

## DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <u>OKEANOS 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 <u>N</u>	LONGITUDE <u>W</u>				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	19°43.7 N	156°46.2 W	FEW		10	035	35	1014.3	6-7	090	8-12	25.3		
01	19°43.1 N	156°39.7 W	FEW		10	045	35	1014.0	6-7	090	8-12	25.7		
02	19°43.5 N	156°33.0 W	FEW		10	050	30	1013.8	6-7	090	7-10	26.4		
03	19°44.2 N	156°26.5 W	FEW		10	040	28	1013.2	6-7	090	7-10	27.4	25.9	22.0
04	19°40.6 N	156°20.8 W	FEW		10	045	27	1012.0	6-7	080	7-10	27.5	26.0	23.0
05	19°35.0 N	156°16.9 W	FEW		10	015	10	1012.9	5-6	080	6-8	27.5	25.8	22.8
06	19°29.7 N	156°14.6 W	FEW		10	160	6	1012.7	2-3	000	4-6	27.7	26.8	22.8
07	19°20.1 N	156°12.6 W	FEW		10	180	10	1013.2	2-3	160	4-6	27.5	26.8	22.5
08	19°11.9 N	156°11.0 W	SCT	ci HZ	10	130	9	1014.9	2-3	140	4-6	27.3	26.8	21.5
09	19°02.1 N	156°09.1 W	SCT	ci HZ	10	090	23	1015.0	3-4	140	5-7	27.1	27.2	23.2
10	18°54.6 N	156°05.7 W	SCT	ci HZ	10	080	38	1014.6	4-5	100	8-9	27.2		
11	18°48.5 N	156°00.4 W	BKN		10	080	30	1014.2	5-6	090	8-10	27.1		
12	18°44.0 N	155°55.6 W	BKN		10	065	32	1013.9	5-6	090	8-10	26.9		
13	18°41.1 N	155°50.3 W	BKN		10	060	30	1013.0	5-6	090	8-10	26.8		
14														
15	18°34.4 N	155°38.3 W	BKN		10	060	33	1011.5	5-6	090	8-10	26.8	26.0	22.5
16	18°31.2 N	155°32.5 W	BKN		10	045	35	1011.5	5-6	050	10-12	26.9	25.9	22.9
17	18°27.8 N	155°26.4 W	BKN		10	055	36	1012.9	4-6	060	10-12	26.8	26.6	23.2
18	18°24.1 N	155°19.9 W	BKN		10	055	34	1014.0	4-6	060	10-12	26.7	26.0	23.3
19	18°20.8 N	155°13.9 W	BKN		10	060	30	1014.5	4-6	060	10-12	26.7	25.9	23.0
20	18°16.8 N	155°06.9 W	SCT		10	060	26	1015.3	4-6	060	10-12	26.7	25.5	23.2
21	18°13.1 N	155°00.2 W	SCT		10	065	26	1016.3	4-6	060	10-12	26.7	25.5	23.2
22	18°09.3 N	154°53.5 W	SCT		10	050	30	1016.4	4-6	060	10-12	26.7	25.1	22.8
23	18°05.5 N	154°46.7 W	SCT		10	045	28	1016.0	4-6	060	10-12	26.7	25.5	22.9

At  
BP  
BP  
BP

\*1400 DRILLS

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <b>OKEANOS EXPLORER (R-337)</b>							TIME ZONE <b>-10</b>	DAY OF WEEK <b>WEDNESDAY</b>	DATE (dd mmm yyyy) <b>18 OCT 17</b>					
TIME	POSITION		SKY CON- DITION	PRESENT WEATHER	VISI- BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE <b>N</b>	LONGITUDE <b>W</b>				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	18°01.7 N	154°40.0 W	SCT		10	055	25	1015.0	4-6	060	10-12	26.7	25.5	22.9
01	17°57.9 N	154°33.2 W	FEW	DZ	10	045	23	1014.7	4-6	060	9-11	26.7	25.9	22.6
02	17°53.9 N	154°26.2 W	FEW		10	040	20	1013.9	4-6	060	9-11	26.7	26.0	22.5
03	17°50.0 N	154°19.2 W	FEW		10	050	26	1013.6	4-6	060	8-9	26.7	25.9	22.9
04	17°45.9 N	154°11.8 W	FEW		10	050	27	1013.5	4-6	060	8-10	26.7	25.8	23.1
05	17°41.8 N	154°04.6 W	FEW		10	050	28	1013.9	4-6	070	8-10	26.9	25.6	22.8
06	17°38.4 N	153°58.5 W	SCT		10	050	26	1014.1	2-4	060	8-10	27.1	25.8	23.2
07	17°34.4 N	153°51.4 W	SCT		10	055	29	1014.6	4-6	050	8-10	27.1	25.9	22.5
08	17°30.1	153°43.8	SCT		10	040	27	1015.4	4-6	050	8-10	27.1	26.5	23.6
09	17°26.1	153°36.6	SCT		10	070	25	1016.1	4-6	050	8-10	27.0	26.1	23.2
10	17°21.6	153°28.6	SCT		10	055	26	1016.4	4-6	040	8-10	27.0	27.0	23.6
11	17°17.3	153°21.1	SCT		10	060	24	1015.8	4-6	<del>040</del> <sup>000</sup>	8-10	26.9	26.5	22.3
12	17°13.6 N	153°14.5 W	SCT		10	050	22	1015.0	4-6	080	8-10	26.9	26.3	22.5
13	17°09.6 N	153°07.5 W	SCT		10	055	23	1014.2	4-6	080	8-10	27.0	26.5	22.5
14	17°05.5 N	153°00.1 W	SCT		10	050	26	1013.1	4-6	080	8-10	26.9	26.2	22.5
15	17°01.4 N	152°52.9 W	SCT		10	045	24	1013.0	4-5	080	8-9	27.0	26.2	22.8
16	16°57.4 N	152°45.8 W	SCT		10	040	25	1012.9	4-5	070	8-9	27.1	26.8	23.5
17	16°52.2 N	152°36.6	SCT		10	040	23	1012.3	4-5	070	8-9	27.2	26.2	23.6
18	16°49.4 N	152°31.5 W	SCT		10	060	28	1014.0	4-5	060	8-10	27.2	26.5	23.0
19	16°45.6 N	152°24.8 W	SCT		10	045	27	1014.4	4-5	070	8-10	27.3	26.5	23.0
20	16°41.9	152°17.4	SCT		10	045	23	1015.7	4-5	070	8-10	27.4	26.4	23.8
21	16°37.5	152°10.6	SCT		10	045	26	1016.0	4-5	070	8-10	27.4	26.0	23.4
22	16°33.6	152°03.6	SCT		10	050	23	1016.1	4-5	070	8-10	27.4	26.0	23.5
23	16°29.5	151°56.4	FEW		10	050	23	1016.0	4-5	070	8-9	27.4	26.1	23.7

### DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship **OKEANOS EXPLORER (R-337)**      TIME ZONE **-10**      DAY OF WEEK **THURSDAY**      DATE (dd mmm yyyy) **19 OCT 2017**

TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE N	LONGITUDE W				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	16°25.8 N	151°49.9 W	FEW		10	040	22	1015.0	4-5	070	8-9	27.3	26.2	23.9
01	16°21.6 N	151°42.5 W	SCT		10	045	21	1014.3	4-5	070	8-9	27.3	26.2	23.9
02	16°17.6 N	151°35.4 W	SCT		10	055	22	1013.9	4-5	070	8-9	27.3	26.2	23.8
03	16°13.6 N	151°28.2 W	SCT		10	040	20	1013.2	4-5	070	8-9	27.3	26.2	23.5
04	16°09.6 N	151°21.2 W	SCT		10	034	23	1013.3	4-5	060	7-9	27.2	26.1	24.9
05	16°05.5 N	151°14.0 W	SCT		10	045	24	1013.1	4-5	050	7-9	27.2	26.2	25.0
06	16°01.1 N	151°06.3 W	SCT		10	030	23	1013.0	4-5	060	7-9	27.2	26.1	25.9
07	15°57.0 N	150°59.0 W	SCT		10	030	23	1013.9	4-5	070	7-9	27.2	25.9	25.9
08	15°52.6'	150°51.4'	SCT		10	045	24	1013.9	4-5	060	7-8	27.2	26.7	24.2
09	15°48.7'	150°44.5'	SCT		10	050	24	1014.7	4-5	050	7-8	27.3	<del>26</del> <sup>27.0</sup>	24.7
10	15°44.7	150°37.5	SCT		10	040	25	1014.5	4-5	050	7-8	27.4	27.5	24.7
11	15°40.7	150°30.4	SCT		10	040	25	1013.9	4-5	050	7-8		27.8	24.8
12	15°37.4 N	150°24.5 W	SCT		10	030	21	1012.8	4-5	050	7-8	27.5	26.8	26.0
13														*
14	15°32.2 N	150°15.3 W	SCT		10	040	21	1011.4	4-5	050	7-8	27.5	27.6	24.5
15	15°28.3 N	150°08.7 W	SCT BKN		10	030	19	1011.3	4-5	050	7-8	27.5	28.1	25.1
16	15°23.8 N	150°00.6 W	BKN		10	025	22	1011.6	4-5	050	6-8	27.6	26.5	23.1
17	15°21.0 N	149°55.9 W	BKN		10	035	24	1011.8	4-5	070	6-8	27.6	26.5	23.2
18	15°17.1 N	149°48.8 W	BKN		10	030	22	1011.8	3-4	050	6-8	27.6	26.5	23.1
19	15°13.0 N	149°41.7 W	BKN		10	035	23	1012.4	3-4	070	6-8	27.5	26.1	23.0
20	15°09.0	149°34.7	FEW		10	025	20	1013.3	3-4	070	6-8	27.7	26.0	23.7
21	15°05.2'	149°28.0	FEW		10	025	22	1013.5	3-4	070	6-8	27.7	26.1	23.7
22	15°01.7	149°21.9	SCT		10	045	22	1013.8	3-4	070	6-8	27.7	26.2	23.9
23	14°58.0'	149°15.4'	BKN		10	020	20	1013.0	3-4	020	6-8	27.7	26.3	24.3

