	12.7
16	27°00.9'N	091°41.0'W	CLR		10	000	9	——	1-2	340	3	——	——	——
17	27°01.2N	091°41.5W	CLR		10	000	10	1021.3	1	330	2	24.0	20.0	12.8
18	27°01.3'N	091°52.9'W	CLR		10	025	10	1021.3	1	330	2	23.8	20.2	12.3
19	27°01.0N	092°02.8	CLR		10	064	5	1021.2	1	315	2	23.9	20.4	13.0
20	27°00.6'N	092°14.9'W	CLR		10	110	5	1021.3	1	315	2	23.9	20.0	12.6
21	27°00.3'N	092°24.6W	CLR		10	130	5	1021.7	1	315	2	23.8	20.2	13.2
22	26°59.9'N	092°39.0'W	CLR		10	120	12	1022.0	1	315	2	23.8	20.6	13.8
23	26°57.7'N	092°48.4'W	CLR		10	115	11	1021.9	1	315	2	23.7	20.7	14.1

*1600 AMVERSEAS SECURED.

SUPERSEDES NOAA Form 77-13D (3-76)

NOAA Form 57-11-13D
(10-12)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OCEANOS EXPLORER (R-337) | TIME ZONE -5 | DAY OF WEEK TUESDAY | DATE (dd mmm yyyy) 17 APR 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	26°59.5'	092°57.4'	CLR		10	120	12	1021.4	1	320	2	23.2	21.0	16.0
01	26°59.1'	093°10.6'	CLR		10	120	12	1020.7	1	320	2	23.6	21.2	15.5
02	26°58.8'	093°21.3'	CLR		10	130	10	1019.8	1	320	2	23.6	21.5	16.0
03	26°58.5'	093°32.1	CLR		10	120	12	1019.1	1	320	2	23.7	21.5	16.5
04	26°59.6 N	093°43.9 W	CLR		10	145	12	1018.3	1	320	2	23.9	21.5	16.5
05	27°01.1N	093°53.9W	CLR		10	134	12	1017.9	1	320	2	24.0	21.6	17.0
06	27°00.7N	093°54.5W	CLR		10	170	15	1017.7	1	175	2	24.1	22.5	17.8
07	27°00.9N	093°54.6W	CLR		10	170	15	1017.7	1	170	2	24.1	21.8	17.2
08	27°00.9'N	093°54.8'W	CLR		10	170	19	1017.7	1-2	170	2-3	24.1	21.9	17.2
09	27°00.6'N	093°54.6'W	CLR		10	170	19	1018.1	1-2	165	2-3	24.1	22.1	17.5
10	27°00.7N	093°54.7	CLR		10	170	18	1018.1	1	190	2	24.1	22.2	18.0
11	27°00.6'N	093°54.8'W	CLR		10	160	20	1018.2	1	175	2-3	24.1	22.3	17.6
12	27°00.6'	093°54.9'	FEW		10	170	21	1018.0	2	160	2-4	24.2	22.8	18.8
13	OPS													
14	27°00.3'	093°55.0	SCT		10	190	20	1017.2	2-3	170	3-5	24.3	~~24.3~~ 23.0	20.0
15	27°00.3'	093°55.0	SCT		10	190	17	1016.8	2-3	170	3-5	24.3	23.3	19.7
16	27°00.3'N	093°55.0	SCT		10	175	18	1015.8	2-3	170	3-5	24.3	22.9	18.8
17	27°00.2N	093°54.8	FEW		10	175	16	1015.2	2	170	3-4	24.4	23.0	19.7
18	26°55.1'N	094°01.6'W	FEW		10	170	17	1014.5	2	170	3-4	24.3	23.3	18.9
19	26°48.9'N	094°02.4'W	FEW		10	170	18	1014.1	2	170	3-4	24.2	23.2	19.5
20	26°41.7'N	094°15.6'W	FEW		10	170	19	1013.6	2	170	3-4	24.5	23.0	19.1
21	26°35.7'N	094°21.8'W	FEW		10	170	19	1014.1	2	170	3-4	23.9	23.0	19.1
22	26°28.6'N	094°28.6'W	FEW		10	150	21	1014.1	2	170	3-4	23.2	22.9	19.3
23	26°22.6'N	094°34.1'W	FEW		10	165	20	1014.0	2	170	3-4	23.1	23.0	19.2

SUPERSEDES NOAA Form 77-13D (3-76)

NOAA Form 57-11-13D
(10-12)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) | TIME ZONE: -5 | DAY OF WEEK: WEDNESDAY | DATE (dd mmm yyyy): 18 APR 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	26°17.9'	094°38.9'	FEW		10	170	21	1013.7	2	170	3-5	23.1	23.5	20.0
01	26°11.6'	094°45.2'	FEW		10	170	20	1013.4	2	170	3-5	23.2	23.5	20.0
02	26°05.2'	094°52.2	SCT		10	130	12	1013.1	2-3	170	3-5	23.2	23.2	20.0
03	26°11.2'	094°48.9	SCT		10	160	16	1012.4	2-3	170	3-5	23.2	23.0	20.5
04	26°10.8N	094°53.0W	SCT		10	171	20	1011.9	2-3	170	5-6	23.2	22.8	19.4
05	26°08.3N	094°54.2W	SCT		10	180	20	1011.9	2-3	170	5-6	23.2	22.7	19.7
06	26°08.8'N	094°51.9'W	SCT		10	170	23	1012.1	2-3	170	5-6	23.1	22.7	19.2
07	26°08.6'N	094°51.9'W	SCT		10	170	21	1012.4	2-3	175	5-6	23.1	22.8	19.5
08	26°08.5'N	094°52.0'W	SCT		10	160	19	1013.0	2-3	175	4-6	23.1	22.9	19.5
09	26°08.7N	094°52.0W	FEW		10	170	20	1013.7	3	175	5	23.1	23.0	19.9
10	26°08.7'N	094°51.9'W	FEW		10	170	18	1014.1	3	170	5	23.2	23.1	20.2
11	26°08.7'N	094°52.0'W	FEW		10	160	19	1014.3	2-3	175	5	23.1	23.3	20.5
12	26°08.8'	094°52.0	FEW		10	170	21	1013.8	2-3	140	4-6	23.1	23.7	21.5
13	26°08.8'	094°51.9'	FEW		10	170	18	1014.2	2-3	140	4-6	23.3	23.8	21.5
14	26°08.9'	094°51.9'	FEW		10	170	14	1014.0	2-3	140	3-5	23.4	24.0	21.8
15	26°09.0'	094°51.9	FEW		10	160	11	1014.2	2	150	3-5	23.5	24.0	21.8
16	26°08.9	094°51.9	CLR		10	130	9	1014.0	2	155	4	23.5	24.0	22.5
17	26°08.5	094°50.7	CLR		10	050	5	1014.8	2	150	4	23.5	24.7	22.1
18	26°10.4	094°47.8	CLR		10	062	5	1015.0	2	150	4	23.6	24.0	22.1
19	26°15.5'N	094°37.6'W	CLR		10	075	7	1015.2	1-2	150	3-4	23.5	23.8	22.3
20	26°20.7'N	094°26.3'W	FEW		10	115	12	1015.2	1-2	140	3-4	23.5	23.6	21.7
21	26°25.3'N	094°16.3'W	FEW		10	115	12	1015.8	1-2	140	3-4	24.6	23.6	21.6
22	26°30.2'N	094°05.7'W	FEW		10	125	12	1016.5	1-2	140	3-4	24.5	23.6	21.5
23	26°33.9'N	093°57.1'W	FEW		10	130	13	1016.5	1-2	140	3-4	23.9	23.4	21.6

