

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship **OKEANOS EXPLORER (R-337)** TIME ZONE **-10** DAY OF WEEK **TUESDAY** DATE (dd mmm yyyy) **08 AUG 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														
01														
02														
03														
04														
05														
06														
07														
08														
09														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19	21°10.3N	158°05.7W	SCT		10 070	090	9	1015.9	3-4	110	3-4	26.9	27.5	24.5
20	21°05.3N	158°07.9W	SCT		10	070	15	1015.8	3-4	110	3-4	26.9	26.9	24.5
21	21°02.7N	158°10.8W	SCT		10	080	18	1016.3	3-4	110	3-4	27.0	26.4	24.5
22	21°10.9N	158°17.7W	SCT		10	071	16	1017.2	3-4	110	3-4	27.0	26.5	24.0
23	21°20.4N	158°24.5W	SCT		10	084	10	1017.3	3-4	110	3-4	27.0	26.2	23.4

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <u>OCEANUS EXPLORER (R-337)</u>						TIME ZONE <u>-10</u>	DAY OF WEEK <u>WEDNESDAY</u>	DATE (dd mmm yyyy) <u>09 AUG 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	21°29.9'	158°30.4'	SCT		10	065	15	1017.4	1	010	3-4	27.0	26.5	24.1
01	21°40.1'	158°30.9'	SCT		10	080	21	1017.2	2-3	050	4-5	26.9	26.5	24.4
02	21°50.0	158°34.3	SCT		10	080	19	1017.3	2-3	050	4-5	27.0	26.3	24.2
03	22°00.0'	158°37.7'	SCT		10	090	18	1017.1	2-3	050	4-5	27.0	26.3	24.2
04	22°08.7	158°40.6	SCT		10	093	12	1017.1	2-3	050	4-5	27.0	26.3	24.2
05	22°18.3	158°43.9	SCT		10	097	13	1018.0	2-3	050	4-5	27.0	26.0	24.0
06	22°27.3	158°47.0	SCT		10	095	16	1018.5	2-3	050	4-5	27.0	26.0	24.0
07	22°37.5	158°50.5	SCT		10	085	13	1019.1	2-3	050	4-5	27.0	26.2	24.5
08	22°47.6 N	158°53.9 W	SCT		10	100	12	1019.3	2-3	050	4-5	27.2	27.0	24.5
09	22°57.5 N	158°57.4 W	SCT		10	100	13	1019.8	2-3	050	4-5	27.3	26.0	24.5
10	23°07.5 N	159°00.8 W	SCT	DZ	10	095	13	1020.0	2-3	050	4-5	27.3	27.0	24.9
11	23°18.0 N	159°04.5 W	SCT		10	065	14	1019.9	2-3	050	4-5	27.3	27.2	24.9
12	23°28.4	159°08.0	SCT		10	080	14	1019.6	1-2	050	3-4	27.3	28.1	25.1
13	23°38.1	159°11.4	SCT		10	100	14	1019.6	1-2	090	3-4	27.2	26.9	24.8
14	23°48.1'	159°14.8'	SCT		10	085	15	1019.0	1-2	070	3-4	27.3	29	26
15	23°58.3	159°18.4	SCT		10	095	16	1018.7	1-2	060	3-4	27.4	30	26.3
16	24°08.4	159°21.9	SCT		10	075	13	1018.1	1-2	060	3-4	27.4	30	26.3
17														
18	24°29.0	159°29.0	SCT		10	080	16	1018.5	1-2	065	3-4	27.4	28.8	25.5
19	24°40.3	159°32.9	SCT		10	087	14	1019.8	1-2	065	3-4	27.5	28.2	25.2
20	24°50.9 N	159°36.6 W	SCT		10	090	16	1020.0	1-2	065	3-4	27.3	27.0	24.5
21	24°59.9 N	159°39.8 W	SCT		10	085	12	1020.3	1-2	065	3-4	27.4	26.9	24.5
22	25°09.9 W	159°43.3 W	SCT		10	090	14	1021.0	1-2	065	3-4	27.3	26.2	24.9
23	25°20.2 N	159°46.9 W	SCT		10	090	15	1021.1	1-2	065	3-4	27.4	26.2	24.3

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship						TIME ZONE	DAY OF WEEK	DATE (dd mmm yyyy)						
OKEANOS EXPLORER (R-337)						-10	THURSDAY	10 AUG 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	25° 30.1	159° 30.4	SCT		10	090	13	1021.7	1-2	090	3-4	27.4	27	24
01	25° 40.5	159° 54.0	SCT		10	105	13	1021.5	1-2	090	3-4	27.5	27	24.6
02	25° 46.9	159° 59.4	SCT		10	090	12	1021.0	1-2	090	3-4	27.5	26.6	24.6
03	25° 43.6'	160° 06.6'	SCT		10	085	9	1021.0	1-2	130	4-5	27.4	26.7	24.7
04	25° 40.1	160° 14.3	SCT		10	084	10	1020.9	1-2	130	4-5	27.2	26.5	24.5
05	25° 35.9	160° 23.6	SCT		10	088	11	1021.0	1-2	130	4-5	27.3	26.5	24.5
06	25° 38.5	160° 27.0	SCT		10	102	11	1021.0	1-2	110	3-4	27.4	26.5	24.5
07	25° 42.0	160° 18.4	SCT	SHWRS	10	095	12	1021.2	1-2	110	3-4	27.2	26.5	24.5
08	25° 46.0 N	160° 09.5 W	SCT	OZ-	10	080	15	1021.5	1-2	110	3-4	27.3	26.5	24.5
09	25° 50.1 N	160° 00.4 W	SCT		10	085	15	1022.0	1-2	100	3-4	27.5	27.0	24.2
10	25° 57.5 N	160° 04.8 W	SCT		10	100	13	1022.3	1-2	100	3-4	27.5	27.5	25.0
11	26° 05.7 N	160° 12.6 W	SCT		10	095	13	1023.1	1-2	100	3-4	27.4	28.0	25.5
12	26° 14.2'	160° 20.7'	SCT		10	095	14	1023.3	1-2	000	3-4	27.5	28	25
13	26° 22.5	160° 28.6	BKN	RA	5	125	9	1022.6	1-2	010	3-4	27.6	26	24
14	26° 31.2'	160° 36.9'	SCT		8-10	110	8	1023.0	1-2	100	3-4	27.7	27.3	24.5
15	26° 39.6	160° 44.9	SCT		8-10	095	11	1022.2	1-2	100	3-4	27.7	27.6	25.1
16	26° 48.3	160° 52.1	SCT		10	085	11	1021.5	1-2	100	3-4	27.7	27.6	25.1
17	26° 56.7	160° 56.7	SCT		10	023	10	1021.0	1-2	100	3-4	27.8	27.6	25.1
18	27° 07.3	161° 02.5	SCT		10	090	14	1021.9	1-2	100	3-4	27.6	26.8	25.0
19	27° 15.1	161° 06.9	SCT		10	054	21	1022.0	1-2	100	3-4	27.7	26.0	25.0
20	27° 24.5 N	161° 12.2 W	BKN	RA	10	050	16	1022.5	1-2	100	3-4	27.6	25.6	24.0
21	27° 35.2 N	161° 17.9 W	SCT		10	080	12	1023.1	1-2	100	3-4	27.6	25.9	24.5
22	27° 44.3 N	161° 22.9 W	SCT		10	090	17	1024.0	1-2	100	3-4	27.6	26.2	24.3
23	27° 50.9 N	161° 17.6 W	SCT		10	085	16	1024.0	1-2	110	3-4	27.1	26.5	24.0

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337)						TIME ZONE -10	DAY OF WEEK FRIDAY	DATE (dd mmm yyyy) 11 AUG 2017						
TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE N	LONGITUDE W				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	27°57.5	161°10.4	SCT		10	060	16	1024.2	1-2	110	3-4	27.2	26.0	24.0
01	28°03.5	161°04.0	SCT		10	060	10	1023.9	1-2	110	3-4	27.1	26.3	24.1
02	27°59.3	160°55.7	SCT		10	060	14	1023.6	1-3	100	3-4	27.2	26.2	24.2
03	27°55.1	160°46.7	SCT		10	060	13	1023.1	1-2	100	3-4	26.9	26.4	24.3
04	27°51.0	160°37.9	SCT		10	050	13	1022.9	1-2	100	3-4	26.9	26.0	24.0
05	27°57.4	160°33.6	SCT		10	065	14	1022.9	1-2	100	3-4	26.9	26.0	23.8
06	27°59.1	160°23.9	SCT		10	040	18	1022.9	1-2	100	3-4	26.9	26.1	23.8
07	27°59.1	160°15.5	SCT		10	044	21	1023.0	2-3	050	3-4	27.3	26.0	24.0
08	27°58.9 N	160°06.1 W	SCT		10	050	18	1022.6	2-3	050	3-4	27.5	26.0	23.5
09	27°58.9 N	159°56.2 W	SCT	DZ	10	045	18	1023.0	2-3	040 100	3-4	27.4	26.2	24.0
10	28°01.9 N	159°45.9 W	SCT		10	060	19	1023.0	2-3	040 100	3-4	27.2	26.0	23.5
11	28°05.9 N	159°35.7 W	SCT		10	060	16	1023.3	3-4	040 100	3-4 3-4	27.3	26.2	24.1
12	28°10.2	159°25.6	SCT		10	070	14	1022.8	3-4	070 100	3-4	27.4	26.5	24.4
13	28°14.3	159°14.6	SCT		10	065	14	1022.9	2-3	030 100	3-4	27.3	26.8	24.4
14	28°18.4	159°04.3	SCT		10	065	17	1022.1	2-3	040	4-5	27.4	26.9	24.5
15	28°22.7	158°53.3	SCT		10	050	19	1021.5	2-3	050	4-5	27.0	26.8	24.6
16	28°30.0	158°49.7	OVC		10	070	21	1021.1	2-3	050	4-5	26.8	27.0	24.9
17	28°39.2	158°49.6	BRN	DZ	10	050	20	1021.3	2-3	050	4-5	26.7	26.2	24.2
18	28°47.6	158°49.5	BRN		10	064	18	1022.0	2-3	050	4-5	26.7	26.9	24.0
19	28°55.5	158°49.4	SCT		10	055	17	1022.0	2-3	050	4-5	26.5	26.9	24.0
20	29°04.5 N	158°49.3 W	SCT		10	070	17	1022.6	2-3	050	4-5	26.4	25.9	23.0
21	29°13.5 N	158°49.2 W	SCT		10	080	18	1023.0	2-3	050	4-5	26.5	25.6	22.9
22	29°21.6 N	158°49.1 W	SCT	SH	10	075	18	1023.0	2-3	050	4-5	26.4	25.5	23.5
23	29°30.9 N	158°48.9 W	SCT	SH	10	070	19	1023.4	2-3	050	4-5	26.5	25.0	23.4