\* 1300 LTD OPS

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <b>OKEANOS EXPLORER (R-337)</b>						TIME ZONE <b>-10</b>		DAY OF WEEK <b>FRIDAY</b>		DATE (dd mmm yyyy) <b>20 OCT 2017</b>				
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	14°54.0 N	149°08.4 W	BKN		10	025	21	1012.0	3-4	070	6-8	27.7	26.5	24.2
01	14°49.9 N	149°01.2 W	BKN		10	020	18	1011.3	3-4	070	6-8	27.7	26.0	24.3
02	14°45.6 N	148°53.6 W	BKN	DZ	10	040	22	1010.5	3-4	070	6-8	27.7	26.5	24.5
03	14°41.4 N	148°46.2 W	BKN	SH	10	030	20	1010.0	3-4	070	6-8	27.7	26.0	24.9
04	14°37.0 N	148°38.6 W	BKN	RN	10	040	23	1010.1	3-4	070	6-8	27.8	26.1	25.0
05	14°32.9 N	148°31.4 W	BKN	RN	10	041	21	1010.4	4-5	060	7-9	27.8	26.1	25.1
06	14°28.6 N	148°23.9 W	OVC		10	045	22	1010.4	4-5	<del>050</del> 030	7-9	27.8	26.0	25.5
07	14°24.4 N	148°16.4 W	BKN		10	045	21	1010.9	4-5	055	7-9	27.8	26.8	25.5
08	14°20.6	148°09.9	SCT		10	040	18	1011.3	3-4	020	6-8	27.8	27.4	26.4
09	14°19.6	148°08.2	SCT		10	032	19	1011.6	3-4	020	6-8	27.9	28.5	26.8
10	14°15.3	148°00.6	SCT		10	065	16	1011.8	3-4	020	6-7	27.9	28.4	26.5
11	14°10.9	148°52.9	SCT		10	050	18	1011.3	3-4	020	6-7	28.0	28.5	26.8
12	14°06.8 N	148°45.8 W	SCT		10	065	18	1010.0	3-4	020	6-7	27.9	27.9	26.0
13	14°03.7 N	148°40.9 W	SCT	SH	10	060	18	1009.4	3-4	020	6-7	28.8	28.5	26.5
14	14°04.1 N	148°41.5 W	SCT		10	065	18	1009.2	3-4	020	6-7	28.0	28.1	26.4
15	14°04.3 N	148°38.3 W	BKN	RA	10	080	20	1008.1	3-4	020	6-7	27.9	26.9	25.2
16	14°04.8 N	148°30.9 W	OVC	RA	10	090	21	1008.8	3-4	090	6-7	28.0	27.2	26.2
17	14°05.6 N	148°22.6 W	OVC	RA	10	110	23	1009.6	3-4	110	6-8	28.0	26.4	25.2
18	14°05.6 N	148°13.1 W	OVC		10	095	21	1010.1	3-4	110	6-8	28.0	26.8	25.9
19	14°07.2 N	148°05.1 W	OVC		10	105	22	1011.1	3-4	110	6-8	28.0	27.3	25.9
20	14°09.0	146°55.7	BKN		10	105	18	1011.7	3-4	110	6-8	27.9	27.7	26.4
21	14°10.7	146°46.8	BKN		10	090	21	1012.1	3-4	110	6-8	27.9	27.7	26.4
22	14°12.4	146°38.0	BKN		10	095	17	1011.8	3-4	110	6-8	27.9	27.7	26.2
23	14°14.1	146°29.0	SCT		10	085	21	1012.0	3-4	110	6-8	27.9	28.0	26.3

### DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337)							TIME ZONE -10	DAY OF WEEK SATURDAY	DATE (dd mmm yyyy) 21 OCT 2017					
TIME	POSITION		SKY CON- DITION	PRESENT WEATHER	VISI- BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE N	LONGITUDE W				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	14°15.8 N	146°20.2 W	SCT		10	095	19	1011.2	3-4	110	6-8	27.9	27.9	26.3
01	14°14.4 N	146°11.3 W	SCT		10	080	18	1010.5	3-4	110	6-8	27.9	27.8	26.5
02	14°19.2 N	146°02.3 W	SCT		10	080	16	1010.0	3-4	110	6-8	27.8	27.8	26.5
03	14°20.9 N	145°53.5 W	BKN	RA	10	075	17	1010.0	3-4	110	6-8	27.8	27.0	26.2
04	14°22.6 N	145°44.3 W	BKN		10	070	16	1010.5	4-6	110	8-10	27.7	<del>27.6</del>	26.4 JM
05	14°24.4 N	145°35.0 W	BKN		10	075	18	1011.4	4-6	060	8-10	27.8	27.9	26.4
06	14°25.8 N	145°27.5 W	BKN	RA	10	065	17	1010.8	4-6	070	8-10	27.8	26.1	26.0
07	14°27.7 N	145°17.9 W	BKN	RA	10	075	24	1012.0	4-6	060	8-10	27.8	26.8	26.1
08	14°29.3'	145°09.6'	BKN	RA SF	10	075	22	1013.1	4-6	075	8-10	27.8	27.6	26.2
09	14°30.9'	145°00.9'	BKN		10	070	21	1014.1	4-6	075	8-10	27.8	27.8	25.7
10	14°32.5'	144°52.8'	OVC		10	070	20	1013.3	4-6	075	8-11	27.8	28.1	26.1
11	14°34.1	144°44.3	OVC		10	080	21	1012.8	4-6	075	8-11	27.8	28.3	26.0
12	14°35.8 N	144°35.5 W	OVC		10	075	24	1011.5	4-6	075	8-11	27.8	28.0	25.5
13														25.5
14	14°36.6 N	144°33.6 W	OVC	RA	10	060	19	1011.2	4-6	075	8-9	27.8	28.0	25.5
15	14°36.9 N	144°33.8 W	OVC	RA	10	070	19	1010.2	4-6	075	8-9	27.8	28.0	25.5
16	14°36.6 N	144°30.9 W	OVC	RA	10	065	22	1012.2	4-6	060	9-11	27.8	27.8	25.6
17	14°38.0 N	144°23.7 W	OVC		10	050	20	1012.4	4-6	065	9-11	27.8	28.0	26.0
18	14°39.5 N	144°15.8 W	OVC		10	055	21	1012.8	4-6	060	9-11	27.8	27.8	25.8
19	14°41.2 N	144°07.0 W	OVC		10	070	17	1013.8	4-6	080	9-10	27.8	28.0	26.0
20	14°42.9'	143°57.9'	OVC		10	065	22	1014.6	4-6	080	9-10	27.7	27.5	26.0
21	14°44.6	143°49.1	OVC		10	070	22	1014.8	4-6	080	9-10	27.6	27.5	26.6
22	*													
23	14°46.3	143°40.3	OVC		10	070	23	1014.6	4-6	080	9-10	27.6	27.4	25.8

0600: RAIN FROM 0515 TO 0600.  
 1300: CTD OPS  
 \*2200: TIME ZONE CHANGE

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337)						TIME ZONE -9	DAY OF WEEK SUNDAY	DATE (dd mmm yyyy) 22 OCT 2017						
TIME	POSITION		SKY CON- DITION	PRESENT WEATHER	VISI- BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE N	LONGITUDE W				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	14°47.8N	143°32.5W	BKN		10	060	22	1014.1	4-6	080	8-9	27.6	27.5	25.5
01	14°49.5N	143°23.6W	OVC	DZ	10	060	24	1014.0	4-6	080	9-10	27.6	27.8	25.5
02	14°50.9N	143°15.7W	OVC	SH	10	065	25	1013.0	4-6	080	9-10	27.6	27.2	25.5
03	14°52.4N	143°08.1W	OVC		10	070	20	1013.0	4-6	080	9-10	27.5	27.5	26.0
04	14°53.8N	143°00.9W	OVC		10	065	25	1012.7	4-6	070	9-10	27.5	27.5	25.6
05	14°55.4N	142°53.4W	OVC		10	070	24	1012.6	4-6	070	9-10	27.5	27.3	25.5
06	14°56.8N	142°46.7W	OVC		10	065	27	1013.0	4-6	065	9-11	27.5	27.3	25.2
07	14°58.2N	142°40.1W	OVC		10	075	29	1013.5	4-6	070	9-10	27.5	27.5	25.2
08	14°59.4'	142°33.6'	OVC	AC	10	080	26	1014.9	4-6	090	9-10	27.4	27.7	25.3
09	15°00.4'	142°26.5'	OVC	AC SE	10	075	25	1015.7	4-6	080	9-10	27.5	27.8	25.4
10	15°01.3	142°19.5	OVC		10	070	27	1015.5	4-6	075	9-10	27.5	28.0	25.7
11	15°02.7	142°12.3	OVC		10	080	25	1015.1	4-6	075	9-10	27.6	27.8	25.2
12	15°04.0N	142°06.4W	OVC		10	080	22	1013.9	4-6	075	9-10	27.6	27.8	25.3
13	15°04.8N	142°03.6W	OVC		10	080	22	1014.0	4-6	075	9-10	27.6	27.8	25.5
14	15°05.0N	142°03.9W	BKN		10	085	22	1013.4	4-6	075	9-10	27.7	27.5	25.0
15	15°06.1N	142°04.2W	BKN		10	075	21	1013.8	4-6	075	9-10	27.7	27.8	25.3
16	15°06.8N	142°02.7W	BKN		10	080	21	1013.0	4-6	075	8-10	27.7	27.8	25.2
17	15°06.8N	141°57.2W	BKN		10	080	23	1013.0	4-6	070	8-10	27.7	27.8	25.2
18	15°06.8N	141°48.9W	BKN		10	065	21	1013.9	4-6	070	8-10	27.7	27.7	25.1
19	15°06.7N	141°39.7W	BKN		10	067	22	1014.1	4-6	070	8-12	27.7	27.7	25.1
20	15°06.7	141°31.2	FEW		10	070	23	1015.1	4-6	070	8-12	27.7	27.2	25.5
21	15°06.7'	141°23.2'	FEW		10	070	25	1015.6	4-6	070	8-12	27.6	27.0	25.5
22	15°06.6'	141°15.0'	FEW		10	070	25	1016.0	4-6	070	8-12	27.5	27.1	25.5
23	15°06.6	141°06.6	FEW		10	070	23	1015.8	4-6	070	8-12	27.5	27.2	25.5

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship		TIME ZONE		DAY OF WEEK		DATE (dd mmm yyyy)								
OKEANOS EXPLORER (R-337)		-9		MONDAY		23 OCT 2017								
TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE N	LONGITUDE W				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	15°06.6 N	140°58.6 W	FEW		10	070	26	1015.0	4-6	070	8-12	27.4	27.2	25.2
01	15°06.5 N	140°52.3 W	FEW		10	070	21	1014.5	4-6	070	8-12	27.3	27.2	25.2
02	15°06.5 N	140°44.3 W	FEW		10	070	22	1014.4	4-6	070	8-12	27.2	27.1	24.8
03	15°06.5 N	140°36.1 W	SCT	SH-	10	060	17	1013.6	4-6	070	8-12	27.1	26.9	25.0
04	15°06.4 N	140°28.1 W	SCT		10	050	19	1013.8	4-6	070	8-12	27.0	27.0	24.9
05	15°06.4 N	140°18.8 W	SCT		10	045	19	1014.1	4-6	070	8-12	27.0	26.8	24.5
06	15°06.4 N	140°10.9 W	SCT		10	065	17	1013.5	4-6	060/100	8-12	27.0	27.0	24.6
07	15°06.4 N	140°02.7 W	SCT		10	065	19	1014.4	4-6	050/110	8-12	27.0	27.1	24.8
08	15°06.3	139°54.2	SCT		10	075	20	1015.2	4-6	050	8-10	27.2	27.5	25.3
09	15°06.3	139°45.6	SCT		10	070	17	1015.5	4-6	050	8-10	27.3	27.5	25.5
10	15°06.2	139°37.0	SCT		10	080	20	1015.5	4-6	050	8-10	27.4	27.7	25.2
11	15°06.2	139°28.4	FEW		10	080	16	1015.2	4-6	070	8-10	27.5	27.8	25.5
12	15°06.0 N	139°19.7 W	SCT		10	075	17	1013.2	4-6	070	8-10	27.6	27.1	24.6
13	15°05.7 N	139°10.8 W	SCT		10	075	19	1013.5	4-6	070	8-10	27.6	27.1	26.5
14	15°05.3 N	139°01.4 W	SCT		10	075	14	1012.9	4-6	070	8-10	27.6	27.2	26.5
15	15°04.9 N	138°52.4 W	SCT	SH-	10	075	16	1012.4	4-6	070	8-9	27.6	27.0	25.8
16	15°04.6 N	138°43.5 W	SCT		10	055	11	1012.8	4-6	075	8-9	27.6	27.0	25.0 JM
17	15°04.2 N	138°33.6 W	BKN		10	075	18	1012.9	4-5	070/100	7-9	27.6	27.1	24.9
18	15°03.8 N	138°23.7 W	BKN		10	065	15	1013.6	4-5	070	7-9	27.5	27.1	24.9 JM
19	15°03.5 N	138°14.4 W	BKN		10	065	10	1014.7	4-5	070	7-9	27.4	26.6	25.0
20	15°03.1	138°04.7	SCT BKN		10	080	14	1015.3	4-5	070	7-9	27.3	26.5	24.8 JM
21	15°02.7	137°54.9	SCT		10	080	14	1016.0	4-5	070	7-9	27.2	26.3	25.0
22	15°02.3	137°45.3	BKN		10	085	14	1016.1	4-5	070	7-9	27.2	26.0	25.0
23	15°02.0	137°35.7	SCT		10	065	15	1016.0	4-5	070	7-9	27.2	26.4	25.0