SUPERSEDES NOAA Form 77-13D (3-76)

NOAA Form 57-11-13D
(10-12)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) | TIME ZONE -5 | DAY OF WEEK THURSDAY | DATE (dd mmm yyyy) 19 APR 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	26°36.9'	093°51.2'	FEW		10	150	13	1016.6 ~~1014.8~~	1-2	140	3-4	24.2	23.8	21.9
01	26°41.6'	093°40.9'	FEW		10	130	8	1016.9	1-2	140	3-4	24.2	23.7	21.5
02	26°45.8'	093°31.8'	FEW		10	130	9	1016.5	1-2	140	3-4	24.2	23.5	21.8
03	26°50.0'	093°22.7'	CLR		10	120	7	1016.5	1-2	140	3-4	23.9	23.3	21.5
04	26°54.4N	093°13.2W	CLR		10	130	4	1016.9	1-2	140	3-4	23.7	23.0	20.3
05	26°58.3N	093°04.7W	~~SCT~~ CLR		10	344	4	1017.7	1-2	140	3-4	23.5	22.9	20.2
06	27°02.2	092°56.1	SCT		10	327	4	1018.2	1	100	3	23.8	23.0	19.9
07	27°03.9'N	092°52.2'W	SCT		10	340	8	1019.2	<1	110	1-2	23.9	22.8	20.1
08	27°05.6'N	092°49.2'W	FEW		10	350	9	1020.2	<1	110	1-2	23.8	23.1	19.9
09	27°05.6	092°49.1	CLR		10	009	7	1020.3	<1	180	1-2	23.8	23.2	19.8
10	27°05.8	092°49.2	CLR		10	357	8	1020.6	<1	180	1-2	23.8	23.1	19.7
11	27°05.7'N	092°49.2'W	CLR		10	000	6	1021.2	<1	180	1-2	23.8	23.5	19.7
12	27°05.7'	092°49.3'	FEW		10	010	9	1021.1	<1	180	1-2	24.0	24.0	20.5
13	27°05.7'	092°49.3'	FEW		10	010	9	1020.8	<1	150	1-2	24.1	24.0	21.3
14	27°05.6'	092°49.3'	SCT		10	010	9	1020.2	<1	140	1-2	24.2	23.5	21.5
15	27°05.6'	092°49.3'	SCT		10	030	13	1020.0	<1	140	1-2	24.2	23.8	21.8
16	27 05.5	092 49.4	FEW		10	041	13	1019.4	<1	045	1-2	24.2	22.5	20.5
17	27 05.7	092 49.4	CLR		10	021	14	1019.4	<1	010	2	24.1	22.4	19.7
18	27°00.2'N	092°41.7'W	FEW		10	005	14	1019.2	1	010	2	24.3	22.4	19.7
19	26°54.3'N	092°32.1W	FEW		10	006	15	1019.1	1	000	2-3	24.2	22.3	19.9
20	26°51.2'N	092°27.2'W	FEW		10	015	12	1019.2	1	000	2-3	24.2	22.3	20.1
21	26°41.8'N	092°12.2'W	FEW		10	011	12	1019.3	1	000	2-3	24.2	22.4	20.3
22	26°35.9'N	092°02.6'W	FEW		10	001	13	1019.6	1	000	2-3	23.6	22.6	20.4
23	26°29.1'N	091°51.5W	FEW		10	009	13	1019.6	1	000	2	23.7	22.7	20.3

SUPERSEDES NOAA Form 77-13D (3-76)