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship				TIME ZONE	DAY OF WEEK	DATE (dd mmm yyyy)								
MEANOS EXPLORER (1-337)				-10	SATURDAY	12 AUG 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	29°38.2	158°48.9	BKN		8-10	050	11	1023.6	1-2	040	4-5	26.5	23.9	23.4
01	29°47.0	158°48.8	SCT		10	070	10	1023.8	1-2	060	4-5	26.3	24.8	23.8
02	29°43.8	158°45.7	^{ovc} SCT	DE	10	050	11	1023.0	1-2	050	4-5	26.4	24.8	24.0
03	29°35.2	158°45.8	BKN		10	070	14	1022.5	1-2	090	4-5	26.5	25.9	23.9
04	29°27.2	158°45.9	BKN		10	070	15	1022.0	1-2	090	3-4	26.4	25.9	24.0
05	29°18.9	158°46.0	BKN		10	070	15	1022.0	1-2	090	3-4	26.3	25.5	24.2
06	29°08.3	158°46.1	BKN		10	065	12	1022.0	1-2	090	4-5	26.1	25.7	24.4
07	28°59.3	158°46.2	SCT		10	063	14	1022.0	1-2	090	3-4	26.4	26.5	24.5
08	28°51.3 N	158°46.3 W	SCT		10	066	12	1022.1	1-2	090	3-4	26.3	26.0	24.9
09	28°40.5 N	158°46.5 W	SCT		10	065	15	1022.0	1-2	090	3-4	26.6	26.5	24.5
10	28°32.5 N	158°46.6 W	SCT		10	065	14	1022.1	1-2	090	3-4	26.6	26.5	24.3
11	28°23.9 N	158°46.7 W	SCT		10	060	15	1021.5	1-2	100	3-4	26.8	26.6	24.5
12	28°15.2	158°46.8	SCT		10	060	15	1022.0	1-2	090	3-4	26.9	26.8	24.9
13	28°06.3	158°46.9	SCT		10	068	14	1021.9	2-3	100	3-4	27.2	27.0	25.0
14	28°06.7	158°43.8	SCT		10	080	19	1021.0	2-3	060	4-5	27.2	27.0	25.6
15	28°15.4	158°43.7	SCT		10	075	19	1021.2	2-3	060	4-5	27.0	27.8	25.6
16	28°21.5	158°43.6	SCT		10	067	19	1020.8	2-3	060	4-5	27.0	27.8	25.6
17														
18	28°40.3	158°43.2	SCT		10	070	20	1020.1	2-3	060	4-5	26.6	27.5	25.3
19	28°48.7	158°43.3	SCT		10	073	22	1021.0		060	4-5	26.6	27.0	25.3
20	28°57.2 N	158°43.2 W	BKN		10	070	22	1021.2	2-3	060	4-5	26.4	25.9	24.9
21	29°05.9 N	158°43.1 W	SCT	DE	10	070	23	1022.0	2-3	060	4-5	26.4	26.2	24.5
22	29°14.8 N	158°42.9 W	SCT		10	083	21	1022.1	2-3	060	4-5	26.4	26.0	24.5
23	29°22.5 N	158°42.9 W	SCT		10	090	22	1022.5	2-3	060	4-5	26.5	26.0	24.6

APC

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship								TIME ZONE	DAY OF WEEK	DATE (dd mmm yyyy)				
OCEANUS EXPLORER (R-337)								-10	SUNDAY	13 AUG 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	29°31.3	158°42.8	BKN	SH	8-10	090	16	1022.8	2-3	060	4-5	26.5	25.2	25.0
01	29°39.9	158°42.7	BKN	SH	8-10	080	24	1022.0	2-3	060	5-6	26.5	25.3	24.5
02	29°47.8	158°42.6	BKN		8-10	070	24	1021.9	2-4	065	5-6	26.4	26.0	24.9
03	29°43.1	158°39.5	OVC	SH	8-10	060	17	1021.9	2-4	060	5-6	26.5	26.0	24.9
04	29°33.9	158°39.6	BKN SCT	SH	10	078	15	1021.8	2-4	060	5-6	26.6	25.0	24.5
05	29°26.1	158°39.7	BKN	SH	10	071	18	1021.8	2-4	060	5-6	26.4	26.5	25.0
06	29°17.5	158°39.8	BKN		10	055	12	1020.5	2-4	060	5-6	26.4	26.5	25.0
07	29°08.3	158°40	BKN		10	053	13	1021.1	2-4	060	5-7	26.3	27.0	25.2
08	28°59.5 N	158°40.2 W	SCT	SH	10	060	17	1020.5	2-4	060	5-7	26.3	26.9	25.0
09	28°50.4 N	158°40.2 W	SCT	RA	10	060	15	1022.0	3-4	060 060	6-7	26.3	24.9	24.0
10	28°40.9 N	158°40.3 W	SCT		10	080	12	1020.9	3-4	070	6-7	26.5	25.3	24.9
11	28°32.4 N	158°40.5 W	SCT		10	070	12	1020.2	3-4	080	6-7	26.5	26.1	25.0
12	28°23.5	158°40.6	SCT		10	080	15	1021.5	3-4	080	6-7	26.8	27.0	26.3 25.9
13	28°14.4	158°40.7	SCT		10	065	14	1021.1	3-4	050 050	5-6 6-8	26.9	27.3	25.0
14	28°05.9	158°40.8	SCT		10	060	15	1020.7	3-4	075	6-7	27.1	27.3	25.8
15	28°07.2	158°39.7	SCT		10	080	16	1020.0	2-3	050	5-6	27.2	27.1	26.8
16	28°15.9	158°37.6	SCT		10	082	20	1020.0	2-3	050	5-6	26.8	29.5	26.8
17	28°25.2	158°39.5	SCT		10	090	19	1020.0	2-3	050	5-6	26.8	26.6	25.2
18	28°32.4	158°37.4	SCT		10	092	20	1020.2	2-3	050	5-6	26.6	26.6	25.2
19	28°40.4	158°37.3	SCT		10	087	18	1020.2	2-3	050	5-6	26.6	26.6	25.2
20	28°49.5 N	158°37.2 W	SCT		10	090	19	1020.9	2-3	050	5-6	26.4	27.0	25.0
21	28°58.7 N	158°37.0 W	SCT		10	090	19	1021.3	2-3	050	5-6	26.5	26.5	25.0
22	29°07.7 N	158°36.9 W	SCT	SH	10	100	17	1021.5	2-3	050	5-6	*	26.2	24.6
23	29°16.1 N	158°36.8 W	BKN	RA	10	100	18	1021.5	2-3	050	5-6	—	25.5	24.5