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship		OKEANOS EXPLORER (R-337)		TIME ZONE	-9		DAY OF WEEK	TUESDAY		DATE (dd mmm yyyy)	24 OCT 2017			
TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE	LONGITUDE				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	15°01.6 N	137°26.3 W	FEW		10	080	17	1014.8	4-5	070	7-9	27.2	26.5	25.0
01	15°01.2 N	137°16.3 W	SCT		10	080	15	1014.3	4-5	070	7-9	27.2	26.7	25.0
02	15°00.8 N	137°06.8 W	SCT		10	070	17	1014.2	4-5	070	7-8	26.8	26.8	25.6
03	15°00.4 N	137°56.7 W	FEW		10	050	16	1013.3	4-5	070	7-9	26.7	26.9	24.8
04	15°00.1 N	136°47.0 W	FEW		10	041	15	1013.5	4-5	060	7-9	26.9	27.5	24.5
05	14°59.7 N	136°37.2 W	FEW		10	050	19	1013.4	4-5	060	8-10	26.9	27.5	24.5
06	14°59.3 N	136°27.1 W	SCT		10	055	16	1013.0	4-6	055/10	8-10	26.9	26.8	24.5
07	14°58.9 N	136°17.8 W	SCT		10	055	17	1014.4	4-6	060	8-10	27.0	27.0	24.5
08	14°58.5	136°07.9	SCT		10	050	15	1015.8	4-5	070	7-9	27.0	27.0	27.8
09	14°58.1	135°58.3	SCT		10	055	16	1015.8	4-5	070	7-9	27.0	27.3	24.9
10	14°57.8	135°48.6	DKV		10	065	19	1015.8	4-5	070	7-9	27.3	27.5	24.5
11	14°57.4	135°39.3	SCT		10	060	19	1015.6	4-5	075	7-9	27.4	27.6	24.5
12	14°57.1 N	135°30.8 W	SCT		10	030	18	1014.0	4-5	075	7-9	27.5	26.8	24.0
13	14°56.7 W	135°21.8 W	SCT		10	035	18	1013.2	4-5	075	7-9	27.5	26.5	23.5
14	14°56.3 N	135°11.5 W	SCT		10	035	17	1012.5	4-5	075	7-9	27.5	26.4	23.9
15	14°55.9 N	135°02.2 W	SCT		10	040	18	1012.4	4-5	075	7-9	27.4	26.2	23.5
16	14°55.6 N	134°53.1 W	SCT		10	045	17	1012.8	4-5	070	7-9	27.4	26.8	23.7
17	14°55.2 N	134°43.8 W	SCT		10	020	23	1013.1	4-5	060	7-9	27.4	26.8	24.0
18	14°54.9 N	134°34.0 W	SCT		10	050	19	1013.2	4-5	055	7-9	27.3	26.6	23.2
19	14°54.5 N	134°25.0 W	SCT		10	065	20	1013.8	4-5	055	7-9	27.3	26.5	23.5
20	14°54.1	134°15.1	SCT		10	055	17	1014.2	4-5	055	7-9	27.2	26.3	23.8
21	14°53.7	134°05.7	SCT		10	075	18	1014.9	4-5	055	7-9	27.1	26.3	23.8
22	14°53.4	133°55.9	FEW		10	050	17	1015.0	4-5	055	7-9	27.2	26.2	23.5
23	14°53.0	133°46.4	SCT		10	060	17	1014.8	4-5	055	7-9	26.8	26.0	23.3



## DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (2337)							TIME ZONE -9	DAY OF WEEK WEDNESDAY	DATE (dd mmm yyyy) 25 OCT 2017					
TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE N	LONGITUDE W				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	14°52.6 N	133°37.2 W	CLR		10	055	14	1014.0	3-4	055	6-7	26.7	26.2	22.9
01	14°52.2 N	133°26.8 W	FEW		10	060	14	1013.1	3-4	055	6-7	26.7	26.2	22.9
02	14°51.8 N	133°16.6 W	SCT		10	070	15	1012.5	3-4	055	6-7	26.8	26.3	23.5
03	14°51.5 N	133°07.8 W	SCT		10	070	15	1012.9	3-4	055	6-7	26.8	26.1	22.8
04	14°51.5 N	132°58.2 W	SCT		10	065	18	1012.8	3-4	055	6-7	26.8	26.8	21.9
05	14°50.7 N	132°48.2 W	SCT		10	035	16	1012.8	3-4	055	6-7	26.9	26.5	22.5
06	14°50.3 N	132°38.6 W	SCT		10	035	18	1012.3	2-3	055	5-6	26.9	26.5	22.5
07	14°50.0 N	132°28.3 W	SCT		10	040	17	1013.6	2-3	060	5-6	26.8	26.8	22.4
08	14°49.6 N	132°19.4 W	FEW		10	035	23	1014.4	2-3	055	5-6	26.8	26.7	23.0
09	14°49.2 N	132°09.7 W	SCT		10	035	16	1014.9	2-3	055	5-6	26.8	26.8	22.4
10	14°48.8 N	131°59.8 W	SCT		10	045	17	1015.0	2-3	060	5-6	26.8	26.7	22.6
11	14°48.4 N	131°49.3 W	FEW		10	045	20	1013.4	3-4	060	5-6	26.7	27	22.7
12	14°48.0 N	131°41.3 W	FEW		10	040	19	1011.7	3-4	060	5-6	26.7	26.5	22.2
13	14°47.6 N	131°27.8 W	FEW		10	045	18	1011.2	3-4	060	5-6	26.7	26.5	22.1
14	14°47.2 N	131°19.6 W	FEW		10	060	15	1010.5	3-4	060	5-6	26.9	26.5	22.1
15	14°46.8 N	131°09.4 W	FEW		10	050	14	1010.3	3-4	060	5-6	26.9	26.5	22.5
16	14°46.4 N	130°58.9 W	FEW		10	055	14	1011.2	3-4	070	5-6	26.9	26.9	22.5
17	14°46.0 N	130°49.0 W	FEW		10	040	17	1011.2	3-4	070	5-6	27.1	26.8	23.3
18	14°45.6 N	130°39.1 W	FEW		10	065	19	1011.8	3-4	065	5-6	27.5	26.7	23.2
19	14°45.2 N	130°28.7 W	SCT		10	065	16	1012.8	3-4	065	5-6	27.5	26.9	23.5
20	14°44.8 N	130°18.6 W	SCT		10	080	17	1012.9	3-4	065	5-6	27.4	26.4	22.6
21	14°44.4 N	130°08.4 W	SCT		10	065	13	1013.4	3-4	065	5-6	27.5	26.4	22.6
22	14°44.0 N	129°58.4 W	FEW		10	080	14	1013.4	3-4	065	5-6	27.5	26.7	23.2
23	14°43.7 N	129°48.5 W	FEW		10	070	12	1012.5	<del>2-3</del> 3-4	065	5-6	27.5	26.5	23.5

## DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <i>OKEANOS EXPLORER (R-337)</i>							TIME ZONE <i>- 8</i>	DAY OF WEEK <i>THURSDAY</i>	DATE (dd mmm yyyy) <i>26 OCT 2017</i>					
TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE <i>N</i>	LONGITUDE <i>W</i>				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00														<i>*</i>
01	<i>14°43.3N</i>	<i>129°28.5W</i>	<i>FEW</i>		<i>10</i>	<i>070</i>	<i>10</i>	<i>1012.0</i>	<i>2-3</i>	<i>065</i>	<i>5-6</i>	<i>27.5</i>	<i>26.5</i>	<i>25.2</i>
02	<i>14°42.8N</i>	<i>129°28.9W</i>	<i>FEW</i>		<i>10</i>	<i>090</i>	<i>10</i>	<i>1011.5</i>	<i>2-3</i>	<i>065</i>	<i>5-6</i>	<i>27.5</i>	<i>26.5</i>	<i>25.2</i>
03	<i>14°42.4N</i>	<i>129°17.6W</i>	<i>SCT</i>		<i>10</i>	<i>075</i>	<i>10</i>	<i>1011.3</i>	<i>2-3</i>	<i>065</i>	<i>5-6</i>	<i>27.5</i>	<i>26.5</i>	<i>25.5</i>
04	<i>14°42.1N</i>	<i>129°08.1W</i>	<i>SCT</i>		<i>10</i>	<i>055</i>	<i>11</i>	<i>1011.5</i>	<i>2-3</i>	<i>065</i>	<i>5-6</i>	<i>27.6</i>	<i>26.2</i>	<i>25.2</i>
05	<i>14°41.6N</i>	<i>128°56.6W</i>	<i>SCT</i>		<i>10</i>	<i>070</i>	<i>10</i>	<i>1011.5</i>	<i>2-3</i>	<i>070</i>	<i>5-6</i>	<i>27.5</i>	<i>26.5</i>	<i>23.5</i>
06	<i>14°41.2N</i>	<i>128°46.7W</i>	<i>OVC</i>		<i>10</i>	<i>070</i>	<i>14</i>	<i>1011.2</i>	<i>2-3</i>	<i>070</i>	<i>5-6</i>	<i>27.5</i>	<i>26.5</i>	<i>23.6</i>
07	<i>14°40.8N</i>	<i>128°36.9W</i>	<i>OVC</i>		<i>10</i>	<i>065</i>	<i>11</i>	<i>1011.3</i>	<i>2-3</i>	<i>080</i>	<i>5-6</i>	<i>27.6</i>	<i>26.6</i>	<i>23.7</i>
08	<i>14°40.4</i>	<i>128°26.4</i>	<i>OVC</i>		<i>10</i>	<i>065</i>	<i>10</i>	<i>1013.3</i>	<i>1-2</i>	<i>080</i>	<i>3-4</i>	<i>27.7</i>	<i>27.0</i>	<i>24.3</i>
09	<i>14°40.0</i>	<i>128°16.4</i>	<i>OVC</i>		<i>10</i>	<i>055</i>	<i>11</i>	<i>1013.7</i>	<i>1-2</i>	<i>080</i>	<i>3-5</i>	<i>27.7</i>	<i>27.0</i>	<i>24.5</i>
10	<i>14°39.6</i>	<i>128°06.2</i>	<i>BKN</i>	<i>Si</i>	<i>10</i>	<i>065</i>	<i>11</i>	<i>1013.9</i>	<i>2-3</i>	<i>065</i>	<i>3-5</i>	<i>27.8</i>	<i>27.2</i>	<i>24.9</i>
11	<i>14°39.3</i>	<i>127°56.4</i>	<i>SCT</i>		<i>10</i>	<i>035</i>	<i>10</i>	<i>1013.5</i>	<i>2-3</i>	<i>075</i>	<i>3-5</i>	<i>27.7</i>	<i>27.3</i>	<i>24.6</i>
12	<i>14°38.9N</i>	<i>127°47.9W</i>	<i>SCT</i>		<i>10</i>	<i>060</i>	<i>10</i>	<i>1011.9</i>	<i>2-3</i>	<i>075</i>	<i>3-5</i>	<i>27.8</i>	<i>27.0</i>	<i>24.5</i>
13	<i>14°39.3N</i>	<i>127°45.2W</i>	<i>SCT</i>		<i>10</i>	<i>055</i>	<i>12</i>	<i>1011.9</i>	<i>2-3</i>	<i>060</i>	<i>3-5</i>	<i>27.7</i>	<i>27.0</i>	<i>24.9</i>
14	<i>14°39.8N</i>	<i>127°45.3W</i>	<i>BKN</i>		<i>10</i>	<i>065</i>	<i>13</i>	<i>1011.5</i>	<i>2-3</i>	<i>060</i>	<i>3-5</i>	<i>27.7</i>	<i>27.5</i>	<i>25.0</i>
15	<i>14°40.4N</i>	<i>127°45.6W</i>	<i>SCT</i>		<i>10</i>	<i>060</i>	<i>12</i>	<i>1011.3</i>	<i>2-3</i>	<i>060</i>	<i>3-5</i>	<i>27.8</i>	<i>27.5</i>	<i>24.9</i>
16	<i>14°38.8N</i>	<i>127°43.8W</i>	<i>OVC</i>		<i>10</i>	<i>060</i>	<i>12</i>	<i>1011.9</i>	<i>2-3</i>	<i>050</i>	<i>3-5</i>	<i>27.8</i>	<i>27.5</i>	<i>24.5</i>
17	<i>14°38.6N</i>	<i>127°39.3W</i>	<i>OVC</i>		<i>10</i>	<i>070</i>	<i>13</i>	<i>1012.0</i>	<i>2-3</i>	<i>070</i>	<i>3-5</i>	<i>27.7</i>	<i>27.2</i>	<i>24.5</i>
18	<i>14°38.2N</i>	<i>127°29.9W</i>	<i>OVC</i>		<i>10</i>	<i>050</i>	<i>13</i>	<i>1012.5</i>	<i>2-3</i>	<i>070</i>	<i>3-5</i>	<i>27.6</i>	<i>27.1</i>	<i>24.2</i>
19	<i>14°37.9N</i>	<i>127°20.6W</i>	<i>OVC</i>		<i>10</i>	<i>035</i>	<i>17</i>	<i>1012.5</i>	<i>2-3</i>	<i>070</i>	<i>3-5</i>	<i>27.7</i>	<i>27.0</i>	<i>24.2</i>
20	<i>14°37.5N</i>	<i>127°11.9W</i>	<i>BKN</i>		<i>10</i>	<i>040</i>	<i>18</i>	<i>1013.0</i>	<i>2-3</i>	<i>070</i>	<i>3-5</i>	<i>27.6</i>	<i>27.2</i>	<i>24.5</i>
21	<i>14°37.1</i>	<i>127°02.0</i>	<i>OVC</i>		<i>10</i>	<i>040</i>	<i>18</i>	<i>1013.0</i>	<i>2-3</i>	<i>070</i>	<i>3-5</i>	<i>27.6</i>	<i>26.8</i>	<i>24.5</i>
22	<i>14°36.8</i>	<i>126°53.1</i>	<i>BKN</i>		<i>10</i>	<i>030</i>	<i>19</i>	<i>1013.4</i>	<i>2-3</i>	<i>070</i>	<i>3-5</i>	<i>27.6</i>	<i>26.6</i>	<i>24.3</i>
23	<i>14°36.4</i>	<i>126°44.1</i>	<i>SCT</i>		<i>10</i>	<i>030</i>	<i>17</i>	<i>1013.9</i>	<i>2-3</i>	<i>070</i>	<i>3-5</i>	<i>27.7</i>	<i>26.7</i>	<i>24.5</i>