NOAA Form 57-11-13D
(10-12)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OCEANOS EXPLORER (R-337) | TIME ZONE: -5 | DAY OF WEEK: FRIDAY | DATE (dd mmm yyyy): 20 APR 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	26°25.9'	091°45.2'	FEW		16	000	12	1019.2	1	000	2	23.9	23.0	21.0
01	26°25.2'	091°39.9'	FEW		10	020	14	1018.6	1	000	2	23.9	23.0	21.5
02	26°30.3'	091°49.6'	FEW		10	030	14	1018.3	1	000	2	23.6	22.5	21.3
03	26°30.0'	091°44.7'	FEW		10	010	14	1018.5	1	000	2	23.8	22.7	20.5
04	26°31.3 N	091°43.1W	FEW		10	030	15	1017.8	1	000	2	23.9	22.3	19.5
05	26°32.7N	091°47.4 W	SCT		10	020	13	1018.5	1	000	2-3	23.8	22.4	19.1
06	26°28.1N	091°43.8W	SCT		10	065	7	1018.6	1	000	2-3	23.7	22.5	19.4
07	26°28.1N	091°43.9W	SCT		10	055	11	1018.6	1	020	2-3	23.7	22.3	19.6
08	26°28.1'N	091°43.8'W	SCT		10	050	12	1019.2	1	030	2-3	23.7	23.1	19.9
09	26°28.3N	091°43.7W	OVC		10	074	14	1019.7	1	040	2	23.7	24	19.5
10	26°28.3'N	091°43.7'W	OVC		10	075	12	1019.9	1	040	2	23.7	23.4	19.9
11	26°28.2'N	~~091°~~ 43.5W	OVC		10	068	15	1020.2	1	045	2	23.7	23.2	19.8
12	26°28.3'	091°43.5'	SCT		10	100	16	1019.7	1-2	040	2-4	23.8	23.5	21.5
13	26°28.4'	091°43.4	BKN		10	080	12	1020.3	1-2	040	2-4	23.8	23.5	21.5
14	26°28.5'	091°43.3	BKN		10	080	12	1019.6	1-2	040	2-4	23.8	23.5	21.5
15	26°28.5'	091°43.3	BKN		10	080	11	1019.2	1-2	040	2-4	23.9	23.5	21.5
16	26°28.6'N	091°43.2'W	BKN		10	095	15	1017.5	1-2	040	2-4	23.9	23.3	20.3
17	26°29.3'N	091°42.2'W	BKN		10	095	15	1017.5	1-2	040	3-4	23.9	23.3	20.1
18	26°34.4'N	091°35.5'W	BKN		10	100	16	1017.4	1-2	040	3-4	23.8	23.1	20.5
19	26°40.3'N	091°27.7'W	SCT		10	100	17	1017.2	1-2	040	3-4	23.8	23.1	20.1
20	26°47.9'N	091°17.6'W	SCT		10	100	16	1017.8	1-2	040	3-4	23.6	23.0	20.3
21	26°53.9'N	091°09.8'W	SCT		10	100	15	1018.4	1-2	040	3-4	24.2	22.8	19.8
22	26°59.2'N	091°02.9'W	SCT		10	100	13	1018.4	1-2	040	3-4	25.2	22.8	19.6
23	27°06.1'N	090°53.9'W	SCT		10	080	14	1018.4	1-2	040	3-4	25.1	22.6	19.4

SUPERSEDES NOAA Form 77-13D (3-76)

NOAA Form 57-11-13D
(10-12)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OCEANOS EXPLORER (R-337) | TIME ZONE -5 | DAY OF WEEK SATURDAY | DATE (dd mmm yyyy) 21 APR 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	27°11.3'	090°47.0'	SCT		10	090	13	1018.2	1-2	040	3-4	24.9	22.5	20.8
01	27°17.8'	090°38.4'	SCT		10	100	16	1018.0	1-2	040	3-4	25.0	22.0	20.2
02	27°22.9'	090°27.9'	SCT		10	090	16	1017.2	1-2	040	3-4	24.6	21.8	20.0
03	27°28.3'	090°19.2'	FEW		10	100	13	1017.1	1-2	040	3-4	24.7	21.8	19.8
04	27°33.7 N	090°10.9 W	SCT		10	105	16	1016.7	1-2	040	3-4	25.0	21.9	17.9
05	27°39.4N	090°02.2W	SCT		10	125	14	1016.3	1-2	040	3-4	24.7	21.9	17.9
06	27°44.9'N	089°53.4'W	BKN		10	130	16	1015.7	1-2	080	2-3	24.7	22.0	18.6
07	27°50.4'N	089°45.4'W	FEW		10	120	21	1015.4	1-2	080	2-4	24.5	22.0	18.2
08	27°56.3N	089°37.9	FEW		10	123	21	1015.8	2	100	4	24.3	22.0	18.6
09	28°02.4'N	089°30.2'W	BKN		10	115	15	1017.5	1-2	100	3	23.0	21.9	18.7
10	28°08.4'N	089°22.3'W	BKN		10	125	13	1018.1	1	070	1-2	22.1	22.3	19.0
11	28°15.3'N	089°13.5'W	BKN		10	130	14	1018.3	1	090	1-2	23.2	23.1	20.0
12	28°19.9'	089°06.8	SCT		10	140	15	1018.0	1	090	1-2	23.1	22.5	20.8
13	OPS	—								~~090~~			~~23.3~~	~~21.0~~ 51
14	28°25.3'	088°57.9'	BKN		10	120	21	1016.8	2	090	2-4	23.3	23.3	21.0
15	28°31.2'	088°51.0'	BKN		10	120	19	1016.8	2	100	2-4	23.7	23.0	21.5
16	28°42.9'N	088°36.9'W	SCT		10	120	15	1016.7	2	110	2-4	23.3	22.8	20.2
17	28°48.6N	088°30.7'W	BKN		10	110	16	1016.7	1-2	110	3-4	23.2	22.7	20.3
18	28°53.9'N	088°23.8'W	OVC		10	105	17	1016.5	1-2	110	3-4	22.7	22.2	20.2
19	28°59.3'N	088°16.8'W	BKN		10	115	16	1016.9	1-2	110	3-4	21.9	21.7	20.2
20	29°06.1'N	088°07.9'W	BKN		10	110	13	1017.1	1-2	110	3-4	21.7	~~22.5~~ 21.5	20.4 21
21	29°12.6'N	087°59.4'W	BKN		10	115	15	1016.9	1-2	110	3-4	21.8	21.3	20.0
22	29°16.2'N	087°54.8'W	BKN		10	125	16	1016.4	1-2	110	3-4	21.7	21.4	20.1
23	29°21.6'N	087°49.4'W	BKN		10	115	18	1016.2	1-2	110	3-4	—	21.4	20.3

SUPERSEDES NOAA Form 77-13D (3-76)