2200 SCS ERROR

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <u>OCEANUS EXPLORER (R-337)</u>								TIME ZONE <u>-10</u>	DAY OF WEEK <u>MONDAY</u>	DATE (dd mmm yyyy) <u>14 AUG 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	29°24.3	158°36.7	SCT		10	090	20	1022.2	2-3	060	5-6	26.5	26.1	25.0
01	29°32.6	158°36.6	SCT		10	100	18	1021.9	2-3	050	6-8	26.6	26.6	25.0
02	29°41.7	158°36.5	SCT		10	100	18	1021.7	2-3	050	5-7	26.8	25.9	25.0
03	29°48.4	158°34.2	SCT		10	080	18	1021.4	2-3	050	5-7	26.8	26.2	25.0
04	29°41.0	158°33.3	BKN	SH	10	068	14	1021.1	2-3	050	5-7	26.7	25.0	24.9
05	29°31.7	158°35.5	SCT		10	085	15	1021.1	2-3	050	5-7	26.5	25.5	24.5
06	29°23.9	158°33.6	SCT		10	080	16	1022.0	2-3	050	5-7	26.4	25.9	24.5
07	29°14.7	158°33.7	SCT		10	085	15	1022.0	2-3	050	5-7	26.4	26.0	24.9
08	29°06.4 N	158°33.9 W	SCT		10	070	16	1021.9	2-3	050	5-7	26.4	26.1	24.8
09	28°56.3 N	158°34.0 W	SCT		10	090	16	1021.9	2-3	080	5-7	26.4	26.0	24.5
10	28°48.3 N	158°34.1 W	SCT		10	075	14	1021.5	2-3	080	5-7	26.3	26.0	25.0
11	28°37.9 N	158°34.2 W	SCT		10	085	16	1021.1	2-3	080	5-7	26.5	26.9	24.1
12	28°31.0	158°34.4	SCT		10	070	19	1021.2	2-3	090	5-6	26.5	27.0	24.0
13	28°22.5	158°34.5	SCT		10	065	16	1020.8	2-3	120	5-6	26.8	27.0	24.3
14	28°13.8	158°34.6	SCT		10	065	16	1020.3	2-3	100	4-6	26.8	26.8	24.9
15	28°04.9	158°34.7	SCT		10	080	17	1019.9	2-3	120	4-6	27.3	27.2	24.8
16	28°08.3	158°31.6	SCT		10	092	22	1019.5	2-3	095	4-6	27.0	27.2	24.8
17	28°15.8	158°31.5	SCT		10	087	22	1020.0	2-3	095	4-6	26.8	27.2	25.0
18	28°25.3	158°31.4	SCT		10	084	18	1020.1	2-3	095	4-6	26.7	27.0	25.0
19	28°33.2	158°31.3	SCT		10	082	20	1020.1	2-3	095	5-7	26.4	27.0	25.0
20	28°42.9 N	158°31.2 W	SCT		10	095	20	1021.1	2-3	095	5-7	26.5	24.9	24.2
21	28°51.3 N	158°31.2 W	SCT		10	095	20	1021.5	2-3	095	5-7	26.5	26.5	24.0
22	29°00.2 N	158°31.1 W	SCT		10	090	21	1022.0	2-3	095	5-7	26.6	26.0	24.9
23	29°09.0 N	158°30.9 W	SCT		10	085	21	1021.9	2-3	095	5-6	26.4	26.0	23.9

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OCEANOS EXPLORER (R-337)								TIME ZONE -10	DAY OF WEEK TUESDAY	DATE (dd mmm yyyy) 15 AUG 2017				
TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE <i>N</i>	LONGITUDE <i>W</i>				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	29°17.9'	158°30.8'	SCT		10	090	21	1021.9	2-3	090	5-6	26.5	26.4	24.9
01	29°26.7'	158°30.7'	SCT		10	090	19	1021.9	2-3	090	5-6	26.5	26.2	24.5
02	29°35.4'	158°30.6'	SCT		10	100	16	1021.6	2-3	090	5-6	26.6	26.2	24.4
03	29°44.7'	158°30.5'	SCT		10	090	13	1021.5	2-3	090	5-6	26.8	26.2	23.9
04	29°46.3'	158°27.5'	SCT		10	052	11.5	1021.5	2-3	090	5-6	26.7	25.6	23.8
05	29°38.0'	158°27.6'	SCT		10	060	15	1021.1	2-3	090	5-6	26.7	25.9	23.9
06	29°28.9'	158°27.8'	OVC	SHW	10	040	11	1021.0	2-3	090	5-6	26.7	26.0	24.0
07	29°20.4'	158°27.9'	BKN		10	040	12	1021.2	2-3	130	5-6	26.4	26.0	24.2
08	29°12.0' N	158°28.0' W	SCT		10	075	10	1021.3	2-3	090 130	5-6	26.4	25.6	24.0
09	29°02.5' N	158°28.2' W	SCT		10	065	13	1021.0	2-3	090 130	5-6	26.4	26.0	24.2
10	28°53.6' N	158°28.3' W	SCT		10	080	11	1021.0	2-3	090 140	5-6	26.4	26.0	24.0
11	28°44.2' N	158°28.5' W	SCT		10	085	11	1021.0	2-3	090 140	5-6	26.4	26.2	24.9
12	28°35.2'	158°28.5'	BKN		10	070	14	1020.9	2-3	090 140	5-6	26.5	24.1	23.7
13	28°26.4'	158°28.7'	SCT		10	070	16	1020.1	2-3	090 140	5-6	26.7	26.0	24.1
14	28°17.5'	158°28.8'	SCT	Ac	10	050	12	1019.9	2-3	090 140	5-6	26.8	26.3	24.2
15	28°05.9'	158°29.0'	SCT		10	050	10	1019.2	2-3	090 140	5-6	27.2	26.5	24.6
16	28°03.9'	158°26.2'	SCT		10	070	15	1018.5	2-3	090 140	5-6	27.2	27.0	25.0
17	28°13.6'	158°26.0'	SCT		10	070	22	1018.5	2-3	090 140	5-6	26.8	28.0	25.5
18	28°21.7'	158°25.9'	SCT		10	060	18	1018.9	2-3	090 140	5-6	26.8	27.9	25.2
19	28°29.5'	158°25.8'	SCT		10	072	18	1018.9	2-3	090 140	5-6	26.4	27.5	25.0
20	28°39.0' N	158°25.7' W	SCT		10	070	18	1019.5	2-3	090 140	5-6	26.5	26.5	25.0
21	28°48.0' N	158°25.5' W	SCT		10	080	17	1020.0	2-3	090 140	5-6	26.5	26.2	24.5
22	28°57.3' N	158°25.3' W	SCT		10	090	17	1020.0	2-3	090 140	5-6	26.5	26.2	25.0
23	29°06.3' N	158°25.3' W	SCT	DZ	10	070	16	1020.0	2-3	090 140	5-6	26.6	26.0	24.5

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <u>OKEANOS EXPLORER (R-337)</u>						TIME ZONE -10	DAY OF WEEK WEDNESDAY	DATE (dd mmm yyyy) 16 AUG 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	29°15.2'	158°25.1'	SCT		10	080	19	1020.8	2-3	090 140	5-6	26.6	26.0	24.6
01	29°24.1'	158°24.9'	SCT		10	080	20	1020.7	2-3	090 140	5-6	26.6	26.2	24.9
02	29°32.7'	158°24.8'	SCT		10	080	22	1020.1	2-4	090 140	5-6	26.7	26.1	24.9
03	29°41.6'	158°24.7'	SCT		10	080	20	1019.9	2-4	090 140	5-6	26.7	26.2	24.9
04	29°48.2'	158°22.4'	SCT		10	070	18	1020.1	2-4	090 140	5-6	26.7	25.9	24.1
05	29°34.9'	158°21.8'	SCT		10	063	13	1020.0	2-4	090 140	5-6	26.7	25.9	24.5
06	29°32.8'	158°21.9'	SCT		10	060	14	1021.0	2-4	090 140	5-6	26.6	25.9	24.5
07	29°23.5'	158°22.1'	SCT	SH	10	044	12	1020.1	2-4	090 140	5-6	26.5	25.7	24.9
08	29°14.4' N	158°22.2' W	SCT		10	050	11	1020.1	2-4	090 130	5-6	26.6	25.3	24.0
09	29°04.9' N	158°22.4' W	SCT		10	060	10	1020.5	2-4	090 130	5-6	26.6	26.2	24.5
10	28°53.0' N	158°22.5' W	SCT		10	060	10	1020.2	2-4	090 130	5-6	26.6	26.2	24.5
11	28°48.0' N	158°22.6' W	SCT		10	060	14	1019.9	2-4	090 140	5-6	26.6	26.8	24.0
12	28°38.4'	158°22.8'	SCT		10	040	11	1020.8	2-3	090	5-6	26.5	26.8	25.0
13	28°38.3'	158°22.9'	SCT		10	035	10	1019.9 1019.9	2-3	090	5-6	26.6	27.0	25.0
14	28°21.2'	158°23.1'	SCT		10	040	10	1019.8	2-3	100	5-7	26.9	26.8	25.0
15	28°12.2'	158°23.2'	SCT		10	035	10	1018.9	2-3	090	5-7	27.1	27.0	25.0
16	28°03.4'	158°22.0'	SCT		10	040	19	1018.1	2-3	090	5-8	27.3	27.0	25.0
17	28°09.3'	158°20.4'	SCT		10	074	21	1017.9	2-3	090	5-7	27.2	27.2	25.2
18	28°17.9'	158°20.3'	SCT		10	050	18	1017.1	2-3	090	5-7	27.2	27.0	25.0
19	28°26.1'	158°20.1'	SCT		10	064	18	1019.1	2-3	090	5-7	26.5	26.9	24.9
20	28°34.5' N	158°19.9' W	SCT	DE	10	070	16	1019.5	2-3	090	5-7	26.6	26.2	24.5
21	28°43.3' N	158°19.9' W	SCT		10	070	16	1020.0	2-3	090	5-7	26.6	25.5	24.0
22	28°53.9' N	158°19.7' W	SCT	SH	10	070	18	1020.0	2-3	090	5-7	26.6	25.3	24.4
23	29°00.9' N	158°19.6' W	SCT		10	060	16	1020.0	2-3	070	5-7	26.6	25.7	24.5