*\* OOOO TIME ZONE SHIFT -02*

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <u>OKEANOS EXPLORER (R337)</u>						TIME ZONE <u>-8</u>	DAY OF WEEK <u>FRIDAY</u>	DATE (dd mmm yyyy) <u>27 OCT 2017</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	14°36.1N	126°35.0W	SCT		10	030	13	1013.0	2.3	070	3-5	27.6	26.9	23.2
01	14°35.7N	126°25.6W	SCT		10	040	16	1012.9	2.3	070	3-5	27.7	26.8	24.0
02	14°35.3N	126°16.1W	SCT		10	030	13	1012.2	2.3	070	3-5	27.6	26.8	24.0
03	14°34.9N	126°06.9W	SCT		10	025	14	1012.0	2.3	070	3-5	27.6	26.5	24.4
04	14°34.6N	125°57.9W	SCT		10	020	13	1011.9	2-3	065	4-6	27.6	26.5	23.9
05	14°34.2N	125°48.2W	SCT		10	020	15	1012.1	2-3	065	3-5	27.6	26.6	23.9
06	14°33.9N	125°38.7W	SCT		10	030	18	1012.4	2-3	045	3-5	27.6	26.7	24.0
07	14°33.5N	125°29.9W	SCT		10	040	12	1012.9	2-3	045	3-5	27.7	26.8	24.1
08	14°33.1N	125°20.7W	SCT		10	035	13	1013.6	2-3	040	3-5	27.8	27.0	24.3
09	14°32.9N	125°11.8W	SCT		10	020	17	1014.1	2-3	035	3-5	27.9	27.5	24.5
10	14°32.7N	125°03.2W	SCT		10	030	16	1014.1	2-3	025	3-5	27.9	28.0	24.8
11	14°32.4N	124°54.9W	SCT		10	020	18	1013.7	2-3	030	3-5	27.9	28.5	24.8
12	14°32.2N	124°46.3W	SCT		10	025	17	1012.1	2-3	030	3-5	27.8	27.6	26.0
13	14°32.4N	124°44.5W	SCT		10	030	12	1011.8	2-3	030	3-3	27.9	27.6	26.0
14	14°32.8N	124°44.6W	SCT		10	015	15	1010.9	2-3	030	3-5	27.9	27.5	24.5
15	14°32.8N	124°45.2W	SCT		10	045	16	1010.4	2-3	030	3-5	27.9	28.0	25.0
16														
17	14°32.0N	124°39.5W	SCT		10	025	18	1010.5	2-3	055	3-5	27.9	27.5	24.5
18	14°31.7N	124°29.5W	SCT		10	025	18	1011.0	2-3	<del>055</del> 035	3-5	27.9	27.4	24.4
19	14°31.4N	124°19.2W	SCT		10	040	15	1011.9	2-3	<del>050</del>	3-5	27.9	27.4	24.4
20	14°31.2N	124°09.4W	SCT		10	035	19	1012.5	2-3	050	3-5	27.9	27.0	24.0
21	14°30.9N	123°59.4W	SCT		10	040	16	1012.6	2-3	050	3-5	27.9	27.2	24.5
22	14°30.6N	123°49.5W	SCT		10	030	15	1012.7	2-3	050	3-5	28.0	27.2	24.6
23	14°30.3N	123°39.6W	FEW		10	035	16	1012.3	2-3	050	3-5	28.0	27.2	24.8

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <b>OKEANOS EXPLORER (R-337)</b>							TIME ZONE <b>-8</b>	DAY OF WEEK <b>SATURDAY</b>	DATE (dd mmm yyyy) <b>28 OCT 2017</b>					
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	14°30.0 N	123°29.4 W	FEW		10	045	15	1011.6	2-3	050	3-5	28.1	27.5	24.5
01	14°29.8 N	123°19.7 W	FEW		10	050	12	1011.1	2-3	050	3-5	28.1	27.5	24.2
02	14°29.5 N	123°09.7 W	FEW		10	035	14	1010.6	2-3	050	3-5	28.0	27.2	24.5
03	14°29.2 N	122°59.4 W	SCT		10	040	14	1010.2	2-3	050	3-5	28.0	27.2	24.5
04	14°28.9 N	122°49.6 W	SCT		10	050	11	1010.5	2-3	055	3-5	28.0	27.1	24.0
05	14°28.6 N	122°40.1 W	SCT		10	040	12	1011.2	2-3	070	3-5	28.1	27.2	24.0 JM
06	14°28.4 N	122°29.9 W	SCT		10	040	19	1011.0	2-3	050	3-5	27.9	26.9	23.8
07	14°28.1 N	122°19.6 W	SCT		10	035	10	1012.0	2-3	050	3-5	27.9	26.9	23.9
08	14°27.8	122°09.7	SCT		10	025	11	1012.8	1-2	035	3-5	27.9	27.3	24.5
09	14°27.5'	121°59.6'	SCT		10	030	12	1013.3	1-2	000 / 050	4.5 / 3.4	27.7	27.6	24.5
10	14°27.2'	121°49.6'	SCT		10	025	14	1013.1	1-2	010 / 015	4.5 / 3.4	27.9	27.9	24.7
11	14°26.9'	121°39.4'	SCT		10	030	14	1012.5	2-3	345 / 040	4.5 / 3.4	27.8	28.0	25.0
12	14°26.6 N	121°28.9 W	SCT		10	020	13	1011.0	2-3	345 / 040	4.5 / 3.4	27.9	27.0	24.2
13	14°26.5 N	121°26.0 W	SCT		10	025	13	1010.0	2-3	345 / 040	3.4 / 3.4	27.9	27.0	24.2
14	14°26.8 N	121°26.4 W	SCT		10	030	14	1010.0	2-3	040	3-4	27.9	27.2	24.2
15	14°27.1 N	121°26.6 W	SCT		10	025	13	1009.9	2-3	040	3-4	28.0	28.5	25.0
16														
17	14°26.4 N	121°19.2 W	SCT		10	020	18	1010.2	2-3	045	3-5	27.8	27.3	24.3
18	14°26.1 N	121°09.8 W	SCT		10	015	16	1010.8	2-3	050 / 015	3-5	27.7	27.1	24.1
19	14°25.8 N	120°59.5 W	SCT		10	020	15	1011.8	2-3	050	3-5	27.6	27.0	24.0
20	14°25.5'	120°49.3'	SCT		10	030	13	1012.0	2-3	050	3-5	27.7	26.8	24.7
21	14°25.2'	120°38.8'	SCT		10	040	16	1012.5	2-3	050	3-5	27.8	26.7	24.1
22	14°25.0'	120°28.5'	SCT		10	025	16	1012.6	2-3	050	3-5	27.8	26.7	24.1
23	14°24.6'	120°18.3'	SCT		10	025	15	1012.4	2-3	050	3-5	27.8	27.0	24.3

1600 CTD OPS

### DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship **OKEANOS EXPLORER (R337)**      TIME ZONE **-8**      DAY OF WEEK **SUNDAY**      DATE (dd mmm yyyy) **29 OCT 2017** 46