NOAA Form 57-11-13D
(10-12)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OCEANOS EXPLORER (R-337) | TIME ZONE -5 | DAY OF WEEK SUNDAY | DATE (dd mmm yyyy) 22 APR 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	29°28.1'	087°49.8'	SCT		10	120	15	1016.5	1-2	110	3-4	—	21.5	20.0
01	29°36.3'	087°56.7'	BKN		10	130	13	1015.7	1-2	110	3-4	—	21.5	21.3
02	29°42.8'	088°03.6'	SCT		10	120	8	1015.7	1-2	110	3-4	—	21.5	20.8
03	29°49.6'	088°10.9'	BKN		10	130	7	1015.4	1-2	110	2-4	—	21.5	21.5
04	29°55.8 N	088°17.6W	BKN		10	105	8	1015.2	1-2	110	2-4	—	21.0	20.4
05	30°01.8 N	088°23.3W	BKN		10	120	10	1014.4	1-2	110	2-4	—	21.0	20.4
06	30°07.1	088°28.9	OVC	HZ	8	180	8	1014.0	1	180	2	—	20.9	20.3
07	30°09.6'N	088°31.3	OVC											
08	30°10.1' N	088°32.2'W	OVC	HZ	7	135	9	1014.8	1	180	2	—	21.0	20.4
09	30°10.2'N	088°31.9'W	OVC	HZ RA	7	135	22	1012.7	1-2	180	2-3	—	20.9	20.0
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														

NFE

0700 M/V/C/S

1000 M/V/C/S STARTING INBOUND

SUPERSEDES NOAA Form 77-13D (3-76)

NOAA Form 57-11-13D
(10-12)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OCEANOS EXPLORER (R-337) | TIME ZONE -5 | DAY OF WEEK WEDNESDAY | DATE (dd mmm yyyy) 23 APR 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	29°01.4'	087°33.9'	SCT		10	290	17	1014.9	1-2	240	2-3	22.5	21.8	20.5
01	28°51.0'	087°30.1	SCT		10	360	13	1014.9	1-2	240	2-3	22.5	21.5	20.0
02	28°41.2'	087°26.6'	BKN		10	010	14	1014.5	1-2	240	2-3	22.1	21.5	18.7
03	28°32.1'	087°25.3'	BKN		10	010	13	1014.2	1-2	240	2-3	22.1	21.5	18.5
04	28°21.3N	087°19.4 W	BKN		10	010	12	1014.8	1-2	240	2-3	23.6	21.7	17.3
05	28°17.3 N	087°12.8W	BKN		10	020	15	1014.1	1-2	240	2-3	23.3	21.6	17.3
06	28°17.1N	087°13.3W	FEW		10	352	10	1014.7	1-2	270	2-3	23.3	21.5	17.4
07	28°16.8	087 13.4	CLR		10	013	10	1015.4	1-2	320	2-3	23.3	21.4	16.8
08	28°16.8	087 13.4	CLR		10	326	11	1015.4	1-2	350	2-3	23.3	21.4	16.8
09	28°17.0	087°13.4	CLR		10	340	11	1015.8	1-2	330	2-3	23.3	21.4	16.5
10	28°17.0	087 13.4	CLR		10	337	10	1015.8	1-2	330	2-3	23.3	21.3	16.8
11	28°17.0'N	087°13.4'W	CLR		10	330	11	1015.7	1-2	300	2	23.3	21.2	16.6
12	28°17.1'	087°13.5'	FEW		10	330	8	1015.4	1-2	310	2	23.4	21.5	17.8
13														
14	28°17.2'N	087°13.5'W	FEW		10	335	8	1014.5	1-2	310	2	23.6	21.0	17.0
15	28°17.2'	087°13.5	FEW		10	330	7	1013.7	1-2	310	2	23.7	22.0	18.0
16	28°17.4	087°13.5	CLR		10	327	9	1013.4	1-2	310	2	23.7	20.8	17.8
17	28°18.5'N	087°13.9'W	FEW		10	300	9	1013.1	1-2	310	2	23.7	20.95	17.2
18	28°17.3'N	087°10.8'W	FEW		10	300	11	1012.9	1-2	310	2	23.7	20.93	17.0
19	28°22.9'N	087°04.5'W	CLR		10	325	10	1012.9	1-2	310	2-3	23.8	20.8	17.0
20	28°19.5'N	086°54.3'W	CLR		10	325	10	1013.0	1-2	310	2	23.7	20.7	16.9
21	28°14.8'N	086°39.7'W	CLR		10	315	7	013.3	1-2	310	2	23.7	20.9	17.0
22	28°12.6'N	086°32.9'W	CLR		10	310	6	1013.3	1-2	310	2	23.6	20.9	17.1
23	28°06.3'N	086°28.0'W	CLR		10	290	6	1013.5	1-2	310	2	23.7	21.0	17.1

1300 DRILLS

SUPERSEDES NOAA Form 77-13D (3-76)

NOAA Form 57-11-13D
(10-12)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R.337) | TIME ZONE -5 | DAY OF WEEK TUESDAY | DATE (dd mmm yyyy) 24 APR 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														
01														
02														
03														
04														
05														
06														
07														
08														
09														
10														
11														
12														
13														
14														
15	30°16.6'N	088°30.7'W	CLR		10	245	18	1011.6	1-2	250	2-3	—	21.2	17.9
16	30°08.0N	088°28.9	CLR		10	260	18	1012.0	1-2	240	3	—	22.0	18.7
17	29°59.7'N	088°22.4'W	CLR		10	260	16	1011.99	1-2	240	3	21.3	22.1	18.6
18	29°52.1'N	088°14.9'W	SCT		10	255	15	1012.1	1-2	240	2-3	21.7	21.7	18.6
19	29°44.6'N	088°06.9'W	SCT		10	255	16	1012.6	1-2	240	2-3	21.4	21.5	18.3
20	29°36.9'N	087°58.8'W	SCT		10	270	15	1013.2	1-2	240	2-3	21.3	21.4	18.6
21	29°28.2'N	087°49.5'W	SCT		10	270	15	1014.1	1-2	240	2-3	21.3	21.3	18.6
22	29°21.2'N	087°42.0'W	SCT		10	270	16	1014.6	1-2	240	2-3	21.5	21.2	19.0
23	29°10.8'N	087°37.3'W	SCT		10	285	17	1014.6	1-2	240	2-3	21.6	21.3	18.8

0000 - 1400 IN PORT

1500 - 1600 SCS WAS SECURED; AT 1700 SCS WAS ENERGIZED.