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship						TIME ZONE	DAY OF WEEK	DATE (dd mmm yyyy)						
OKEANOS EXPLORER (R-337)						-10	THURSDAY	17 AUG 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	29°10.1'	158°19.4'	SCT		10	070	14	1019.9	2-3	070	5-7	26.7	25.8	24.9
01	29°19.4'	158°19.3'	SCT		10	070	13	1019.9	2-3	070	5-7	26.7	26.0	25.0
02	29°28.0'	158°19.1'	SCT		10	060	16	1020.0	2-3	070	5-7	26.7	26.0	25.1
03	29°37.0'	158°18.9'	SCT		10	060	12	1019.9	2-3	070	5-7	26.7	26.1	25.1
04	29°45.7'	158°18.8'	SCT		10	073	15	1019.9	2-3	070	5-7	26.7	25.5	24.1
05	29°43.8'	158°15.9'	SCT		10	070	12	1020.0	2-3	070	5-7	26.7	25.9	24.5
06	29°34.4'	158°16.1'	SCT		10	080	14	1020.0	2-3	070	5-7	26.7	25.9	24.5
07	29°25.5'	158°16.2'	SCT		10	070	10	1019.0	2-3	070	5-7	26.7	25.7	24.5
08	29°17.8 N	158°16.4 W	SCT		10	060	12	1019.9	2-3	070	5-7	26.6	26.2	24.3
09	29°07.9 N	158°16.6 W	SCT		10	050	10	1019.9	2-3	070	5-7	26.8	26.5	24.9
10	28°58.9 N	158°16.7 W	SCT		10	055	10	1020.0	2-3	080	5-6	26.7	26.5	25.0
11	28°49.5 N	158°16.9 W	SCT		10	065	13	1019.8	2-3	080	5-6	26.7	26.9	25.0
12	28°40.4'	158°17.0'	SCT		10	050	11	1020.1	2-3	090	4-5	26.7	27.0	25.1
13	28°30.6'	158°17.2'	SCT		10	060	12	1019.3	2-3	090	4-5	26.7	26.7	25.0
14	28°22.1'	158°17.3'	SCT		10	030	10	1019.4	2-3	080	5-6	26.9	26.9	25.0
15														
16	28°02.8	158°16.2	SCT		10	031	15	1018.5	2-3	080	5-6	27.5	27.0	25.2
17	28°07.9	158°14.7	SCT	SHW	10	093	15	1018.1	2-3	080	5-6	27.5	26.5	25.5
18	28°16.3	158°14.5	SCT		10	065	17	1018.0	2-3	080	5-6	26.9	26.5	25.5
19	28°25.7	158°14.4	SCT		10	070	15	1018.0	2-3	080	5-6	26.9	26.5	24.9
20	28°34.6 N	158°14.3 W	SCT		10	085	16	1019.0	2-3	080	5-6	26.6	26.7	25.0
21	28°43.4 N	158°14.1 W	SCT		10	070	18	1019.5	2-3	080	5-6	26.8	26.5	24.5
22	28°54.1 N	158°13.9 W	SCT		10	080	16	1019.9	2-3	080	5-6	26.8	26.2	24.4
23	29°01.3 N	158°13.8 W	SCT		10	080	17	1020.0	2-3	080	5-6	26.8	26.5	24.5

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship **OCEANUS EXPLORER (R-337)** TIME ZONE **-10** DAY OF WEEK **FRIDAY** DATE (dd mmm yyyy) **18 AUG 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	29°10.3	158°13.6	SCT		10	075	18	1019.7	2-3	080	5-6	26.8	26.5	24.0
01	29°19.3	158°13.5	SCT		10	075	18	1019.5	2-3	080	5-6	26.8	26.2	24.0
02	29°27.9	158°13.4	SCT		10	060	17	1019.2	2-3	080	5-6	26.8	26.1	24.0
03	29°37.5	158°13.2	SCT		10	075	17	1019.0	2-3	080	5-6	26.9	26.0	23.8
04	29°45.8	158°13.0	SCT		10	065	13	1019.0	2-3	080	5-6	26.8	25.8	23.8
05	29°45.3	158°10.1	SCT		10	052	12	1019.2	2-3	080	4-5	26.8	25.9	23.5
06	29°36.1	158°10.3	SCT		10	051	12	1018.5	2-3	080	4-5	26.8	25.9	23.8
07	29°27.0	158°10.5	SCT		10	027	8	1019.1	2-3	080	4-5	26.8	26.5	24.0
08	29°18.9 N	158°10.6 W	SCT		10	040	9	1018.3	2-3	080	4-5	26.6	26.2	24.0
09	29°09.6 N	158°10.8 W	SCT		10	070	12	1019.2	2-3	080	4-5	26.7	26.5	24.2
10	29°00.7 N	158°11.0 W	SCT		10	060	13	1019.2	2-3	080	4-5	26.7	27.2	24.2
11	29°00.6 N	158°10.9 W	SCT		10	045	10	1019.3	2-3	090	4-5	26.7	27.0	24.0
12	28°51.6	158°11.1	SCT		10	045	11	1019.8	2-3	070	4-5	26.9	26.9	24.2
13	28°42.6	158°11.2	SCT		10	040	11	1019.3	2-3	090	4-5	26.7	26.8	24.1
14	28°33.6	158°11.4	SCT		10	035	11	1018.7	2-3	080	4-6	26.6	26.8	24.4
15	28°24.8	158°11.6	SCT		10	040	14	1018.3	2-3	075	4-6	26.6	26.9	24.2
16	28°15.8	158°11.7	SCT		10	045	10	1017.1	2-3	070/080	6-8	26.9	26.9	24.5
17	28°07.7	158°11.9	SCT		10	062	12	1016.2	2-3	070/080	6-8	27.2	27.0	24.5
18	28°06.8	158°09.0	SCT		10	070	19	1016.2	2-3	070/080	6-8	27.2	27.0	24.5
19	28°14.5	158°08.0	SCT		10	047	18	1017.1	2-3	060/080	6-8	26.8	27.0	24.0
20	28°22.7 N	158°08.7 W	SCT		10	052	19	1017.3	2-3	060/090	6-8	26.7	26.1	23.5
21	28°31.7 N	158°08.7 W	SCT		10	070	18	1018.3	2-3	060/090	6-8	26.5	26.0	23.5
22	28°40.1 N	158°08.4 W	SCT		10	060	17	1018.3	2-3	060/090	6-8	26.5	26.0	23.5
23	28°49.7 N	158°08.2 W	SCT		10	050	15	1018.4	2-3	060/090	6-8	26.8	26.0	23.0

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DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <u>OCEANUS EXPLORER (R-337)</u>				TIME ZONE <u>-10</u>	DAY OF WEEK <u>SATURDAY</u>	DATE (dd mmm yyyy) <u>19 AUG 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	28°58.5'	158°08.1'	SCT		10	050	12	1018.9	2-3	060 090	6-8		26.0	23.5
01	²⁹ 28 °08.1'	158°07.9'	SCT		10	075	14	1018.6	2-3	060 090	6-8		26.7	24.9
02	29°16.6'	158°07.8'	BKN		10	050	18	1017.9	2-3	060 090	6-8		26.6	25.0
03	29°25.6'	158°07.6'	BKN		10	065	18	1017.9	2-3	060 090	6-8		26.8	25.4
04	29°34.2'	158°07.4'	BKN		10	065	20	1017.3	2-3	060 090	6-8		26.7	25.2
05	29°42.9'	158°07.2'	SCT		10	062	18	1017.2	2-3	060 090	6-8		26.8	25.5
06	29°47.2'	158°06.6'	OVC		10	068	16	1017.2	2-3	060 090	6-8		26.8	25.8
07	29°49.1'	158°18.1'	BKN		10	070	17	1018.5	2-3	060 090	6-8		26.7	26.0
08	29°37.6' N	158°27.5' W	SCT		10	080	18	1018.2	2-3	090	6-8		26.7	26.9
09	29°32.4' N	158°39.1' W	SCT		10	080	16	1019.2	2-3	090	6-8		26.7	28.0
10	29°27.8' N	158°49.1' W	SCT		10	090	17	1019.5	2-3	090	6-8		26.6	27.0
11	29°22.6' N	159°00.3' W	SCT		10	120	13	1018.9	2-3	090	6-8		26.6	26.0
12	29°18.7'	159°10.1'	BKN		10	095	15	1019.4	2-3	090	5-6		26.5	26.5
13	29°17.6'	159°21.3'	BKN		10	070	16	1019.2	2-3	090	5-6		26.4	27.8
14	29°16.4'	159°32.9'	BKN		10	075	14	1018.8	2-3	090	4-5		26.9	27.7
15	29°15.4'	159°43.2'	BKN		10	075	15	1018.5	2-3	090	4-5		27.0	29.5
16	29°10.2'	159°52.6'	BKN		10	085	20	1018.1	2-3	090	4-5		27.0	26.2
17	29°06.9'	160°01.6'	BKN		10	070	17	1018.1	2-3	090	4-5		27.1	27.0
18	29°03.0'	160°13.2'	BKN		10	060	15	1018.5	2-3	090	4-5		27.1	27.3
19	28°59.8'	160°22.3'	BKN		10	060	14	1018.7	2-3	090	4-5		27.1	28.0
20	28°56.2' N	160°32.9' W	BKN		10	060	14	1019.0	2-3	090	4-5		27.1	26.5
21	28°52.7' N	160°43.2' W	BKN		10	075	16	1019.2	2-3	090	4-5		27.1	26.5
22	28°48.9' N	160°54.1' W	SCT	02	10	075	17	1019.9	2-3	090	4-5		27.1	26.0
23	28°45.3' N	161°04.6' W	SCT		10	065	14	1019.8	2-3	090	4-5		26.9	26.0

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) TIME ZONE -10h DAY OF WEEK SUNDAY DATE (dd mmm yyyy) 20 AUG 2017

TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE	LONGITUDE				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	28°41.5 N	161° 55.7 ¹⁵ W	SCT		10	080	14	1019.8	2-3	090	4-5	27.0	26.5	24.7
01	28°37.6	161°26.9	OVC	RA	5-8	100	17	1019.5	2-3	090	4-5	26.9	22.9	22.9
02	28°34.4	161°37.6	SCT		10	070	14	1019.0	2-3	090	4-5	27.0	26.0	24.5
03	28°40.5	161°44.7	SCT		10	075	16	1018.9	2-3	090	4-5	26.6	26.3	24.6
04	28°46.5	161°51.8	SCT		10	080	13	1018.9	2-3	090	4-5	26.7	24.2	23.9
05	28°53.0	161°59.5	SCT		10	075	14	1018.9	2-3	090	4-5	26.7	24.5	24.2
06	28°58.8	162°06.3	SCT		10	082	13	1018.5	2-3	090	4-5	27.1	24.7	24.2
07	29°05.6	162°10.4	SCT		10	068	13	1019.1	2-3	090	4-5	27.1	24.5	23.5
08	29°16.7 N	162°07.9 W	SCT		10	060	13	1019.3	2-3	080	4-5	27.1	25.0	24.0
09	29°25.3 N	162°05.9 W	SCT		10	070	10	1019.9	2-3	080	4-5	26.8	26.0	23.9
10	29°34.9 N	162°04.4 W	SCT		10	065	9	1020.2	2-3	080	4-5	26.7	26.0	24.0
11	29°44.9 N	162°04.2 W	SCT		10	075	10	1020.2	2-3	065	4-5	26.4	26.3	24.0
12	29°55.6	162°03.9	BKN		10	070	7	1020.9	1-2	050	3-4	26.8	26.3	24.0
13	30°05.7	162°03.7	SCT		10	070	5	1021.0	1-2	080	3-4	26.8	26.8	24.0
14	30°15.0	162°02.4	SCT		10	080	9	1020.6	1-2	070	3-4	26.6	26.4	23.9
15	30°22.6	161°57.5	SCT		10	060	10	1020.4	1-2	075	3-4	26.5	26.1	23.8
16	30°30.1	161°52.9	SCT		10	072	11	1020.0	1-2	075	3-4	26.6	28.9	25.5
17	30°27.0	161°58.9	SCT		10	067	10	1020.0	1-2	075	3-4	26.5	27.0	24.5
18	30°19.3	162°03.6	SCT		10	054	10	1020.0	1-2	075	3-4	26.5	27.0	24.5
19	30°17.5	162°09.0	SCT		10	063	12	1020.2	1-2	075	3-4	26.5	26.8	24.5
20	30°25.9 N	162°04.3 W	SCT		10	055	12	1021.0	1-2	075	3-4	26.4	25.6	25.2
21	30°34.6 N	161°58.3 W	SCT		10	060	10	1021.5	1-2	075	3-4	26.5	25.2	23.2
22	30°33.1 N	162°07.2 W	SCT		10	050	9	1022.0	1-2	075	3-4	26.4	25.2	23.5
23	30°31.3 N	162°19.3 W	SCT		10	085	10	1022.0	1-2	075	3-4	26.3	24.9	23.0

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DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <u>OKEANOS EXPLORER (R-337)</u>						TIME ZONE <u>- 10</u>	DAY OF WEEK <u>MONDAY</u>	DATE (dd mmm yyyy) <u>21 AUG 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	30° 29.7'	162° 30.5'	SCT		10	070	7	1022.2	1-2	075	3-4	26.3	25.0	23.0
01	30° 27.9'	162° 42.9'	SCT		10	095	8	1021.7	1-2	075	3-4	26.5	25.0	23.2
02	30° 26.2	162° 54.7	SCT		10	080	6	1021.8	1-2	075	3-4	26.4	24.4	23.1
03	30° 24.5	163° 06.8	SCT		10	075	7	1021.6	1-2	075	3-4	26.3	25.0	23.5
04	30° 22.7	163° 19.0	SCT		10	080	7	1021.8	1-2	075	3-4	26.3	25.0	23.0
05	30° 20.9	163° 31.0	SCT		10	035	5	1021.5	1-2	075	3-4	26.3	24.5	23.0
06	30° 18.3	163° 42.3	SCT		10	048	7	1020.5	1-2	075	3-4	26.1	25.0	23.2
07	30° 22.7	163° 50.6	SCT		10	064	7	1022.1	1-2	075	3-4	26.2	25.0	23.0
08	30° 26.1 N	163° 58.0 W	SCT		10	070	5	1021.3	1-2	110	3-4	26.4	25.3	23.5
09	30° 19.7 N	163° 51.6 W	SCT		10	080	8	1021.9	1-2	110	3-4	26.2	25.7	23.5
10	30° 18.7 N	163° 54.8 W	SCT		10	050	6	1022.2	1-2	090	3-4	26.5	26.9	24.0
11	30° 24.5 N	164° 02.0 W	SCT		10	034	6	1022.0	1-2	090	2-4	26.5	26.3	24.0
12	30° 31.6'	163° 56.3'	SCT		10	040	6	1022.3	1-2	080 / 110	2-4 / 2-3	26.4	26.3	24.8
13	30° 32.9.2	163° 49.5	SCT	C5 C4	10	090	5	1021.6	1	080 / 110	2-4 / 2-3	26.4	26.3	23.8
14	30° 47.2	163° 42.3	SCT	C5 C4 C3	10	050	5	1021.8	1	100	3-4	26.4	26.3	24.4
15	30 54.6	163 35.6	SCT		10	040	5	1021.1	1	100	3-4	26.6	26.5	23.3
16	31 01.7	163 29.1	SCT		10	042	5	1020.1	1	100	3-4	26.7	26.5	23.3
17	31 07.9	163 23.5	SCT		10	079	7	1020.0	1	100	3-4	26.6	26.0	23.1
18	31 17.0	163 15.3	SCT		10	071	6.6	1020.0	1	100	3-4	26.3	26.2	23.2
19	31 23.5	163 09.5	SCT		10	071	10	1020.0	1	100	3-4	26.0	26.0	23.0
20	31° 32.4 N	163° 01.4 W	SCT		10	060	6	1020.9	1	100	3-4	26.2	26.5	24.0
21	31° 40.3 N	162° 59.9 W	SCT		10	075	7	1021.3	1	100	3-4	26.5	25.6	24.0
22	31° 49.3 N	162° 03.1 W	SCT		10	090	6	1022.0	1	100	3-4	26.5	25.2	23.5
23	31° 57.4 N	163° 05.9 W	B4N		10	094	5	1021.9	1	100	3-4	26.1	25.1	23.5

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OCEANUS EXPLORER (R-337) TIME ZONE -10 DAY OF WEEK TUESDAY DATE (dd mmm yyyy) 22 AUG 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	32° 05.9	163° 08.8	BKN		10	130	4	1021.7	0-1	100	3-4	26.1	25.6	23.8
01	32° 11.3	163° 14.4	SCT		10	145	4	1021.7	0-1	100	3-4	25.9	25.3	23.5
02	32° 12.3	163° 24.9	BKN		10	130	4	1021.2	0-1	100	3-4	26.3	25.4	23.7
03	32° 13.3	163° 34.8	SCT		10	190	11	1021.1	0-1	100	3-4	26.1	25.0	24.0
04	32° 14.3	163° 44.6	SCT		10	190	10	1021.0	0-1	100	3-4	26.3	24.5	23.5
05	32° 15.2	163° 54.3	SCT		10	178	7	1021.0	0-1	100	3-4	26.3	24.5	23.5
06	32° 16.3	164° 05.3	SCT		10	181	7	1021.1	0-1	100	3-4	26.3	24.5	23.5
07	32° 13.6	164° 06.4	SCT		10	169	4	1021.9	0-1	345	3-4	26.4	25.0	23.5
08	32° 12.0 N	163° 56.8 W	BKN		10	160	8	1021.2	0-1	330	3-4	26.2	25.0	23.5
09	32° 10.9 N	163° 46.9 W	BKN		10	090	4	1021.5	0-1	330	3-4	26.5	25.6	24.0
10	32° 10.0 N	163° 35.9 W	BKN		10	110	6	1022.0	0-1	340	3-4	26.3	26.0	23.9
11	32° 09.0 W	163° 25.8 W	SCT BKN		10	110	6	1022.0	0-1	010 340	3-4	26.1	26.0	24.0
12	32° 05.6	163° 12.5	SCT		10	110	4	1022.2	0-1	000	4-5	26.2	26.7	24.5
13	32° 05.7	163° 25.7	SCT		10	110	5	1022.3	0-1	010	4-5	26.2	26.2	24.6
14	32° 06.7	163° 36.0	SCT	Ac cu	10	130	6	1022.3	0-1	340	4-5	26.3	26.6	24.8
15	32° 07.8	163° 46.7	BKN	Ac cu	10	130	6	1022.2	1	350	4-5	26.2	26.4	24.8
16	32° 08.6	163° 55.4	BKN		10	138	7	1021.1	1	000	4-5	26.4	27.1	24.8
17	32° 09.4	164° 06.1	BKN		10	130	6.6	1020.5	1	000	4-5	26.9	27.0	24.5
18	32° 05.9	163° 58.2	SCT		10	141	8	1021.1	1	000	4-5	26.5	27.0	24.3
19	<hr/>													
20	32° 03.2 N	163° 36.2 W	BKN		10	080	11	1021.3	1	000	4-5	26.5	26.1	24.5
21	32° 01.6 N	163° 22.9 W	BKN		10	090	10	1022.0	1	000	4-5	26.3	26.0	24.0
22	32° 03.4 N	163° 15.2 W	SCT		10	097	9	1022.5	1	000	4-5	26.3	26.0	24.2
23	32° 10.5 N	163° 10.6 W												BP