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	14°24.4 N	120°08.0 W	SCT		10	030	12	1011.9	2-3	050	3-5	27.8	27.2	24.0
01	14°24.1 N	119°56.5 W	SCT		10	030	15	1011.2	2-3	050	3-5	28.2	27.2	24.3
02	14°23.8 N	119°47.5 W	SCT		10	025	14	1010.5	2-3	050	3-5	28.3	27.1	24.0
03	14°23.5 N	119°37.2 W	SCT		10	035	13	1010.2	2-3	050	3-5	28.3	27.1	23.8
04	14°23.2 N	119°27.3 W	SCT		10	035	16	1010.3	2-3	050	3-5	28.3	27.0	23.8
05	14°22.9 N	119°17.6 W	SCT		10	025	16	1010.6	2-3	060	3-5	28.3	27.2	24.0
06	14°22.7 N	119°06.7 W	SCT		10	060	13	1010.6	2-3	055	3-5	28.3	27.3	23.5
07	14°22.4 N	118°57.0 W	SCT		10	035	10	1011.4	2-3	045	3-5	28.2	27.4	23.9
08	14°22.1 N	118°46.4 W	SCT		10	060	10	1012.5	2-3	035	3-5	28.2	27.9	24.3
09	14°21.8 N	118°35.9 W	SCT		10	065	8	1013.1	2-3	045	3-5	28.3	28.1	24.5
10	14°21.5 N	118°25.5 W	SCT		10	070	9	1012.9	2-3	<del>045</del> 340	<del>3-4</del> 4-6	28.4	28.0	24.5
11	14°21.2 N	118°14.9 W	SCT		10	060	10	1012.4	1-2	<del>055</del> 350	<del>3-4</del> 5-6	28.4	28.4	25.0
12	14°20.9 N	118°04.6 W	SCT		10	050	10	1010.1	1-2	<del>055</del> 350	<del>3-4</del> 5-6	28.5	27.5	24.0
13	14°20.7 N	118°02.1 W	SCT		10	045	8	1010.1	1-2	030	4-5	28.5	28.5	24.2
14	14°21.1 N	118°02.1 W	SCT		10	070	9	1010.0	1-2	030	4-5	28.6	30.0	26.0
15	14°21.3 N	118°02.3 W	SCT		10	068	8	1010.0	1-2	030	4-5	28.5	31.9	27.0
16														*
17	14°20.7 N	117°56.1 W	SCT		10	055	11	1010.2	1-2	045	3-5	28.5	28.0	24.5
18	14°20.4 N	117°44.9 W	SCT		10	065	9	1010.8	2-3	045	<del>3-4</del> 3-5	28.5	27.6	24.3
19	14°20.0 N	117°33.8 W	SCT		10	080	11	1010.0	2-3	045	3-4	28.5	27.0	24.3
20	14°19.8 N	117°23.8 W	SCT		10	060	10	1012.4	2-3	045	3-4	28.4	27.2	24.5
21	14°19.5 N	117°13.0 W	SCT		10	055	10	1012.8	2-3	045	3-4	28.3	27.2	24.6
22	14°19.2 N	117°02.3 W	SCT		10	055	11	1012.9	2-3	045	3-4	28.2	27.0	24.7
23	14°18.9 N	116°51.7 W	FEW		10	055	10	1012.6	2-3	045	3-4	28.2	26.9	24.1

\*1600 CTD OBS

### DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship **OKEANOS EXPLORER (R 337)** TIME ZONE **-8** DAY OF WEEK **MONDAY** DATE (dd mmm yyyy) **30 OCT 2017**

TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE N	LONGITUDE W				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	14°18.6 N	116°40.9 W	SCT		10	0600	8	1012.0	2-3	045	3-4	28.2	27.5	24.5
01	14°18.3 N	116°30.2 W	SCT		10	050	8	1011.5	2-3	045	3-4	28.4	27.2	24.2
02	14°17.9 W	116°20.0 W	SCT		10	052	8	1011.0	2-3	045	3-4	28.5	27.1	24.0
03	14°17.7 W	116°09.5 W	SCT		10	050	9	1010.9	2-3	045	3-4	28.5	27.2	24.1
04	14°17.4 <sup>N</sup> W	115°59.1 W	<del>SCT</del> FEW		10	025	10	1010.9	2-3	045	3-4	28.5	27.0	23.9
05														*
06	14°17.1 N	115°48.4 W	SCT		10	035	9	<del>1011.0</del> 1011.0	2-3	320	3-4	28.4	27.1	23.6
07	14°16.8 N	115°38.2 W	SCT		10	035	11	1011.4	2-3	320	3-4	28.5	27.1	23.8
08	14°16.5'	115°27.3'	SCT		10	025	12	1012.4	1-2	350	4-5	28.6	27.5	24.0
09	14°16.2	115°17.1	SCT		10	040	12	1012.9	1-3	<del>160</del> 000	4-5	28.5	28.0	24.1
10	14°15.9	115°06.7	SCT		10	035	12	1013.5	2-3	<del>170</del> 350	4-5	28.6	27.6	24.0
11	14°15.6	114°56.1	SCT	CS AC CU	10	040	13	1012.7	2-3	145 300	4-5	28.5	28.3	24.3
12	14°15.3 N	114°46.4	SCT		10	060	11	1011.8	2-3	<del>145</del> 300	4-5	28.5	27.5	24.0
13	14°15.5 N	114°44.2 W	SCT		10	060	12	1010.3	2-3	070	4-5	28.6	27.9	24.2
14	14°15.0 N	114°44.4 W	SCT		10	050	12	1004.9	2-3	070	5-6	28.6	28.1	24.5
15	14°16.1 N	114°44.6 W	SCT		10	070	10	1008.5	2-3	<del>070</del> 300	5-6	28.6	28.2	24.5
16														*
17	14°15.1 N	114°37.1 W	SCT		10	060	13	1009.5	2-3	<del>045</del> 000	5-6	28.5	27.8	23.7
18	14°14.8 N	114°27.1 W	SCT		10	065	14	1010.4	2-3	<del>055</del> 010	5-6	28.7	27.8	23.6
19	14°14.5 N	114°17.1 W	SCT		10	055	13	1010.9	2-3	<del>060</del> 020	5-6	28.8	27.7	23.6
20	14°14.2'	114°06.2'	FEW		10	065	12	1011.5	2-3	060 000	5-6	28.7	27.5	24.0
21	14°13.9'	113°56.1'	SCT		10	065	11	1012.1	2-3	<del>060</del> 020	5-6	29.0	27.6	24.3
22	14°13.6	113°45.7	SCT		10	075	15	1012.2	2-3	<del>060</del> 020	5-6	28.9	27.7	23.8
23	14°13.4 N	113°35.7 W	SCT		10	050	12	1012.1	1-3	060 020	4-6	28.9	27.7	24.0

\* 0500 TIME ZONE SHIFT TO **-7** UTC  
\* 1600 CTD OPS

### DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship <b>OKEANOS EXPLORER (R337)</b>							TIME ZONE <b>-7</b>	DAY OF WEEK <b>TUESDAY</b>	DATE (dd mmm yyyy) <b>31 OCT 2017</b>						
TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)			
	LATITUDE <b>N</b>	LONGITUDE <b>W</b>				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB	
00	14°13.1N	113°25.2W	SCT		10	060	13	1011.4	1-3	060/020	4-6	28.9	27.7	23.2	BP
01	14°12.8N	113°14.6W	SCT		10	050	11	1010.1	1-3	060/020	4-6	28.8	27.9	23.8	
02	14°12.5N	113°04.3W	SCT		10	055	10	1010.7	1-3	060/020	4-6	28.9	27.8	23.9	
03	14°12.2N	112°54.4W	SCT		10	045	9	1010.0	1-3	060/020	4-6	28.9	27.9	24.0	
04	14°11.9N	112°44.2W	SCT		10	060	10	1010.5	1-3	060/020	4-6	28.8	27.7	23.5	
05	14°11.6N	112°33.6W	SCT		10	050	11	1010.5	1-3	060/020	4-6	28.7	27.8	23.9	
06	14°11.3N	112°23.3W	SCT		10	035	11	1010.5	1-3	045/030	4-6	28.8	27.9	24.9	JM
07	14°11.0N	112°12.9W	SCT		10	030	11	1011.5	1-3	040/030	4-6	28.7	28.0	24.0	
08	14°10.8	112°03.1	SCT	caul	10	030	13	1012.2	1-3	030/060	4-6	28.7	28.0	24.8	
09	14°10.5	111°52.3	SCT		10	025	14	1012.4	1-3	350/150	3-4/4-6	28.7	28.5	25.0	
10	14°10.2	111°41.8	SCT		10	025	13	1012.5	1-3	020/150	3-4/4-6	28.7	29.1	24.6	
11	14°09.8N	111°30.4W	SCT		10	020	15	1012.3	1-3	020/150	3-4/5-6	28.7	29.2	25.5	
12	14°09.6N	111°21.4W	SCT		10	015	15	1010.0	1-3	020/150	3-4/5-6	29.3	28.1	24.5	
13	14°09.7N	111°18.9W	SCT		10	030	11	1010.0	1-3	010	3-5	29.2	29.0	25.2	
14	14°09.8N	111°19.4W	SCT		10	025	10	1009.1	1-3	010	3-5	29.2	30.0	25.8	
15	14°09.9N	111°19.6W	SCT		10	030	9	1008.5	1-3	010	3-5	29.3	30.3	25.8	
16															* JM
17	14°09.1N	111°11.6W	SCT		10	010	10	1008.9	1-3	345	3-5	29.3	28.6	24.5	JM
18	14°07.7N	111°00.6W	SCT		10	045	7	1009.0	1-3	330	3-4	29.5	27.5	24.5	JM
19	14°06.4N	110°57.6W	SCT		10	065	12	1009.8	1-3	340	3-4	29.5	28.0	25.0	
20	14°04.9	110°40.6	SCT		10	040	10	1010.6	1-3	130/350	3-5/3-7	29.4	28.1	25.0	
21	14°03.5	110°30.3	SCT		10	040	9	1010.8	1-3	130/350	3-5/3-7	29.4	28.1	25.1	
22	14°02.0	110°19.6	SCT		10	035	9	1010.9	1-3	150/350	3-5	29.3	28.1	25.1	
23	14°0.5N	110°09.1W	SCT		10	030	12	1011.2	1-3	030/330	3-4/3-5	29.3	28.2	25.5	BY

\* 1600 CTD OPS

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship		OKEANOS EXPLORER (R-337)							TIME ZONE	DAY OF WEEK	DATE (dd mmm yyyy)				
									-7	WEDNESDAY	01 NOV 2017				
TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)			
	LATITUDE	LONGITUDE				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB	
00	13°59.1 N	109°58.5 W	SCT		10	045	9	1010.7	1-2	<del>030</del> 330	3-4	29.3	28.5	25.0	
01	13°57.6 N	109°47.8 W	SCT		10	040	7	1010.0	1-2	<del>030</del> 330	3-4	29.3	28.5	23.8	
02	13°50.2 N	109°39.6 W	SCT		10	355	7	1009.0	1-2	<del>030</del> 380	3-4	29.4	28.3	25.2	
03	13°54.8 N	109°27.0 W	SCT		10	010	7	1009.0	1-2	<del>030</del> 330	3-4	29.4	28.5	25.2	
04	13°53.4 N	109°17.5 W	SCT		10	055	11	1008.5	1-2	<del>030</del> 330	3-4	29.4	28.6	25.6	
05	13°52.0 N	109°07.2 W	SCT		10	060	10	1008.8	1-2	<del>030</del> 330	3-4	29.5	28.5	25.9	
06	13°56.5 N	108°55.9 W	SCT		10	015	10	1008.6	1-2	060	3-4	29.6	28.5	25.8	
07	13°49.8 N	108°45.2 W	OVC		10	045	13	1008.9	1-2	060	3-4	29.5	28.8	26.0	
08	13°47.8 N	108°36.5 W	BKN		8-10	075	16	1008.9	1-2	050	3-4	29.6	28.4	27.0	
09	13°46.5 N	108°26.8 W	BKN		10	180	18	1010.1	3-4	100	5-6	29.5	27.3	26	
10	13°45.1 N	108°17.2 W	BKN		10	150	15	1010.8	2-3	110	4-5	29.5	29.5	26.7	
11	13°43.8 N	108°07.1 W	SCT		10	140	19	1010.6	2-3	110	5-6	29.5	29.2	26.5	
12	13°42.5 N	107°57.8 W	SCT		10	145	14	1009.0	2-3	110	5-6	29.6	29.1	25.5	
13	13°41.0 N	107°47.3 W	SCT		10	140	11	1008.5	2-3	110	5-6	29.6	29.1	26.0	
14	13°39.6 N	107°36.9 W	SCT		10	145	12	1007.8	2-3	110	4-5	—	29.2	27.0	
15	13°38.1 N	107°26.5 W	SCT		10	130	9	1006.8	2-3	110	4-5	29.6	29.1	26.0	
16	13°36.8 N	107°16.9 W	SCT		10	125	10	1007.5	2-3	110	4-5	29.6	29.2	25.8	
17	13°35.4 N	107°06.8 W	SCT		10	120	9	1007.9	2-3	120	4-5	29.6	29.1	25.8	
18	13°34.0 N	106°56.4 W	SCT		10	110	8	1008.9	2-3	120	3-4	29.6	28.9	25.9	
19	13°32.6 N	106°46.0 W	OVC		10	110	9	1010.1	2-3	080	3-4	29.7	28.8	26.0	
20	13°31.2 N	106°35.9 W	BKN		10	120	6	1011.0	0-1	080	3-4	29.7	28.6	26.1	
21	13°29.7 N	106°25.6 W	BKN		10	100	LT	1011.8	1-2	<del>170</del> 080	3-4	29.6	28.5	26.2	
22	13°28.4 N	106°15.5 W	SCT	ci cn	10	090	LT	1011.7	1-2	170/080	3-4	29.5	28.2	26.4	
23	13°27.0 N	106°05.6 W	SCT		10	190	15	1011.8	1-2	080	3-4	29.5	27.0	26.2	