SUPERSEDES NOAA Form 77-13D (3-76)

NOAA Form 57-11-13D
(10-12)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R337) | TIME ZONE -5 | DAY OF WEEK THURSDAY | DATE (dd mmm yyyy) 26 APR2018

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	28°14.0'	086°31.1'	CLR		10	270	7	1013.1	1-2	310	2	23.5	21.5	18.0
01	28°16.5'	086°38.8'	CLR		10	270	7	1012.6	1-2	310	2	23.6	21.5	18.2
02	28°18.4'	086°46.0'	CLR		10	260	7	1012.0	1-2	310	2	23.7	21.5	18.5
03	28°10.3'	086°42.7'	CLR		10	260	10	1011.5	1-2	310	2	23.5	21.5	19.0
04	28°06.1 N	086°38.2W	CLR		10	220	10	1011.1	1-2	310	2	23.3	21.2	17.4
05	28°06.6 N	086°37.6W	FEW		10	250	8	1011.4	1-2	310	2-3	23.3	21.3	17.6
06	28°07.6'N	086°39.6'W	FEW		10	225	5	1011.4	<1	310	1	23.3	21.3	19.9
07	28°07.4'N	086°39.9'W	CLR		10	235	4	1011.99	<1	310	1	23.3	21.1	17.7
08	28°07.6'N	086°39.2'W	CLR		10	205	4	1012.2	<1	310	1	23.4	23.8	18.6
09	28°07.4N	086°39.8W	CLR		10	196	5	1012.6	<1	290	1	23.4	21.7	17.7
10	28°07.3'N	086°39.5'W	CLR		10	240	7	1012.7	<1	265	1	23.4	21.8	17.7
11	28°07.3'N	086°39.5W	CLR		10	226	7	1013.0	<1	265	1	23.4	21.9	17.7
12	28°07.5'	086°39.5	SCT		10	270	13	1012.8	<1	260	1	23.5	24.0	20.0
13	28°07.5'	086°39.4'	SCT		10	280	11	1012.3	<1	260	1	23.6	24.0	20.0
14	28°07.5'	086°39.4'	SCT		10	250	10	1011.9	<1	260	1-2	23.6	23.5	20.2
15	28°07.5'	086°39.4'	SCT		10	280	11	1011.2	1	260	2	23.6	23.2	20.0
16	28°07.5	086°39.5	SCT		10	270	10	~~1008.1~~ 1010.9	1	270	2	23.8	23.2	19.8
17	28°06.9'N	086°40.6'W	FEW		10	275	10	1010.3	1	270	2	23.8	23.7	19.7
18	28°07.2	086°36.9	FEW		10	255	13	1010.3	1	280	2	24.4	23.4	19.5
19	27°54.7'N	086°30.6'W	FEW		10	250	9.5	1010.6	1	280	2	24.4	23.2	20.0
20	27°50.7'N	086°17.9'W	FEW		10	250	10	1010.8	1	280	2	25.4	23.1	19.7
21	27°47.5'N	086°08.6'W	FEW		10	245	10	1011.2	1	280	2	~~24.7~~ 23.2	23.2	18.5
22	27°38.5'N	086°00.5'W	FEW		10	240	10	1011.8	1	280	2	24.5	23.1	19.8
23	27°35.6'N	085°56.2W	FEW		10	215	10	1012.1	1	280	2	24.6	22.9	19.7

SUPERSEDES NOAA Form 77-13D (3-76)

NOAA Form 57-11-13D
(10-12)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) | TIME ZONE -5 | DAY OF WEEK FRIDAY | DATE (dd mmm yyyy) 27 APR 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	27°23.8'	086°00.8	SCT		10	210	13	1011.5	1	260	2	24.3	23.2	20.5
01	27°50.1'	086°06.0'	SCT		10	220	12	1010.5	1	260	2	25.1	23.5	20.8
02	27°47.0'	085°56.9'	FEW		10	230	13	1010.2	1	260	2	24.2	23.0	21.0
03	27°42.4'	085°46.3'	SCT		10	240	15	1009.7	1	260	2	25.3	23.2	21.0
04	27°40.7N	085°43.1W	BKN		10	220	13	1009.8	1	260	2	25.2	23.1	20.2
05	27°42.6N	085°42.9W	BKN	RA	10	300	10	1010.2	1-2	260	2-3	25.3	22.5	20.3
06	27°42.1	085°44.4	BKN		10	343	14	1010.3	2	300	4	25.2	22.5	19.2
07	27°42.5N	085°44.9W	BKN		10	320	12	1011.4	2	300	4	25.2	22.3	18.9
08	27°42.1	085°44.4	BKN		10	324	13	1011.7	2	310	4	25.2	22.5	18.5
09	27°42.5	085°44.9	BKN		10	325	13	1012.0	2	310	4	25.2	22.3	25.2
10	27°42.5'N	085°44.8'W	BKN		10	345	12	1012.9	2	315	4	25.2	21.9	18.5
11	27°42.5'N	085°44.8'W	BKN		10	339	14	1013.06	3	325	5	25.2	21.9	18.3
12	27°42.6'	085°44.8	SCT		10	320	12	1012.8	3	330	5	25.3	22.0	18.5
13	27°42.7'	085°44.8'	SCT		10	330	11	1012.6	2	340	4	25.3	21.8	18.5
14	27°42.8'	085°44.8'	SCT		10	320	10	1012.6	2	340	4	25.3	22.0	18.5
15	27°42.8'	085°44.8'	SCT		10	330	11	1012.0	2	340	4	25.3	22.0	18.3
16	27°43.0	085°44.8	SCT		10	310	12	1010.98	2	350	4	23.3	21.5	17.1
17	27°42.9'N	085°44.8'W	SCT		10	315	10	1011.3	2	350	4	25.3	21.6	16.9
18	27°42.9	085°44.8	SCT		10	315	14	1012.2	2	350	4	25.3	21.6	16.6
19	27°43.9	085°45.3	SCT		10	302	13	1011.4	2	325	4	25.4	21.0	15.8
20	27°44.3'N	085°46.2'W	SCT		10	330	15	1011.7	2	325	4	25.3	21.0	16.4
21	27°36.8'N	085°40.1'W	SCT		10	315	11	1012.5	2	325	4	25.1	21.2	16.4
22	27°25.0'N	085°31.9'W	SCT		10	340	13	1013.3	2	225	4	24.8	21.3	17.1
23	27°22.0'N	085°29.7'W	SCT		10	330	10	1013.3	2	325	4	24.4	21.4	16.9