* 23000 MAPPING OPS

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship						TIME ZONE	DAY OF WEEK	DATE (dd mmm yyyy)						
OCEANUS EXPLORER (R-337)						-10	WEDNESDAY	23 AUG 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	32°17.3	163°12.9	SCT		10	105	11	1023.8	1	000	4-5	26.1	25.9	24.0
01	32°25.8	163°15.8	SCT		10	105	11	1023.8	1	000	4-5	25.8	25.6	24.0
02	32°34.1	163°18.8	SCT		10	105	9	1023.7	1	000	4-5	26.0	25.5	24.0
03	32°33.1	163°14.4	SCT		10	120	8	1023.3	1	000	4-5	26.0	25.4	24.0
04	32°25.0	163°11.0	SCT		10	098	15	1023.0	1	000	4-5	25.9	25.2	23.2
05	32°16.3	163°08.6	SCT		10	091	10	1023.0	1	000	4-5	25.9	25.5	24.0
06	32°07.5	163°05.6	SCT		10	095	11	1023.0	1	000	4-5	25.0	25.5	24.0
07	31°59.2	163°02.7	SCT		10	088	10	1023.2	1	000	4-5	25.9	25.9	24.5
08	31°51.3 N	162°59.9 W	SCT		10	085	10	1023.2	1-2	350/140	4-5	26.2	26.0	24.2
09	31°41.9 N	162°56.9 W	SCT		10	090	13	1023.5	1-2	120	4-5	26.1	26.0	24.0
10	31°33.7 N	162°53.9 W	SCT		10	085	14	1024.0	1-2	120	4-5	26.1	26.0	24.2
11	31°36.2 N	162°48.5 W	SCT		10	090	13	1024.0	1-2	120	4-5	26.1	26.5	25.0
12	31°44.5	162°51.1	SCT		10	090	12	1024.7	1-2	110	4-5	26.1	26.5	24.8
13	*													
14	32°00.4	162°56.0	SCT		10	085	13	1024.8	1-2	110/150	3.4/4.5	26.3	26.5	24.9
15	32°08.6	162°58.6	SCT		10	095	12	1024.0	1-2	CONF.	4-5	26.1	26.3	24.8
16	32°16.4	163°01.0	SCT		10	098	12	1023.9	1-2	CONF.	4-5	26.5	26.3	24.3
17	32°24.4	163°03.5	SCT		10	082	9	1023.2	1-2	CONF.	4-5	26.5	26.5	24.3
18	32°34.4	163°06.6	SCT		10	090	10	1023.1	1-2	CONF.	4-5	26.5	26.5	24.5
19	32°33.8	163°02.5	SCT		10	083	13	1023.9	1-2	340	4-5	26.5	26.5	25.0
20	32°25.0 N	162°59.8 W	BKN	RA	10	080	10	1024.3	1-2	340/120	4-5	26.2	25.5	24.2
21	32°15.3 N	162°56.7 W	BKN	LTG	10	090	13	1024.8	1-2	340/120	4-5	25.9	26.0	24.5
22	32°07.3 N	162°54.3 W	OVC	LTG, SH	10	085	16	1025.0	1-2	340/120	4-5	26.2	26.2	24.5
23	31°59.6 N	162°51.8 W	BKN	LTG	10	090	14	1025.0	1-2	340/120	4-5	26.3	26.0	25.0

* DRILLS

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <u>OKEANOS EXPLORER (R-337)</u>						TIME ZONE -10	DAY OF WEEK THURSDAY	DATE (dd mmm yyyy) 24 JUN 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	31° 50.3	162° 49.0	SCT		10	095	15	1025.1	1-2	340/120	4-5	26.5	26.0	23.7
01	31° 42.0	162° 46.4	SCT		10	090	15	1024.8	1-2	340/120	4-5	26.2	26.0	23.9
02	31° 34.3	162° 42.8	SCT	LTG	10	100	12	1024.0	2-3	340/120	4-5	26.4	25.8	24
03	31° 34.1	162° 42.2	SCT	SH	10	080	16	1024.2	2-3	340/120	4-5	26.1	25.6	23.8
04	31° 48.4	162° 41.5	SCT	SH ^{ADG}	10	084	15	1024.2	2-3	340/120	4-5	25.9	25.0	24.0
05	31° 58.5	162° 47.6	CLR		10	086	13	1024.2	2-3	340/120	4-5	25.9	25.0	23.5
06	32° 06.6	162° 50.0	SCT		10	081	14	1024.1	2-3	340/120	4-5	25.7	25.0	23.5
07	32° 14.7	162° 52.6	SCT		10	080	13	1024.1	2-3	340/120	4-5	25.9	25.1	23.8
08	32° 22.5 N	162° 55.0 W	SCT		10	100	12	1024.0	2-3	120	4-5	25.9	25.2	24.0
09	32° 19.4 N	162° 50.1 W	SCT		10	100	12	1024.2	2-3	120	4-5	25.8	25.9	23.9
10	32° 10.4 N	162° 49.3 W	SCT		10	095	13	1024.6	2-3	120	4-5	25.9	26.0	23.2
11	32° 02.2 N	162° 44.7 W	SCT		10	095	11	1024.2	2-3	120	4-5	26.1	26.0	23.5
12	32° 05.9	162° 42.0	SCT		10	065	10	1024.5	2-3	100	4-5	26.2	26.4	24.1
13	32° 14.5	162° 44.7	BKN		10	115	10	1024.3	2-3	040/100	4-6/4-6	26.1	26.5	24.5
14	32° 10.1	162° 39.4	SCT		10	095	11	1024.1	2-3	040/100	4-6/4-5	26.3	26.4	23.7
15														
16	32° 09.9	162° 36.0	CLR		10	090	7	1023.1	2-3	100	4-5	26.4	25.2	24.9
17	32° 13.0	162° 31.6	SCT		10	094	7	1023.1	2-3	100	4-5	26.4	25.8	24.5
18	32° 13.4	162° 20.9	BKN		10	093	8	1023.0	2-3	100	4-5	26.2	26.8	23.5
19	32° 13.7	162° 10.9	BKN		10	070	7	1023.5	2-3	100	4-5	25.9	25.9	23.5
20	32° 14.1 N	162° 00.1 W	BKN		10	074	8	1024.0	2-3	100	4-5	26.5	26.4	23.5
21	32° 16.2 N	161° 52.2 W	SCT		10	065	7	1024.0	2-3	100	4-5	26.3	25.8	23.2
22	32° 16.7 N	162° 01.6 W	SCT		10	055	8	1024.0	2-3	100	4-5	26.4	25.5	23.9
23	32° 16.3 N	162° 12.3 W	SCT		10	070	8	1024.0	2-3	100	4-5	26.0	25.2	24.8

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) TIME ZONE -10 DAY OF WEEK FRIDAY DATE (dd mmm yyyy) 25 AUG 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	32°15.9'	162°22.0'	Few		10	075	8	1024.0	2-3	100	4-5	26.2	25.4	24.0
01	32°15.5	162°32.7	SCT		10	075	9	1023.6	2-3	100	4-5	26.0	25.3	23.9
02	32°18.4	162°32.2	SCT		10	105	9	1023.4	2-3	100	4-5	26.3	25.3	23.9
03	32°18.8	162°21.8	SCT		10	090	8	1022.6	2-3	100	4-5	26.0	25.2	23.1
04	32°19.1	162°12.3	SCT		10	075	8	1021.1	2-3	100	4-5	25.9	25.2	23.2
05	32°19.5	162°01.7	BKN		10	072	10	1022.0	2-3	100	4-5	26.1	25.0	22.8
06	32°19.9	161°51.1	BKN	Sktw	10	090	11	1021.9	2-3	100	4-5	26.2	25.5	22.8
07	32°20.3	161°40.8	BKN		10	087	8	1022.0	2-3	100	4-5	26.2	25.5	22.5
08	32°20.5 N	161°31.4 W	SCT		10	070	8	1022.0	2-3	100	4-5	26.3	25.2	22.2
09	32°20.7 N	161°20.3 W	SCT		10	060	10	1022.0	2-3	100	4-5	26.2	25.2	23.0
10	32°20.8 N	161°09.3 W	SCT		10	070	10	1022.0	2-3	090	4-5	26.3	25.0	22.0
11	32°20.6 N	161°00.9 W	SCT		10	030	9	1021.9	2-3	100	4-5	26.4	25.1	22.9
12	32°17.1	161°08.1	SCT		10	070	10	1021.9	2-3	120/000	4-5/4-6	26.3	25.8	23.6
13	*													
14	32°16.9'	161°25.2'	SCT		10	060	9	1021.2	2-3	140/040	4-6/4-5	26.6	25.8	23.2
15	32°16.7'	161°35.9'	SCT		10	060	9	1020.5	1-3	140/040	4-6/4-5	26.4	25.8	23.4
16	32°16.4	161°45.7	SCT		10	069	7	1020.0	1-3	140/040	4-6	26.5	25.5	25.0
17	32°12.7	161°40.0	SCT		10	042	10	1020.0	1-3	140/040	4-6	26.5	25.9	22.5
18	32°13.2	161°29.1	SCT		10	039	10	1020.0	1-3	140/040	4-6	26.6	25.5	22.5
19	32°13.3	161°19.1	SCT		10	075	8	1020.5	1-3	140/040	4-6	26.5	25.2	22.3
20	32°13.1 N	161°15.0 W	SCT		10	105	8	1020.2	1-3	140/040	4-6	26.5	24.9	22.9
21	32°08.9 N	161°24.5 W	SCT		10	090	5	1020.9	1-3	140/040	4-6	26.5	24.9	22.5
22	32°04.4 N	161°32.9 W	SCT		10	065	6	1021.0	1-3	140/040	3-4/4-6	26.4	24.5	22.5
23	32°03.7 N	161°43.3 W	SCT		10	060	7	1021.0	1-3	040	3-4	26.4	24.2	22.5