\*1900 LIGHTNING WITHIN SIGHT OF SHIP



### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <b>OKEANOS EXPLORER (R-337)</b>					TIME ZONE <b>-7</b>	DAY OF WEEK <b>THURSDAY</b>	DATE (dd mmm yyyy) <b>02 NOV 2017</b>							
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	13°23.7 N	105°56.5W	BKN	LTG	10	120	11	1011.0	1-2	080	3-4	29.4	28.1	26.2
01	13°20.3 N	105°47.2W	BKN	LTG	10	120	10	1010.2	1-2	080	3-4	29.2	28.1	26.2
02	13°17.0 N	105°38.3 W	SCT	RA	10	125	10	1010.0	1-2	080	3-4	29.3	28.1	26.2
03	13°13.8 N	105°29.7W	<del>BKN</del> OVC	RA	10	125	9	1010.0	1-2	080	3-4	29.4	28.5	25.9
04	13°10.6 <sup>N</sup> <del>W</del>	105°20.9W	BKN		10	175	6	1010.4	1-2	080	4-5	29.5	27.0	25.6
05	13°07.4 N	105°12.4 W	SCT		10	115	9	1010.5	1-2	080	4-5	29.6	27.3	25.0
06	13°04.1 N	105°03.5 W	<del>BKN</del> SCT	RA	10	105	8	1010.4	1-2	100	4-5	29.4	28.0	25.5
07	13°00.7 N	104°54.1 W	BKN		10	095	7	1010.6	1-2	080	4-5	29.5	27.5	25.0
08	12°57.4	104°45.3	BKN	<sup>SE</sup> <sub>CS</sub>	10	070	7	1011.9	1-2	080	4-5	29.5	27.7	26.2
09	12°54.0	104°36.0	BKN		10	120	17	1012.6	2-4	080	5-7	29.3	27.8	26.3
10	12°50.9	104°27.3	BKN		10	120	18	1012.7	2-4	080	5-6	29.4	28.7	26.5
11	12°47.5	104°18.4	SCT		10	115	20	1011.9	2-4	110	5-6	29.3	28.0	26.3
12	12°44.5 N	104°10.2W	SCT		10	145	13	1010.3	2-4	110	5-6	29.2	27.9	25.8
13	12°44.4 N	104°08.3 W	BKN		10	175	17	1010.3	2-4	110	5-6	29.3	28.2	26.1
14	12°44.9 N	104°08.2 W	BKN	DZ	10	190	14	1010.0	2-4	110	5-6	29.3	28.2	26.3
15	12°45.5 N	104°08.2 W	SCT		10	165	12	1010.0	2-4	110	5-6	29.3	28.2	26.3
16														
17	12°41.8 N	104°03.0 W	SCT		10	160	12	1010.9	2-4	155	5-6	29.3	28.0	26.2
18	12°38.2 N	103°53.3 W	BKN		10	160	10	1011.8	2-4	180	5-6	29.3	28.2	25.9
19	12°35.1 N	103°44.7 W	FEW		10	180	10	1012.5	2-4	150	6-7	29.3	28.1	26.0
20	12°31.6'	103°35.3'	SCT		10	200	7	1013.9	1-2	150	5-6	29.3	28.2	26.0
21	12°28.0'	103°25.6'	FEW		10	180	4	1014.0	1-2	140	5-7	29.2	28.0	25.6
22	12°24.5'	103°16.2'	FEW		10	VAR	LT	1014.1	1-2	135	5-7	29.1	28.1	25.7
23	12°21.0	103°06.7	FEW		10	VAR	LT	1014.0	1-2	150	6-7	29.2	27.9	25.6

\*1600 CTD OPS

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <b>OKEANOS EXPLORER (R-337)</b>		TIME ZONE <b>-7</b>	DAY OF WEEK <b>FRIDAY</b>	DATE (dd mmm yyyy) <b>NOV 03 2017</b>										
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	12°17.5 N	102°57.2 W	FEW		10	VAR	LT	1013.0	1-2	150	6-7	29.2	28.2	25.5
01	12°13.9 N	102°47.4 W	SCT		10	VAR	LT	1012.3	1-2	150	6-7	29.1	27.9	26.0
02	12°10.3 N	102°37.9 W	SCT		10	130	4	1012.2	1-2	150	6-7	29.0	27.8	26.0
03	12°06.9 N	102°28.6 W	BKN	RA	10	070	8	1011.9	1-2	150	6-7	29.1	27.8	26.1
04	12°03.4 N	102°19.2 W	BKN	LTG	10	070	12	1011.8	1-2	070	6-7	28.9	28.4	25.4
05	12°00.0 N	102°09.7 W	SCT	LTG	10	080	14	1012.1	1-2	080	6-7	28.9	28.5	25.5
06	11°56.5 N	102°04.5 W	SCT	T	10	055	14	1012.0	2-3	<del>100</del> 070	6-7	28.9	28.5	25.5
07	11°53.1 N	101°51.4 W	SCT		10	075	12	1013.1	2-3	<del>100</del> 070	6-7	29.0	28.5	25.5
08	11°49.6 N	101°42.1 W	SCT		10	070	13	1013.8	2-3	<del>140</del> 090	6-7	28.9	28.8	26.3
09	11°46.3 N	101°33.0 W	SCT		10	070	12	1014.7	2-3	<del>140</del> 090	6-7	29.0	29.0	26.5
10	11°42.8 N	101°23.8 W	SCT		10	070	11	1014.1	2-3	140	5-6	29.0	29.9	27.0
11	11°39.5 N	101°14.8 W	SCT	cu	10	065	12	1013.8	2-3	180	5-6	29.0	29.4	26.7
12	11°36.2 N	101°05.8 W	SCT		10	080	13	1011.9	2-3	130	5-6	29.1	28.5	26.0
13	11°32.0 N	100°54.9 W	SCT		10	070	12	1011.2	2-3	130	5-6	29.1	28.5	26.0
14	11°29.4 N	100°47.6 W	FEW		10	075	13	1010.3	2-3	130	5-6	29.1	28.2	26.0
15	11°26.1 N	100°38.7 W	SCT		10	075	12	1010.0	2-3	130	5-6	29.0	28.2	26.0
16	11°22.8 N	100°29.7 W	SCT		10	065	9	1010.5	2-3	<del>130</del> 080	5-6	28.7	28.1	25.9
17	11°19.4 N	100°20.6 W	SCT		10	070	8	1010.0	2-3	130	5-6	28.6	28.2	25.9
18	11°16.0 N	100°11.4 W	FEW		10	060	10	1011.5	2-3	<del>130</del> 080	5-6	28.4	28.1	26.0
19	11°12.6 N	100°02.3 W	FEW		10	065	11	1011.8	2-3	<del>130</del> 080	4-5	28.3	28.1	26.0
20	11°09.3 N	099°53.7 W	FEW		10	060	10	1012.2	1-2	<del>210</del>	5-6	28.1	28.0	26.5
21	11°05.9 N	099°44.2 W	FEW		10	060	12	1013.0	2-3	170	5-6	28.1	27.7	26.6
22	11°02.7 N	099°34.8 W	SCT		10	060	13	1012.8	2-3	160	5-6	28.0	27.5	26.7
23	10°59.0 N	099°25.9 W	SCT		10	070	13	1012.8	2-3	120	5-6	27.9	27.5	26.6

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <b>OKEANOS EXPLORER (R-237)</b>								TIME ZONE <b>-7</b>	DAY OF WEEK <b>SATURDAY</b>	DATE (dd mmm yyyy) <b>04 NOV 2017</b>				
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	10°55.6 N	099°16.7 W	BKN		10	070	10	1012.0	2-3	120	5-6	27.9	27.8	26.2
01	10°52.0 N	099°07.0 W	SCT		10	060	9	1011.2	2-3	120	5-6	27.9	27.8	26.2
02	10°48.5 N	098°57.6 W	SCT		10	060	10	1010.9	2-3	120	5-6	27.8	27.5	26.0
03	10°45.1 N	098°48.4 W	SCT		10	060	10	1010.9	2-3	120	5-6	27.7	27.5	26.0
04	10°41.5 N	098°38.9 W	SCT		10	060	8	1011.0	2-3	120	5-6	27.5	27.1	26.0
05	10°37.9 N	098°29.1 W	SCT		10	060	9	1010.5	2-3	150	5-6	27.4	27.1	26.0
06	10°34.3 N	098°19.5 W	SCT		10	060	8	1011.5	2-3	150	5-6	27.2	27.4	26.0
07	10°31.3 N	098°10.5 W	SCT		10	060	7	1012.2	2-3	150	5-6	27.4	27.5	26.1
08	10°28.2'	098°00.9'	SCT		10	025	10	1013.0	1-2	140	5-6	27.7	28.1	26.7
09	10°25.0'	097°51.3'	SCT		10	025	10	1013.3	1-2	130	4-5	27.9	28.6	27.0
10	10°21.9'	097°41.6'	SCT		10	070	7	1012.6	1-2	155	4-6	28.1	29.0	27.0
11	10°18.7'	097°31.8'	SCT		10	070	4	1012.1	1-2	130	4-6	28.2	29.0	27.0
12	10°15.7 N	097°22.5 W	BKN		10	080	5	1011.2	1-2	130	4-6	28.2	28.0	26.0
13	10°14.5 N	097°19.9 W	BKN		10	080	2	1010.1	1-2	130	4-6	28.3	28.5	26.5
14	10°14.4 N	097°19.8 W	SCT		10	LT	VAR	1009.3	1-2	130	4-6	—	28.5	26.5
15	10°14.2 N	097°19.7 W	BKN		10	035	4	1009.0	1-2	130	4-6	28.5	29.0	26.5
16														X <sub>1</sub> JM
17	10°13.1 N	097°14.5 W	BKN HZ		10	060	3	1010.0	1-2	155	4-5	28.4	28.5	26.0
18	10°09.8 N	097°04.5 W	OVC	LTC; HZ	10	050	3	1010.9	1-2	155	4-5	28.3	28.2	26.2
19	10°06.7 N	096°54.9 W	OVC	LTC; HZ	10	090	7	1012.0	1-2	155	4-6	28.2	28.1	26.5
20	10°03.5	096°45.2	OVC	LTC; RN	10	005	16	1012.5	2-3	160	4-6	28.2	29.8	23.6
21	10°00.2	096°34.9	OVC	LTC	10	030	5	1012.6	1-2	190	4-6	28.3	25.8	24.8
22	09°57.0	096°25.1	OVC		10	015	5	1011.7	1-2	200	4-6	28.2	26.0	24.9
23	09°53.7	096°15.1	OVC		10	025	4	1011.7	1-2	190	4-6	28.3	26.1	25.0