SUPERSEDES NOAA Form 77-13D (3-76)

NOAA Form 57-11-13D
(10-12)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) | TIME ZONE -5 | DAY OF WEEK SATURDAY | DATE (dd mmm yyyy) 28 APR 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	27°14.5'	085°24.2'	SCT		10	320	11	1013.3	2	270	4	24.5	21.0	18.0
01	27°04.4'	085°16.7'	FEW		10	340	12	1013.0	2	270	4	24.7	21.0	18.0
02	26°55.9'	085°10.9'	FEW		10	320	12	1012.9	2	270	4	24.9	21.3	17.5
03	26°45.7'	085°03.1'	FEW		10	320	12	1012.6	2	310	3	27.0	21.5	18.0
04	26°36.8N	084°56.6W	SCT		10	345	13	1012.6	2	310	3	26.9	21.9	16.7
05	26°26.8N	084°49.3W	SCT		10	340	11	1012.8	2	310	2-3	27.0	22.2	16.7
06	26°22.5N	084°46.2W	SCT		10	330	12	1013.2	1-2	320	2-3	27.0	22.4	17.1
07	26°23.1 N	084°46.7W	SCT		10	350	12	1013.7	1-2	340	2-3	27.0	22.1	17.2
08	26°23.0	084 46.7	FEW		10	355	11	1014.5	1-2	340	2-3	27.0	22.4	16.6
09	26°22.6	084 46.4	FEW		10	335	12	1014.9	1-2	340	2-3	27.0	22.6	17.4
10	26°22.6	084 46.4	FEW		10	010	13	1015.0	1-2	345	3	27.0	22.7	17.2
11	26°22.6'N	084°46.4'W	SCT		10	035	12	1015.3	1-2	340	2-3	26.9	23.1	17.7
12	26°22.7'	084°46.3'	SCT		10	350	7	1015.5	1-2	340	2-3	27.0	23.0	18.8
13	26°22.7'	084°46.2'	SCT		10	010	13	1015.4	1-2	340	2-3	26.9	23.0	18.5
14	OPS													
15	26°22.7'	084°46.0	SCT		10	020	12	1014.4	1-2	020	2-3	26.9	23.3	18.8
16	26°22.7	084 46.0	SCT		10	000	12	1014	2	020	3	26.9	23.2	17.8
17	26°22.5	084 45.9	SCT		10	020	13	1014.1	2	010	3	26.8	23.2	18.2
18	26°21.7	084 45.5	SCT		10	020	14	1014.1	1-2	010	2-3	26.8	22.9	17.3
19	26°21.1'N	084°45.2'W	SCT		10	010	13	1014.2	1-2	010	2-3	26.8	22.9	18.0
20	26°28.4'N	084°42.6'W	SCT		10	000	14	1014.7	1-2	010	2-3	26.9	22.7	17.7
21	26°29.1'N	084°39.8'W	SCT		10	344	11	1015.6	1	020	2	27	22.7	16.8
22	26°30.1'N	084°39.4'W	SCT		10	350	7	1016.4	1	020	2	26.9	22.7	16.2
23	26°07.8'N	084°37.0'W	SCT		10	015	10	1016.7	1	020	2	26.8	22.9	17.5

SUPERSEDES NOAA Form 77-13D (3-76)

NOAA Form 57-11-13D
(10-12)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) | TIME ZONE -5 | DAY OF WEEK SUNDAY | DATE (dd mmm yyyy) 29 APR 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	26°00.5'	084°36.8'	FEW		10	340	9	1016.6	1	020	2	26.9	22.8	18.0
01	25°48.7'	084°32.3'	SCT		10	~~360~~ 000	10	1016.2	1	020	2	26.5	23.2	18.5
02	25°36.4'	084°28.8'	SCT		10	~~360~~ 000	10	1015.8	1	020	2	26.0	22.5	18.5
03	25°30.8'	084°27.2'	SCT		10	000	10	1015.8	1	020	2	26.0	22.5	18.0
04	25°28.5N	084°25.8W	SCT		10	355	10	1015.3	1	020	2	25.2	22.6	17.7
05	25°35.6N	084°31.2W	SCT		10	030	12	1015.8	1	020	2	25.7	22.7	16.9
06	25°36.6	084°33.0	SCT		10	000	10	1016.1	1	350	2	26.3	22.8	16.7
07	25°36.8N	084°32.8W	SCT		10	060	10	1016.9	1	350	2	26.1	22.8	17.4
08	25°36.8N	084°32.9	FEW		10	060	10	1018.0	1	350	2	26.4	22.9	18.0
09	25°36.2N	084° 33.1	FEW		10	050	9	1018.1	1	000	2	26.6	23.1	17.7
10	25°36.3'N	084°33.0'W	FEW		10	050	10	1018.6	<1	000	2	—	23.2	17.9
11	25°36.3'N	084°32.9W	FEW		10	059	8.5	1018.9	<1	010	1	—	23.2	17.8
12	25°36.4'	084°33.0	FEW		10	030	10	1018.6	1	010	2	—	23.5	19.0
13	25°36.5'	084°33.0'	FEW		10	040	11	1018.1	1	020	2	—	23.8	19.5
14	25°36.5'	084°33.0'	FEW		10	020	10	1017.8	1	020	2	—	24.8	19.8
15	25°36.5'	084°33.0'	FEW		10	010	9	1017.5	1	010	2	—	24.0	19.0
16	25°36.5'N	084°32.9'W	FEW		10	030	9.5	1016.9	1	010	2	—	23.6	18.0
17	25°35.6'N	084°33.2'W	FEW		10	010	7	1016.4	1	010	2	—	23.6	18.8
18	25°33.3'N	084°34.8'W	FEW		10	020	11	1016.5	1	010	2	—	24.6	18.6
19	25°20.9N	084°41.6W	CLR		10	005	12	1016.9	1	010	2	—	23.7	18.2
20	25°08.5'N	084°48.3W	CLR		10	030	11	1016.8	1	010	2	—	23.6	18.5
21	25°00.6'N	084°52.7W	CLR		10	025	8	1017.2	1	010	2	—	23.7	18.0
22	24°55.9'N	084°46.8'W	CLR		10	010	9	1017.3	1	010	2	-	23.6	18.7
23	24°59.5'N	084°41.7W	CLR		10	040	12	1017.4	1	010	2	-	23.4	18.3