* STEERING GEAR CASUALTY DRILL

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) TIME ZONE -10 DAY OF WEEK SAURDAY DATE (dd mmm yyyy) 26 AUG 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	32°03.1 N	161°53.7 W	SCT		10	060	4	1020.8	0-1	040	3.4	26.4	24.7	23.8
01	32°02.7	162°03.8	SCT		10	060	8	1020.3	0-1	040	3.4	26.5	24.6	22.7
02	32°02.7	162°13.8	FEW		10	045	7	1020.0	0-1	040	3.4	26.4	24.8	22.3
03	31°59.4	162°13.5	SCT		10	070	6	1019.6	0-1	040	3.4	26.2	24.5	22.5
04	31°59.3	162°04.0	SCT		10	100	5	1019.1	0-1	040	3.4	26.4	24.5	22.2
05	31°56.2	162°00.7	SCT		10	065	4	1019.2	0-1	040	3.4	26.4	24.5	22.2
06	31°56.1	162°11.3	BKN		10	060	5	1018.9	0-1	040	3.4	26.2	24.2	22.0
07	31°56.1	162°21.0	BKN		10	340	4	1019.1	0-1	040	3.4	26.3	24.2	22.2
08	31°56.1 N	162°31.7 W	SCT		10	120	4	1019.0	0-1	130	3.4	25.8	24.2	21.5
09	31°55.8 N	162°41.4 W	SCT		10	060	4	1019.1	0-1	130	3.4	26.0	25.0	22.5
10	31°52.9 N	162°32.7 W	SCT		10	030	3	1019.6	0-1	110	3.4	26.1	25.1	22.3
11	31°53.0 N	162°21.9 W	FEW		10	345	5	1019.5	0-1	110	3.4	26.0	25.1	22.3
12	31°53.0	162°12.0	SCT		10	100	6	1020.1	0-1	110	4.5	26.4	26.2	23.0
13	31°53.1	162°01.4'	SCT		10	VAR LT	VA	1019.5	0-1	110	4.5	26.4	25.6	22.5
14	31°53.7	161°58.0	SCT		10	075	3	1019.8	0-1	110	4.5	26.0	25.2	23.0
15	31°53.1	161°48.9	SCT		10	095	LT	1019.4	0-1	110	4.5	26.1	26.0	22.8
16	31°53.1	161°37.5	SCT		10	VAR	LT	1019.0	0-1	110	4.5	26.2	26.3	22.5
17	31°53.1	161°28.4	SCT		10	VAR	LT	1018.5	0-1	110	4.5	26.3	26.2	22.5
18	31°53.1	161°18.2	SCT		10	103	1	1018.5	0-1	110	4.5	26.5	26.8	22.8
19	31°49.9	161°21.4	SCT		10	VAR	LT	1019.1	0-1	110	4.5	26.5	26.8	22.8
20	31°49.9 N	161°32.7 W	SCT		10	320	3	1019.0	0-1	110	3.4	26.1	25.1	22.5
21	31°49.8 N	161°43.9 W	SCT		10	VAR 030	LT 3	1019.9	0-1	110	3.4	26.8	25.0	22.3
22	31°49.9 N	161°54.5 W	SCT		10	VAR	LT	1020.0	0-1	110	3.4	26.4	24.9	22.2
23	31°49.7 N	162°05.4 W	SCT		10	VAR	LT	1020.0	0-1	110	3.4	26.2	25.0	22.3

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <u>OKEANOS EXPLORER (R-337)</u>						TIME ZONE <u>-10</u>	DAY OF WEEK <u>SUNDAY</u>	DATE (dd mmm yyyy) <u>27 AUG 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	31°49.7	162°14.7	FEW		10	325	3	1019.8	0-1	110	3.4	26.4	25.3	22.2
01	31°47.1	162°22.7	FEW		10	185	LT	1020.3	0-1	110	3-4	26.3	25.0	22.1
02	31°46.5	162°13.3	SCT		10	VAR	LT	1019.0	0	110	3-4	26.6	25.0	22.3
03	31°43.2	162°11.4	FEW		10	215	5	1018.8	0	110	3-4	27.0	24.9	22.6
04	31°43.3	162°19.8	FEW		10	265	4	1018.9	0	110	3-4	26.3	25.0	21.9
05	31°43.4	162°31.5	FEW		10	250	6	1019.0	0	110	3-4	26.2	24.5	22.5
06	31°41.4	162°37.3	SCT		10	251	3	1019.0	0	110	3-4	26.3	24.9	22.5
07	31°40.0	162°27.5	SCT		10	233	3	1019.8	0	110	3-4	26.4	25.0	22.8
08	31°40.1 N	162°17.6 W	BKN		10	260	4	1019.5	0-1	110	3-4	26.7	25.0	22.5
09	31°36.8 N	162°13.3 W	SCT		10	245	7	1019.2	0-1	100	3-4	26.6	25.6	22.3
10	31°36.6 N	162°22.9 W	SCT		10	238	9	1019.4	0-1	100	3-4	26.7	25.9	22.9
11	31°33.1 N	162°29.4 W	BKN		10	235	9	1019.2	0-1	100	3-4	26.7		
12	31°23.9	162°23.8	BKN		10	250	9	1019.9	0-1	130	3-4	26.7	25.8	23.1
13	31°16.6	162°28.0	BKN		10	290	6	1019.7	1-2	110	3-4	26.7	26.1	23.5
14	31°14.0	162°22.7	BKN	CS 8 AS 6 CU 1	10	280	11	1019.4	1-2	080	3-4	26.8	26.1	23.0
15	*													
16	31°08.7	162°21.4	OVC		10	276	8	1018.1	1-2	080	3-4	26.8	27.0	23.5
17	30°51.0	162°22.0	OVC		10	265	10	1018.1	1	120	3-4	26.9	26.5	23.2
18	30°39.8	162°23.5	OVC		10	283	7	1018.1	1-2	120	3-4	27.0	26.5	23.5
19	30°30.5	162°24.6	OVC		10	285	6	1018.1	1-2	120	3-4	27.2	26.2	23.2
20	30°16.9 N	162°26.5 W	OVC		10	285	6	1019.2	1-2	120	3-4	27.1	25.9	22.8
21	30°05.9 N	162°28.1 W	BKN		10	300	6	1019.9	1-2	120	3-4	26.9	25.7	22.7
22	29°54.2 N	162°29.5 W	SCT		10	280	5	1020.0	1-2	120	3-4	26.9	25.7	23.0
23	29°42.1 N	162°31.1 W												*

* M/V/S SMALL DEAT RECOVERY
* 2300 STAR CALCULATING

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <u>OKEANOS EXPLORER (R-337)</u>				TIME ZONE <u>-10</u>	DAY OF WEEK <u>MONDAY</u>	DATE (dd mmm yyyy) <u>28 AUG 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	29° 34.0'	162° 32.2'	SCT		10	290	LT	1020.0	0-1	120	3-4	27.2	26.0	23.0
01	29 23.4	162 33.6	FEW		10	VAR	LT	1019.9	0-1	050	3-4	27.4	25.8	23.1
02	29° 13.6	162° 34.9	FEW		10	290	3	1019.5	0-1	050	3-4	27.2	25.9	22.8
03	29° 03.4	162° 36.2	FEW		10	VAR	LT	1019.0	0-1	050	3-4	27.4	25.9	22.8
04	28° 53.7	162° 37.4	FEW		10	309	4	1018.9	0-1	050	3-4	27.3	25.8	22.8
05	28° 45.0	162° 34.4	FEW		10	317	3	1018.9	0-1	050	3-4	27.3	25.5	22.5
06	28° 38.4	162° 31.2	FEW		10	300	4	1018.9	0-1	065	3-4	26.8	25.5	22.5
07	28° 43.8	162° 38.3	SCT		10	318	5	1018.9	0-1	065	2-3	27.1	25.5	22.5
08	28° 42.1 N	162° 41.7 W	SCT		10	340	6	1019.8	0-1	110	2-3	27.1	26.9	23.3
09	28° 35.1 N	162° 31.3 W	SCT		10	335	5	1019.6	0-1	100	2-3	27.1	27.0	23.5
10	28° 36.4 N	162° 23.2 W	FEW		10	324	5	1019.9	0-1	090	2-3	27.3	26.2	23.0
11	28° 37.9 N	162° 13.5 W	FEW		10	300	3	1019.9	0-1	090	2-3	27.3	26.3	22.9
12	28° 39.7	162° 01.4	SCT		10	000	3	1019.9	0-1	050 / 130	3-4 / 2-3	27.4	27.0	23.0
13	28° 41.4	161° 50.5	SCT	ci	10	VAR	LT	1019.8 / 1018.8	0-1	050 / 130	3-4 / 2-3	27.3	27.3	23.6
14	28° 32.1	161° 44.1	SCT	ci cu	10	270	LT	1019.1	0-1	060 / 620 / 100	2-3 / 3-4	27.4	27.7	23.6
15	28 23.4	161 38.8	SCT	ci cu	10	265	3	1018.5	0-1	020 / 100	2-3 / 3-4	27.4	27.6	23.5
16	28° 14.1	161 33.0	SCT		10	VAR	LT	1018.2	0	100	2-3	27.7	27.0	23.0
17	28° 04.6	161° 27.2	SCT		10	VAR	LT	1018.4	0-1	160	2-3	28.0	26.9	22.8
18	27° 56.4	161 22.1	SCT		10	010	5	1018.1	0-1	100	2-3	28.0	26.8	22.8
19	27° 48.7	161° 15.2	SCT		10	012	5	1018.5	0-1	100	2-3	27.7	26.8	22.8
20	27° 39.3 N	161° 08.9 W	SCT		10	050	6	1019.0	0-1	100	2-3	27.8	26.2	22.5
21	27° 28.2 N	160° 04.6 W	SCT		10	050	6	1019.2	0-1	100	2-3	27.8	26.5	22.5
22	27° 18.4 N	161° 00.8 W	SCT		10	040	7	1019.2	0-1	100	2-3	27.8	26.5	23.0
23	27° 13.8 N	160° 55.7 W	SCT		10	055	7	1019.0	0-1	080	2-3	27.9	26.8	22.5