\*1600 CTD OPS

### DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship <b>OKEANOS EXPLORER (R337)</b>							TIME ZONE <b>-7</b>	DAY OF WEEK <b>SUNDAY</b>	DATE (dd mmm yyyy) <b>05 NOV 2017</b>					
TIME	POSITION		SKY CON- DITION	PRESENT WEATHER	VISI- BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE <b>N</b>	LONGITUDE <b>W</b>				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	09°50.5 N	096°05.1 W	OVC		10	330	1-3	1010.5	1-2	190	4-6	28.4	26.9	25.2
01	09°47.2 N	095°55.1 W	OVC		10	VAR	LT	1010.2	1-2	190	4-6	28.4	26.9	25.3
02	09°43.9 N	095°44.9 W	SCT		10	VAR	LT	1010.0	1-2	190	4-6	28.1	26.5	24.5
03	09°40.6 N	095°34.9 W	SCT		10	VAR	LT	1010.0	1-2	190	4-6	27.9	26.5	24.5
04	09°37.1 N	095°23.9 W	SCT		10	VAR	LT	1010.8	1-2	190	4-6	28.0	27.0	25.5
05	09°33.6 N	095°13.3 W	SCT		10	VAR	LT	1011.4	1-2	190	4-6	27.8	26.9	25.4 JM
06	09°29.9 N	095°01.9 W	SCT		10	VAR	LT	1010.6	1-2	190	4-6	27.9	27.5	25.5
07	09°26.7 N	094°52.1 W	SCT		10	240	5	1011.2	1-2	190	4-6	28.0	27.5	25.5
08	09°23.2'	094°41.4'	CLR		10	240	5	1012.5	1-2	180	5-7	28.0	27.7	25.6
09	09°19.7'	094°30.5'	FEW		10	270	3	1012.8	1-2	155	5-7	28.0	28.0	26.2
10	09°16.1'	094°19.6'	FEW		10	270	LT	1012.5	1-2	<del>170</del> <sup>240</sup>	<del>5-7</del> <sup>4-5</sup>	28.0	28.1	26.1
11	09°12.5	094°08.4	FEW		10	300	5	1011.6	0-1	145	5-7	27.9	28.8	26.5
12	09°09.1 N	093°58.1 W	FEW		10	290	3	1010.2	0-1	145	5-7	27.9	28.0	25.8
13	09°05.4 N	093°46.7 W	FEW		10	320	4	1009.2	0-1	145	5-7	27.9	28.0	25.5
14	09°01.4 N	093°34.4 W	FEW		10	345	5	1008.9	0-1	145	5-7	27.9	28.0	25.5
15	08°57.6 N	093°22.9 W	FEW		10	000	8	1008.9	0-1	145	5-7	28.1	28.0	25.8
16	08°54.7 N	093°12.7 W	SCT		10	010	10	1009.1	1-2	<del>145</del>	4-5	28.3	28.2	25.6 JM
17	08°52.0 N	093°03.2 W	SCT		10	015	11	1009.9	1-2	190	4-5	28.3	28.2	25.9
18	08°49.1 N	092°52.9 W	OVC	RN; LTB	10	010	7	1010.7	1-2	190	4-5	28.0	28.1	26.0
19	08°46.3 N	092°43.2 W	OVC	LTG	10	044	13	1011.9	1-2	190	4-5	28.0	28.1	26.0
20	08°43.9'	092°34.4'	BKN	LTG	10	045	12	1012.1	1-3	<del>320</del> <sup>000</sup>	4-5	28.2	26.3	25.5
21	08°41.2'	092°24.9'	BKN		10	080	13	1012.3	1-3	080	4-5	28.2	27.0	25.8
22														
23	08°38.6'	092°15.7'	BKN		10	130	10	1012.3	1-3	CONF	4-5	28.0	26.9	25.5

TIME ZONE CHANGE - 2200 BECAME 2300

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANGS EXPLORER (R237)							TIME ZONE -6	DAY OF WEEK MONDAY	DATE (dd mmm yyyy) 06 NOV 2017					
TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE N	LONGITUDE W				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	08°35.8 N	092°05.9 W	BKN		10	160	11	1011.3	1-3	CONF	4-5	27.9	26.9	25.5
01	08°33.3 N	091°56.0 W	BKN		10	150	9	1011.0	1-3	CONF	4-5	27.9	26.9	25.3
02	08°30.5 N	091°46.7 W	SCT		10	160	10	1010.1	1-3	090	4-5	27.8	26.9	25.0
03	<del>08°35</del> <sup>27.8</sup> N	091°37.2 W	FEW		10	170	12	1010.0	1-3	090	4-5	27.6	26.5	25.0
04	08°24.9 N	091°27.0 W	FEW		10	190	13	1010.0	1-3	090	4-5	27.6	26.6	25.1
05	08°21.9 N	091°16.4 W	FEW		10	200	12	1010.4	1-3	090	4-5	27.7	26.5	25.0
06	08°19.3 N	091°07.0 W	FEW		10	190	8	1011.1	1-3	170	4-5	27.6	26.8	25.5
07	08°16.3 N	090°56.3 W	FEW		10	180	8	1011.8	1-3	170	4-5	27.5	27.0	25.4
08	08°13.5 N	090°46.4 W	SCT		10	200	6	1012.3	1-3	160	4-5	27.4	27.5	25.5
09	08°12.0	090°36.0	SCT		10	180	6	1013.3	1-3	160	4-5	27.6	27.1	25.5
10	08°10.5	090°25.4	SCT		10	180	11	1013.2	2-3	170	4-6	27.7	27.2	26.0
11	08°09.0	090°14.9	SCT		10	200	10	1012.8	1-3	155	4-6	27.7	27.2	25.5
12	08°07.6 N	090°04.7 W	SCT		10	195	7	1011.3	1-3	155	4-6	27.7	28.1	25.9
13	08°05.9 N	089°52.6 W	SCT		10	180	11	1011.0	1-3	155	4-6	27.9	28.0	25.5
14	08°04.5 N	089°43.0 W	SCT		10	200	10	1009.9	1-3	160	4-6	27.9	28.0	25.6
15	08°02.4 N	089°31.9 W	BKN	KA	10	185	11	1009.5	1-3	160	4-6	28.0	27.5	25.5
16	08°01.8 N	089°21.5 W	BKN	RA	10	245	9	1009.5	1-3	210	4-6	27.8	26.0	25.5
17	08°00.1 N	089°11.4 W	BKN		10	205	14	1009.2	1-3	200	4-6	—	26.5	25.1
18	07°58.5 N	089°00.1 W	BKN		10	215	12	1010.5	1-3	200	4-6	27.5	26.5	25.2
19	07°57.1 N	088°50.2 W	BKN		10	220	12	1011.0	1-3	200	4-6	27.2	26.6	25.1
20	07°55.5	088°39.4	BKN	DZ-	10	235	13	1012.0	1-3	200	4-6	27.1	26.6	25.3
21	07°54.1	088°29.1	SCT		10	220	10	1012.2	1-3	170	4-6	26.9	26.6	25.2
22	07°52.6	088°18.7	SCT		10	215	10	1012.2	1-3	170	4-6	26.2	26.2	25.3
23	07°51.2	088°08.9	SCT		10	235	10	1012.0	1-3	160	4-6	26.3	26.1	25.1

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <b>OKEANOS EXPLORER (R 337)</b>								TIME ZONE <b>-6</b>	DAY OF WEEK <b>TUESDAY</b>	DATE (dd mmm yyyy) <b>07 NOV 2017</b>				
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	07°49.8 N	087°58.6 W	SCT	LTC, DZ	10	250	10	1011.2	1-3	160	4-6	26.3	25.9	25.0
01	07°48.3 N	087°48.4 W	SCT	LTC	10	255	13	1010.2	1-3	160	4-6	26.4	26.0	25.1
02	07°46.8 N	087°37.5 W	BKN		10	250	10	1010.0	1-3	160	4-6	26.8	26.0	25.0
03	07°45.5 N	087°27.9 W	SCT		10	260	8	1009.3	1-3	160	4-6	26.8	26.0	25.2
04	07°43.8 N	087°16.2 W	SCT	LTC	10	215	7	1009.6	1-3	160	4-6	26.7	25.8	25.4
05	07°42.3 N	087°05.3 W	SCT	LTC	10	220	9	1010.0	1-3	180	4-6	—	25.8	25.0
06	07°40.5 N	086°52.8 W	SCT	LTC	10	220	12	1010.0	1-3	180	4-6	27.4	26.0	25.2
07	07°39.3 N	086°43.9 W	OVC		10	215	13	1010.5	1-3	180	4-6	27.2	26.0	25.2
08	07°37.7 N	086°32.8 W	OVC		10	200	16	1012.0	1-3	200	4-5	27.3	26.0	25.1
09	07°36.2 N	086°22.0 W	OVC	RA	10	195	14	1012.3	1-3	180	4-5	27.3	25.5	24.5
10	07°34.7 N	086°11.1 W	BKN		10	220	15	1012.0	2-3	190	4-6	27.3	25.6	25.0
11	07°33.4 N	085°59.9 W	SCT		10	230	15	1011.5	2-4	190	4-6	27.3	26.3	25.2
12	07°32.2 N	085°50.0 W	SCT		10	235	13	1010.1	2-4	190	4-6	27.4	27.1	25.8
13	07°30.6 N	085°												*
14	07°29.3 N	085°25.3 W	BKN	RA	10	255	13	1008.0	2-4	190	4-6	27.5	27.1	25.5
15	07°27.9 N	085°14.2 W	BKN	RA	10	230	12	1007.5	2-4	190	4-6	27.6	27.0	25.5
16	07°26.4 N	085°03.4 W	BKN		10	240	15	1007.6	2-4	220	4-6	27.5	27.1	25.7
17	07°25.2 N	084°51.2 W	BKN		10	230	12	1007.2	2-4	220	4-6	27.4	26.9	25.6
18	07°23.9 N	084°40.4 W	BKN		10	250	14	1008.9	2-4	220	4-6	27.4	26.5	25.8
19	07°22.5 N	084°29.3 W	FEW	LTC	10	260	12	1009.9	1-3	220	4-6	27.5	26.5	25.0
20	07°21.2 N	084°18.0 W	SCT	LTC	10	265	15	1010.5	1-3	220	4-6	27.4	26.2	25.7
21	07°19.8 N	084°06.9 W	SCT	LTC	10	260	17	1010.6	1-3	220	4-6	27.5	26.4	25.7
22	07°18.5 N	083°56.0 W	SCT	LTC	10	255	12	1010.7	1-3	170	4-6	27.6	26.7	25.8
23	07°17.1 N	083°45.1 W	OVC		10	245	14	1010.5	1-3	205	4-6	27.7	26.7	25.5