1000 SCS SECURED

SUPERSEDES NOAA Form 77-13D (3-76)

NOAA Form 57-11-13D
(10-12)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) | TIME ZONE -5 | DAY OF WEEK MONDAY | DATE (dd mmm yyyy) 30 APR 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	24°57.7'	084°45.6'	CLR		10	040	14	1017.1	1	010	2	—	24.0	26.0
01	24°58.4'	084°44.4'	CLR		10	030	11	1016.9	1	010	2	—	23.8	19.8
02	24°57.4'	084°37.1'	CLR		10	060	10	1016.4	1	010	2	—	23.5	20.0
03	24°57.4'	084°31.1	SCT		10	050	13	1016.3	1	010	2	—	23.0	20.5
04	24°54.3N	084°31.1W	SCT		10	060	11	1016.2	1	010	2	—	23.2	19.7
05	24°52.5N	084°28.7W	SCT		10	080	13	1016.6	1	010	2	—	23.6	20.0
06	24°55.5'N	084°29.2'W	SCT		10	080	12	1016.9	1	010	2	—	23.6	19.7
07	24°54.9'N	084°29.5'W	SCT		10	055	12	1017.7	1	010	2-3	—	24.3	20.1
08	24°54.8	084°29.6	FEW		10	060	8	1018.6	1	010	2	—	24.4	20.6
09	24°55.1	084°29.4	FEW		10	040	10	1018.7	1	350	2	—	24.5	20.4
10	24°55.0'N	084°29.3'W	FEW		10	060	9	1019.1	1	350	2	—	24.6	20.7
11	24°55.0'N	084°29.3'W	FEW		10	075	10	1019.0	1	350	2	—	24.8	20.5
12	24°55.0'	084°29.4'	FEW		10	070	13	1018.9	1	350	2	—	25.0	21.8
13	24°54.9'	084°29.5'	FEW		10	100	12	1018.5	2	020	2-4	—	25.8	22.0
14	24°54.9'	084°29.6'	FEW		10	110	11	1018.0	2	030	2-4	—	25.5	22.0
15	24°54.9'	084°29.6'	FEW		10	100	11	1017.5	2	030	2-4	—	25.2	22.5
16	24°54.8'N	084°29.4'W	FEW		10	110	9	1017.4	1-2	030	3	—	24.8	21.2
17	24°54.9'N	084°29.6'W	FEW		10	120	9	1016.9	2	030	2-4	—	24.8	21.4
18	24°54.0	084°29.9	SCT		10	115	10	1017.1	2	020	3	—	24.9	21.6
19	24°55.2'N	084°29.6'W	SCT		10	100	11	1016.9	2	020	3	—	24.7	22.4
20	24°50.4'N	084°41.0'W	SCT		10	080	11	1017.5	2	020	3	—	24.5	22.4
21	24°46.2'N	084°48.5'W	SCT		10	100	12	1017.1	2	020	3	—	24.7	22.6
22	24°43.2'N	084°41.5'W	SCT		10	110	16	1017.3	2	020	3	—	25.5	22.0
23	24°39.4'N	084°40.1'W	SCT		10	110	13	1017.7	2	020	3	—	25.9	22.3

SUPERSEDES NOAA Form 77-13D (3-76)

NOAA Form 57-11-13D
(10-12)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OCEANOS EXPLORER (R-337) | TIME ZONE −5 | DAY OF WEEK TUESDAY | DATE (dd mmm yyyy) 01 MAY 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	24°42.9'	084°49.2'	CLR		10	110	18	1017.7	2	020	3	—	25.3	22.3
01	24°39.0'	084°48.5'	CLR		10	110	18	1016.9	2	120	2-4	—	25.3	22.3
02	24°36.6'	084°39.8'	SCT		10	110	18	1016.6	3	110	3-5	—	25.5	23.0
03	24°34.8'	084°30.2'	SCT		10	110	18	1016.3	3	110	3-5	—	25.5	22.8
04	—													
05	24°32.9N	084°19.5W	SCT		10	100	17	1017.1	3	110	3-5	—	25.0	21.6
06	24° 32.8	084° 17.7	FEW		10	120	19	1017.3	3	100	5	—	25.1	21.3
07	24° 33.2	084° 17.2	FEW		10	100	20	1018.0	3	100	5	—	25.3	21.2
08	24° 34.2	084° 16.5	FEW		10	85	18	1018.8	3	100	5	—	25.2	21.9
09	24° 34.6' N	084° 16.2' W	FEW	HZ-	10	080	18	1019.2	3	100	5	—	25.2	22.0
10	24°34.7'N	084°16.2'W	FEW	HZ-	10	080	16	1019.4	3	090	5	25.2	25.2	22.1
11	24° 34.6' N	084° 16.2' W	FEW	HZ-	10	075	17	1019.6	3	090	5	25.2	22.2	21.7
12	24°34.6'	084°16.3'	CLR		10	080	17	1019.4	3	070	5	25.3	25.0	22.8
13	24°34.5'	084°16.4'	FEW		10	070	17	1018.9	3	060	5	25.4	25.2	22.5
14	24°34.5'	084°16.4'	FEW		10	060	18	1018.3	3	060	5	25.4	25.2	22.5
15	24°34.5'	084°16.4'	FEW		10	060	20	1018.0	3	060	5	25.4	25.2	22.3
16	24°34.5	084 16.2	CLR		10	072	19	1017.6	3	070	5-6	25.4	24.8	21.5
17	24°34.7N	084°15.6W	FEW		10	070	18	1017.5	3	070	5-6	25.4	24.9	21.2
18	24°32.2	084 07.1	CLR		10	056	17	1017.5	3	065	6	25.5	25.2	21.4
19	24°29.9'N	083°58.0'W	CLR		10	055	16	1017.5	2-3	065	5	25.	25.0	22.0
20	24°27.3'N	083°47.8'W	CLR		10	055	17	1017.8	2-3	065	5	25.7	25.1	22.5
21	24°24.9'N	083°33.7'W	CLR		10	060	18	1018.2	2-3	065	5	25.9	25.1	22.7
22	24°21.7'N	083°25.0'W	CLR		10	080	19	1018.6	2-3	095	5	26.0	25.5	23.1
23	24°19.5'N	083°15.9'W	CLR		10	080	19	1018.5	2-3	095	5	26.1	25.6	23.2