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <u>OCEANUS EXPLORER (R-337)</u>					TIME ZONE	DAY OF WEEK	DATE (dd mmm yyyy)							
TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE	LONGITUDE				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
	N	W												
00	27°18.6	160°45.1	FEW		10	040	8	1019.2	0-1	080	2-3	27.8	26.2	23.0
01	27°13.5	160°45.0	FEW		10	070	7	1019.2	0-1	080	2-3	28.0	26.5	23.4
02	27°05.0	160°47.1	SCT		10	075	6	1018.7	0-1	080	2-3	27.8	26.0	23.8
03	26°57.8	160°46.4	SCT		10	080	4	1018.3	0-1	080	2-3	27.7	25.9	23.9
04	27°00.4	160°43.5	SCT		10	041	4	1018.0	0-1	080	2-3	27.7	25.9	23.9
05	27°14.3	160°41.5	SCT		10	040	5	1018.1	1	080	2-3	27.7	25.9	23.9
06	27°16.1	160°37.9	SCT		10	050	5	1018.1	1	080	2-3	27.7	25.9	22.9
07	27°07.2	160°39.7	SCT		10	130	4	1019.1	1	080	2-3	27.7	26.1	23.3
08	26°59.3 N	160°41.9 W	FEW		10	100	5	1019.0	1	080 140	2-3	27.7	26.0	24.0
09	26°46.9 N	160°45.9 W	FEW		10	LT	VAR	1019.5	1	080 140	2-3	27.6	25.0	24.2
10	26°39.8 N	160°48.7 W	SCT		10	LT	VAR	1019.4	1	090 140	2-3	27.7	27.0	23.2
11	26°29.2 N	160°39.9 W	SCT		10	090	5	1019.4	1	100	2-3	27.6	27.1	23.5
12	26°22.2	160°33.0	SCT		10	110	5	1019.7	1	090 140	2-3	27.5	27.3	23.4
13	26°15.1	160°26.0	SCT	As Cu	10	060	5	1019.1	1	090 140	3-4	27.7	27.7	24.2
14	26°07.0	160°18.4	SCT	ci cu	10	080	8	1018.8	1-2	090 160	1-3 3-4	27.4	27.3	23.0
15	25°59.4	160°11.2	SCT	ci cu	10	095	7	1018.2	1	140	2-3	27.7	27.2	22.9
16	25°52.0	160°05.3	SCT		10	094	7	1017.2	1	140	2-3	27.7	27.1	23.5
17	25°46.6	160°15.0	SCT		10	091	9	1017.2	1	140	2-3	27.7	27.2	23.0
18	25°38.0	160°10.1	SCT		10	060	6	1017.8	1	140	2-3	28.0	27.0	23.9
19	25°42.2	160°00.7	SCT		10	093	12	1018.0	1	140	2-3	27.8	27.0	23.5
20	25°34.2 W	159°54.4 W	SCT		10	088	14	1018.5	1	140	2-3	27.7	27.0	23.5
21	25°24.9 N	159°51.9 W	SCT	DZ	10	075	8	1019.0	1	140	2-3	27.6	26.0	23.9
22	25°14.9 N	159°48.5 W	SCT		10	090	12	1019.0	1	140	2-3	27.4	27.0	24.5
23	25°04.6 N	159°44.7 W	BKN	SH-	10	090	15	1018.5	1	140	2-3	27.4	27.0	26.6

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship				TIME ZONE		DAY OF WEEK		DATE (dd mmm yyyy)						
OCEANUS EXPLORER (R-337)				-10		WEDNESDAY		30 AUG 2017						
TIME	POSITION		SKY CON-DITION	PRESENT WEATHER	VISI-BILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE N	LONGITUDE W				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	24°36.4	159°41.6	FEW		10	100	13	1018.4	1	140	2-3	27.4	26.4	24.8
01	24°46.4	159°38.1	FEW		10	100	12	1017.9	1-2	140	3-4	27.4	26.8	23.6
02	24°35.8	159°34.3	FEW		10	095	10	1017.4	1-2	140	3-4	27.3	26.7	24.0
03	24°26.0	159°30.8	FEW		10	090	11	1016.5	1-2	140	3-4	27.3	26.5	24.2
04	24°16.2	159°27.3	SCT		10	082	11	1016.6	1-2	140	3-4	27.3	26.0	24.5
05	24°06.2	159°24.0	SCT		10	074	10	1016.9	1-2	140	3-4	27.1	26.0	24.5
06	23°55.7	159°22.0	SCT		10	090	15	1016.9	1-2	140	3-4	27.1	26.0	24.5
07	23°45.6	159°18.5	SCT		10	090	15	1017.0	2-3	140	3-4	27.1	26.7	25.0
08	23°35.8 N	159°15.0 W	BKN		10	090	13	1017.2	2-3	140	3-4	27.2	26.5	25.0
09	23°25.4 N	159°11.3 W	BKN	OZ-	10	130	9	1017.8	2-3	140	3-4	27.2	26.0	24.5
10	23°14.7 N	159°09.6 W	SCT		10	100	11	1017.9	2-3	140	3-4	27.2	27.0	24.2
11	23°04.6 N	159°04.0 W	SCT		10	120	15	1017.6	2-3	140	4-5	27.2	27.1	24.2
12	22°56.2'	158°59.8'	SCT		10	090	12	1017.9	2-3	140	4-5	27.3	27.3	24.5
13	22°46.8	158°56.6	FEW		10	090	15	1017.2	2-3	140	4-5	27.5	27.3	24.5
14	22°36.8'	158°53.1	SCT ^{3KN}		10	090	16	1016.5	2-3	110	4-5	27.6	27.3	24.8
15	*22°25.8	158°49.2	SCT		10	095	19	1015.6	2-3	100	4-5	27.5	29.0	25.8
16	22°20.2	158°47.3	SCT		10	091	18	1015.0	2-3	100	4-5	27.5	29.0	26.0
17	22°10.7	158°44.0	SCT		10	080	17	1015.0	2-3	100	4-5	27.2	28.2	26.0
18	22°00.9	158°40.6	SCT		10	084	20	1014.8	2-3	100	4-5	27.2	28.2	26.0
19	21°51.0	158°37.1	SCT		10	090	22	1015.0	2-3	100	4-5	27.1	27.0	26.0
20	21°40.7	158°33.6	BKN		10	090	20	1015.2	2-3	100	4-5	27.1	27.2	24.2
21	21°31.4 N	158°30.4	SCT		10	070	15	1015.9	2-3	180	4-5	27.5	27.2	23.5
22	21°23.1 N	158°26.0 W	SCT		10	099	16	1016.2	2-3	100	4-5	27.5	27.5	23.2
23	21°17.8 N	158°22.5 W	FEW		10	075	13	1016.3	2-3	100	4-5	27.2	27.1	23.5

*1518 COORDINATES RECORDED

DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <u>OCEANUS EXPLORER (R-337)</u>						TIME ZONE <u>-10</u>	DAY OF WEEK <u>Thursday</u>	DATE (dd mmm yyyy) <u>31 AUG 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	LONGITUDE				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	<u>21°12.2</u> <u>N</u>	<u>158°18.5</u> <u>W</u>	<u>FEW</u>		<u>10</u>	<u>070</u>	<u>13</u>	<u>1015.9</u>	<u>2-3</u>	<u>100</u>	<u>4-4</u>	<u>27.2</u>	<u>26.9</u>	<u>23.8</u>
01	<u>21°07.0</u>	<u>158°14.2</u>	<u>FEW</u>		<u>10</u>	<u>070</u>	<u>19</u>	<u>1016.1</u>	<u>2-3</u>	<u>100</u>	<u>3-4</u>	<u>27.0</u>	<u>26.7</u>	<u>24.3</u>
02	<u>21°02.1</u>	<u>158°10.2</u>	<u>FEW</u>		<u>10</u>	<u>065</u>	<u>21</u>	<u>1015.2</u>	<u>2-3</u>	<u>100</u>	<u>3-5</u>	<u>26.9</u>	<u>26.4</u>	<u>24.0</u>
03	<u>21°05.4</u>	<u>158°08.0</u>	<u>FEW</u>		<u>10</u>	<u>070</u>	<u>20</u>	<u>1015.2</u>	<u>2-3</u>	<u>100</u>	<u>3-5</u>	<u>26.8</u>	<u>26.5</u>	<u>24.0</u>
04	<u>21° 10.5</u>	<u>158°05.4</u>	<u>FEW</u>		<u>10</u>	<u>070</u>	<u>20</u>	<u>1015.0</u>	<u>2-3</u>	<u>100</u>	<u>3-5</u>	<u>27.2</u>	<u>26.3</u>	<u>22.9</u>
05	<u>21° 13.8</u>	<u>158°01.1</u>	<u>FEW</u>		<u>10</u>	<u>047</u>	<u>11</u>	<u>1015.0</u>	<u>2-3</u>	<u>100</u>	<u>3-5</u>	<u>27.1</u>	<u>26.0</u>	<u>22.8</u>
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