**R1300 DRILLS**

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <b>OKEANOS EXPLORER (R 337)</b>							TIME ZONE <b>-6</b>	DAY OF WEEK <b>WEDNESDAY</b>	DATE (dd mmm yyyy) <b>08 NOV 2017</b>					
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	07°15.9 N	083°34.9 W	OVC		10	245	13	1009.0	1-3	205	4-6	27.7	26.8	26.0
01	07°14.4 N	083°22.6 W	BKN		10	250	12	1010.0	1-3	205	4-6	27.8	26.8	25.6
02	07°12.5 N	083°12.7 W	BKN		10	240	14	1007.5	1-3	205	4-6	27.9	26.9	25.5
03	07°09.9 N	083°04.3 W	BKN		10	270	12	1007.3	1-3	205	4-6	27.9	27.0	26.0
04	07°06.9 N	082°53.7 W	BKN		10	260	12	1007.8	1-3	205	4-5	27.7	26.1	25.4
05	07°03.8 N	082°43.1 W	BKN	RA	10	200	10	1008.0	1-3	205	4-5	27.8	25.0	24.5
06	07°00.6 N	082°32.5 W	OVC	RA	10	260	12	1007.9	1-3	210	4-5	27.7	25.0	24.8
07	06°57.3 N	082°21.1 W	OVC		10	250	11	1009.2	1-3	210	4-5	27.8	26.2	25.8
08	06°54.6 N	082°12.1 W	SCT		10	255	9	1010.3	1-3	190	4-5	27.8	27.0	25.5
09	06°52.3 N	082°02.2 W	OVC		10	240	12	1011.0	2-3	215	4-6	27.9	26.7	25.8
10	06°49.9 N	081°51.7 W	OVC	DZ	10	270	12	1010.8	1-3	165	4-5	28.0	25.9	25.3
11	06°47.8 N	081°42.3 W	OVC		10	190	10	1010.5	1-3	200	3-4	28.0	25.1	24.9
12	06°45.5 N	081°32.5 W	OVC		10	230	10	1008.3	1-3	200	3-4	27.9	26.2	25.2
13	06°45.1 N	081°31.0 W	OVC		10	210	13	1007.9	1-3	210	3-4	27.9	25.9	24.9
14														*
15	06°44.6 N	081°30.6 W	OVC	DZ	10	220	12	1006.5	1-3	210	3-4	27.9	25.9	24.3
16	06°45.6 N	081°23.1 W	OVC		10	230	12	1007.8	1-3	210	3-4	<del>27.9</del> *	26.2	25.1
17	06°45.7 N	081°13.4 W	OVC		10	220	10	1007.9	1-3	215	3-4	<del>27.9</del> *	26.3	24.9
18	06°45.8 N	081°03.2 W	OVC	LTC	10	230	9	1008.5	1-3	215	3-4	<del>27.9</del> *	26.0	25.0
19	06°46.0 N	080°52.9 W	OVC	LTC	10	240	12	1009.5	1-3	215	3-4	27.9	26.2	25.2
20	06°46.1 N	080°43.1 W	OVC		10	230	13	1011.0	1-3	215	3-4	27.8	25.8	25.2
21	06°46.2 N	080°33.0 W	OVC	LTC	10	245	13	1010.1	1-3	215	3-4	27.8	25.9	25.3
22	06°46.4 N	080°22.5 W	BKN	LTC	10	230	10	1010.1	1-3	215	3-4	27.7	26.1	25.1
23	06°47.4 N	080°13.2 W	OVC	LTC	10	235	13	1009.8	1-3	215	3-4	28.1	26.2	25.0

\* 1400 CTD OPS \* 1600 SCS DOWN THRU 1800

### DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship		OKEANOS EXPLORER (R-337)							TIME ZONE	DAY OF WEEK	DATE (dd mmm yyyy)				
									-6	THURSDAY	09 NOV 2017				
TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)			
	LATITUDE N	LONGITUDE W				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB	
00	06°54.4N	079°04.6W													
01	06°59.2N	079°05.4W	BKN	DE	10	240	14	1008.0	1-3	210	3-4	28.2	25.5	24.8	
02	07°05.3N	079°09.9W	OVC	RA	10	225	12	1007.9	1-3	210	3-4	28.1	25.5	25.0	
03	07°11.7N	079°42.9W	OVC	RA	10	230	10	1007.9	0-1	210	2-3	28.1	25.5	25.0	
04	07°19.5N	079°33.2W	OVC	RA	7*	145	10	1008.5	1-2	210	2-3	27.6	24.5	24.5	
05	07°24.4N	079°26.2W	OVC	RA	7	080	10	1009.0	1-2	210	2-3	27.8	24.1	24.1	
06	07°28.6N	079°17.9W	OVC	RA	10	095	8	1008.2	0-1	210	2-3	27.9	25.0	24.8	
07	07°30.7N	079°09.9W	OVC	RA	10	115	7	1009.9	0-1	230	2-3	28.1	24.8	24.0	
08	07°30.3	079°00.8	OVC	RA-	8-10	145	5	1011.0	0-1	225	2-3	28.0	24.7	24.5	
09	07°29.9	078°51.3	OVC	RA-	8-10	VAR	LT	1010.9	0-1	200	3-4	27.7	24.7	23.8	
10	07°29.5	078°42.3	OVC	RA-	10	VAR	LT	1011.1	0-1	195	3-4	27.5	25.0	24.0	
11	07°31.6	078°45.0	OVC		10	045	LT	1010.8	0-1	190	3-4	27.6	25.0	24.7	
12	07°31.9N	078°52.4W	OVC	RA	10	320	3	1009.4	0-1	190	3-4	27.8	25.3	24.5	
13	07°32.2N	078°59.6W	OVC		10	VAR	LT	1008.2	0-1	190	3-4	28.0	24.5	24.5	
14	07°32.6	079°08.6W	BKN	RA	10	210	9	1007.5	0-1	190	3-4	28.1	25.9	24.5	
15	07°31.8N	079°16.7W	BKN		10	195	5	1007.1	0-1	190	3-4	28.0	25.1	24.6	
16	07°29.8N	079°24.4W	BKN		10	220	6	1007.8	0-1	190	3-4	28.1	25.9	24.4	
17	07°26.9N	079°29.5W	BKN		10	230	6	1008.0	0-1	190	3-4	28.2	26.0	24.8	
18	07°31.4N	079°20.9W	SCT		10	250	7	1008.5	0-1	190	3-4	27.9	26.0	24.5	
19	07°34.2N	079°11.8W	SCT		10	250	6	1009.5	0-1	190	3-4	27.9	26.0	24.9	
20	07°33.7N	079°02.8W	SCT		10	200	7	1010.0	<1	190	3-4	28.1	25.8	24.7	
21	07°33.4N	078°53.4W	SCT		10	200	8	1010.4	<1	190	3-4	27.8	26.2	24.8	
22	07°33.0N	078°47.5W	SCT		10	*									
23	07°31.0	078°36.4	SCT		10	155	4	1010.2	0-1	190	3-4	27.2	26.1	24.8	

\* 0200 TRAFFIC \* 0400 CONFIRMED BY VISUAL OF CONTACT  
\* 2200 TRAFFIC



### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <b>OKEANOS EXPLORER (R337)</b>							TIME ZONE <b>-6</b>	DAY OF WEEK <b>FRIDAY</b>	DATE (dd mmm yyyy) <b>10 NOV 2017</b>					
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	07°27.3N	078°28.7W	SCT		10	200	6	1009.2	0-1	190	3-4	27.1	26.0	24.8
01	07°21.2N	078°27.3W	SCT		10	240	7	1009.0	0-1	190	3-4	27.4	26.0	24.8
02	07°27.3N	078°26.3W	SCT		10	VAR	LT	1008.2	0-1	190	3-4	27.4	26.0	24.8
03	07°32.9W	078°31.9W												*
04														* <b>BT</b>
05	07°33.2N	078°42.0W	OVC	RA	10	025	10	1009.5	1-2	240/310	3-4	27.5	24.5	24.1 <b>JM</b>
06	07°34.5N	078°50.7W	OVC	RA	10	045	0-LT	1009.5	1-2	240/310	3-4	27.8	25.0	24.8 <b>JM</b>
07	07°35.1N	078° <sup>07</sup> 00.1W	OVC	RA	10	025	5	1010.4	1-2	230	3-4	27.4	24.5	24.0
08	07°38.2	079°08.6	OVC	DZ	10	VAR	LT	1010.1	1-2	180	3-4	27.8	24.7	24.3
09	07°41.8	079°17.3	OVC	DZ	8-10	240	LT	1011.5	1-2	165	3-4	27.8	24.9	24.5
10	07°48.7	079°21.0	OVC		10	105	4	1011.2	1-2	220	3-4	27.8	25.5	24.6
11	07°57.9	079°21.0	BKN		10	090	7	1009.7	1-3	200	3-4	28.0	25.8	24.6
12	08°06.8N	079°28.9W	BKN		10	140	7	1008.9	1-3	200	3-4	27.8	26.5	25.8
13	08°19.4N	079°20.9W	BKN		10	230	3	1007.1	1-3	200	3-4	28.0	26.5	25.5
14	08°28.2N	079°20.9W	BKN		10	250	6	1006.5	1-3	200	3-4	28.4	27.8	25.3
15	08°37.8N	079°21.9W	BKN		10	275	11	1005.9	1-3	200	3-4	28.3	27.8	25.2
16	08°46.6N	079°25.4W	SCT		10	280	8	1006.2	1-3	200	3-4	28.3	27.0	24.9
17	08°52.2N	079°29.9W	SCT		10	315	9	1006.7	1-3	200	1-2	28.3	27.0	24.8
18	08°53.2N	079°30.8W	SCT		10	325	10	1007.8	0-1	200	1-2			
19	08°53.1N	079°30.8W	SCT		10	310	12	1008.0	0-1	UNK	1-2	28.1	26.5	25.2 <b>JM</b>
20	08°53.1	079°30.8	FEW		10	325	10	1009.3	0-1	190	1-2	*	26.0	25.1 <b>JM</b>
21	08°53.1	079°30.8	SCT		10	300	6	1009.8	0-1	190	2-3	*	26.4	24.8 <b>JM</b>
22	08°53.1	079°30.8	SCT		10	320	8	1009.9	0-1	160	2-3	*	26.2	24.2
23	08°53.1	079°30.8	FEW		10	315	7	1009.3	0-1	150	2-3	*	26.3	24.8

\* 0300 TRAFFIC  
 \* 0400 TRAFFIC  
 \* 1800 ANCHOR OPS  
 \* 2000 SCS OFFLINE → 2400

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship **OKEANOS EXPLORER (R 337)**      TIME ZONE **-6**      DAY OF WEEK **SATURDAY**      DATE (dd mmm yyyy) **11 NOV 2017** SM

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	08°53.1 N	079°30.8 W	FEW		10	320	7	1008.0	0-1	150	2-3	—	16.5	24.9
01	08°53.1 N	079°30.8 W	FEW		10	340	6	1008.1	0-1	150	2-3	—	25.0	24.5
02	08°53.1 N	079°30.8 W	FEW		10	330	6	1007.9	0-1	150	2-3	—	25.0	24.5
03	08°53.1 N	079°30.8 W	FEW		10	305	3	1006.6	0-1	150	2-3	—	26.0	24.5
04	08°53.1 N	079°30.8 W	FEW		10	305	7	1007.9	0-1	150	2-3	—	25.9	24.8
05	08°53.1 N	079°30.8 W	FEW		10	315	5	1008.2	0-1	150	2-3	—	25.8	24.8
06	08°53.1 N	079°30.8 W	FEW		10	335	2	1007.9	0-1	150	2-3	—	25.9	24.8
07	08°53.1 N	079°30.8 W	FEW		10	320	3	1008.5	0-1	150	2-3	—	26.1	24.9
08														
09														
10														
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