*0400 TRAFFIC

SUPERSEDES NOAA Form 77-13D (3-76)

NOAA Form 57-11-13D
(10-12)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) | TIME ZONE -5 | DAY OF WEEK WEDNESDAY | DATE (dd mmm yyyy) 02 MAY 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	24°17.9'	083°05.6'	FEW		10	090	21	1018.0	4	090	6-8	26.3	25.5	23.5
01	24°17.7'	082°54.9'	FEW		10	070	20	1018.0	4	090	6-8	26.2	25.0	~~23.5~~ 18.5
02	24°17.5'	082°44.0'	FEW		10	070	19	1017.9	4	090	6-8	26.2	26.0	~~23.2~~ 18.7
03	24°17.2'	082°34.0'	SCT		10	050	24	1017.6	4	090	6-8	26.3	25.8	23.5
04	24°16.9 N	082°22.9 W	SCT		10	050	18	1017.5	4	090	6-8	25.5	25.2	22.7
05	24°17.5 N	082°15.9 W	SCT		10	060	17	1017.9	4	090	6-8	25.2	25.0	22.9
06	24°16.5 N	081°15.5 W	SCT		10	060	15	1018.3	3-4	090	6-7	25.4	25.1	23.0
07	24°16.5 N	082°14.6 W	SCT		10	090	16	1018.5	3-4	040	6-7	25.2	25.4	22.9
08														
09	24°16.8' N	082°15.5' W	SCT		10	070	16	1018.6	3-4	040	6-7	25.5	25.2	23.0
10	24°16.8' N	082°16.5' W	SCT	-HZ	10	075	16	1019.5	3-4	080	6-7	25.8	25.8	22.8
11	24°16.9' N	082°15.4' W	SCT		10	080	17	1019.6	3	075	4-5	26.1	26.7	23.3
12	24°17.0'	082°15.5	SCT		10	080	18	1019.4	3	050	4-6	26.2	25.5	23.8
13	24°17.1'	082°15.4'	SCT		10	080	16	1018.9	3	050	4-6	26.2	26.0	23.5
14	24°17.1'	082°15.3'	FEW		10	080	18	1018.2	3	070	4-6	26.2	26.0	24.0
15	24°17.1'	082°15.3	FEW		10	070	16	1017.6	3	070	4-6	26.2	26.0	24.0
16	24 17.1	082 15.1	FEW		10	080	19	1017.5	3	070	6	26.2	27.1	23.8
17	24°17.7'N	082°13.1'W	FEW		10	080	21	1016.5	3	070	6	26.3	25.7	23.0
18	24°14.1'N	08211.9'W	CLR		10	075	20	1016.6	3	070	6-7	26.5	25.7	23.5
19	24°14.3N	082 02.8	CLR		10	070	24	1016.9	3	070	6	26.7	<5.5	23.0
20	24°13.6'N	081°53.9'W	CLR		10	075	18	1017.8	3	070	6	26.6	25.7	23.1
21	24°13.5'N	082°02.1'W	CLR		10	055	21	1018.6	3	070	6	26.4	24.0	22.6
22	24°13.4'N	082°07.8'W	CLR		10	065	20	1018.3	3	070	6	26.2	24.0	22.7
23	24°13.2'N	082°15.2'W	CLR		10	075	17	1018.6	3	070	6	26.1	25.8	22.6

SUPERSEDES NOAA Form 77-13D (3-76)

NOAA Form 57-11-13D
(10-12)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) | TIME ZONE: -5 | DAY OF WEEK: THURSDAY | DATE (dd mmm yyyy): 03 MAY 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	24°13.1'	082°23.6'	BKN		10	060	20	1018.0	3	040	6	26.0	24.5	23.0
01	24°12.9'	082°31.6'	BKN		10	080	20	1017.4	3	040	6	26.1	25.0	23.5
02	24°12.2'	082°23.9'	BKN		10	080	22	1016.2	4	080	6-8	26.2	25.5	23.5
03	24°12.4'	082°13.5'	BKN		10	070	20	1015.7	4	080	6-8	26.1	25.5	23.5
04	24°12.6 N	082°06.7	BKN		10	070	20	1015.5	4	080	6-8	26.5	25.9	22.9
05	24°13.3N	081°53.3W	CTN		10	090	22	1015.5	4	080	6-8	26.4	26.0	22.9
06	24°22.4'N	081°48.1'W	FEW		10	090	21	1015.9	4	080	6-8	25.3	25.4	22.9
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SUPERSEDES NOAA Form 77-13D (3-76)