

## DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <u>OKEANOS EXPLORER (R-337)</u>						TIME ZONE <u>-10</u>	DAY OF WEEK <u>WEDNESDAY</u>	DATE (dd mmm yyyy) <u>06 SEP 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														
01														
02														
03														
04														
05														
06														
07														
08														
09														
10														* BP
11														* BP
12	21° 12.8'	157° 54.0'	FEW		10	100	16	1014.2	2-3	100	3-4	-	28.2	25.1
13	21° 11.8	158° 04.6	FEW		10	<del>100</del> 100	16	1014.5	2-3	100	3-4		27.6	26.4
14	21° 16.2	158° 11.4	FEW		10	270	7	1014.2	1-2	110	3-4		27.8	28.2
15	21° 23.5	158° 18.9	FEW		10	190	7	1013.4	1-2	310	3-4		28.1	28.1
16	21° 32.5	158° 21.1	FEW		10	060	22	1012.5	2-3	020	4-5		27.0	27.0
17	21° 42.3	158° 22.3	FEW		10	080	14	1013.0	2-3	020	4-6		27.3	26.8
18	21° 52.4	158° 22.2	FEW		10	085	15	1013.4	2-3	010	4-6		27.6	26.8
19	22° 01.0 N	158° 22.1	FEW		10	096	17	1014.3	2-3	010	4-6		27.6	26.9
20	22° 14.4 N	158° 22.0 W	FEW		10	090	14	1014.5	2-3	010	4-6		27.6	26.8
21	22° 25.1 N	158° 21.9 W	SCT		10	090	12	1015.3	2-3	010	4-6		27.6	26.6
22	22° 35.9 N	158° 21.8 W	SCT		10	116	12	1016.1	2-3	010	4-6		27.5	26.5
23	22° 47.1 N	158° 21.7 W	FEW		10	110	13	1015.8	2-3	010	4-6		27.5	26.2

#1000, 1100 USCG HELO OPS

## DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OCEANOS EXPLORER (R-337)      TIME ZONE -10      DAY OF WEEK THURSDAY      DATE (dd mmm yyyy) 07 SEP 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	22°58.2' N	158°21.6' W	FEW		10	115	10	1015.9	2-3	350	4-6	27.9	26.8	24.1
01	23°09.6'	158°21.5'	SCT		10	110	12	1015.6	2-3	340	4-6	27.8	26.8	24.1
02	23°18.4'	158°21.5'	FEW		10	140	11	1015.4	2-3	340	5-7	27.9	26.7	24.0
03	23°20.9'	158°19.3'	FEW		10	120	14	1015.3	2-3	340	5-7	27.9	26.8	23.8
04	23°14.1' N	158°19.9' W	SCT		10	130	12	1015.0	2-3	340	5-7	27.9	27.0	24.5
05	23°18.8' N	158°23.5' W	SCT		10	140	14	1015.5	2-3	<del>340</del> <sup>325</sup>	5-7	27.6	26.8	24.2 <span style="float: right;">GMS</span>
06	23°18.6' N	158°21.5' W	SCT		10	130	12	1015.5	2-3	345	5-7	27.6	27.2	24.0
07	23°18.7' N	158°21.5' W	SCT		10	120	15	1015.5	2-3	340	5-7	27.6	27.5	23.9
08	23°17.9' N	158°21.3' W	FEW		10	114	10	1016.0	2-3	340	5-7	27.7	27.1	26.5
09	23°18.3' N	158°21.4' W	SCT		10	115	10	1016.2	2-3	<del>340</del> <sup>020</sup>	5-7	27.6	27.2	24.6
10	23°18.4' N	158°21.4' W	SCT		10	100	09	1016.9	2-3	<del>340</del> <sup>020</sup>	5-7	27.6	27.5	24.5
11	23°18.5' N	158°21.4' W	SCT		10	120	14	1016.9	2-3	<del>340</del> <sup>020</sup>	5-7	27.6	27.9	24.9
12	23°18.5'	158°21.4'	SCT		10	115	14	1017.2	2-3	CONF	5-7	27.6	27.7	24.7
13														
14														
15														
16	23°22.8'	158°20.8'	SCT		10	105	17	1015.1	2-4	<del>340</del> <sup>CONF</sup>	6-8	27.7	27.2	23.5
17														
18	23°44.6'	158°18.6'	BKN		10	100	20	1016.3	2-4	<del>340</del> <sup>CONF</sup>	6-9	27.8	27.2	23.8
19	23°55.3'	158°17.5'	BKN		10	116	18	1016.8	2-4	CONF	6-9	27.7	27.0	23.4
20	24°05.8' N	158°16.4' W	BKN		10	095	20	1016.9	2-4	CONF	6-9	27.8	27.5	24.5
21	24°16.1' N	158°15.3' W	BKN		10	100	18	1018.0	2-4	<del>020</del> <sup>CONF</sup>	6-9	27.6	27.2	24.5
22	24°26.9' N	158°14.2' W	BKN		10	100	19	1018.0	2-4	<del>020</del> <sup>CONF</sup>	6-9	27.6	24.5	27.1
23	24°36.8' N	158°13.2' W	SCT		10	110	19	1019.1	2-4	<del>020</del> <sup>CONF</sup>	6-9	27.5	26.9	24.2



## DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OCEANUS EXPLORER (R-339)      TIME ZONE -10      DAY OF WEEK FRIDAY      DATE (dd mmm yyyy) 08 SEP 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°47.3'	158°12.1'	FEW		10	120	21	1018.5	3-4	<del>020</del> / CONF	6-8	27.5	27.3	23.8
01	24°57.8'	158°11.0'	SCT		10	120	18	1018.6	2-3	<del>020</del> / CONF	5-7	27.5	27.0	23.8
02	25°08.3'	158°10.5'	FEW		10	120	16	1018.5	2-3	CONF	4-6	27.5	27.0	23.8
03	25°18.8'	158°10.6'	FEW		10	120	12	1018.2	2-3	140	4-5	27.5	26.9	23.8
04	25°29.4'N	158°10.7'W	FEW		10	120	14	1018.9	2-3	CONF	4-6	27.6	27.0	24.0
05	25°34.0'N	158°12.3'W	FEW		10	110	12	1019.0	2-3	CONF	4-5	27.6	26.8	24.0
06	25°32.6'N	158°13.5'W	<del>SCT</del> BKN		10	100	10	1019.4	2-3	CONF	4-5	27.6	26.5	23.9
07	25°33.2'N	158°13.0'W	SCT		10	090	8	1019.5	2-3	110	4-5	27.6	25.0	22.5
08	25°33.2'N	158°13.2'W	SCT	DZ	10	120	13	1018.9	2-3	<del>110</del> / <del>020</del> / 110	4-5	27.6	26.0	24.0
09	25°33.3'N	158°12.9'W												*
10	25°33.3'N	158°12.9'W	FEW		10	120	14	1018.8	2-3	<del>110</del> / 140	5-6	27.6	27.3	24.2
11	25°33.2'N	158°12.8'W	FEW		10	115	13	1018.5	2-3	<del>110</del> / 140	5-6	27.7	27.7	24.3
12	25°33.2'	158°12.8'	FEW		10	120	13	1019.1	2-3	140	5-6	27.7	27.7	23.3
13	25°33.2'	158°12.9'												
14	25°33.2'	158°12.9'	SCT		10	110	13	1018.5	2-3	130	5-7	27.9	27.7	24.2
15	25°33.2'	158°12.9'	SCT		10	120	13	1018.0	2-3	120	5-7	27.9	27.7	23.8
16	25°33.0'	158°12.6'	BKN		10	120	13	1017.0	2-3	120	6-8	27.9	29.8	25.2
17														
18	25°37.9'	158°19.0'	FEW		10	105	12	1018.1	2-3	<del>160</del> / 110	5-7	27.8	28.3	25.0
19	25°45.0'	158°27.7'	FEW		10	105	12	1018.5	1-2	<del>160</del> / 110	5-7	27.9	27.2	24.0
20	25°51.0'N	158°35.9'W	SCT		10	110	13	1019.0	1-2	<del>160</del> / 110	5-7	27.8	27.5	24.6
21	25°58.5'N	158°44.2'W	SCT		10	110	12	1019.0	1-2	<del>160</del> / 110	4-5	27.9	27.1	24.5
22	26°05.6'N	158°52.7'W	SCT		10	115	10	1019.2	1-2	<del>160</del> / 110	4-5	27.8	26.7	24.5
23	26°11.8'N	159°01.0'W	FEW		10	110	10	1019.0	1-2	<del>160</del> / 110	4-5	27.6	26.5	23.5

\* 0900 TROUBLE SHOOTING

## DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship						TIME ZONE	DAY OF WEEK	DATE (dd mmm yyyy)						
OCEANUS EXPLORER (R-339)						-10	SATURDAY	09 SEP 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	26° 11.3'	159° 10.4'	FEW		10	110	10	1019.4	1-2	<del>130</del> 040	4-5	27.8	26.9	23.6
01	26° 11.2'	159 19.6'	FEW		10	135	10	1019.0	1-2	<del>040</del> 140	4-5	27.8	27.0	23.5
02	26° 13.3'	159° 12.9'	SCT	SH -	10	090	11	1018.5	1-2	<del>080</del> 140	4-5	27.7	26.3	23.0
03	26° 13.8'	159° 03.5'	SCT		10	115	10	1018.2	1-2	<del>120</del>	5-7	27.6	26.9	23.5
04	26° 15.9'N	159° 04.3'W	SCT		10	120	10	1018.2	1-2	140	5-7	27.5	26.5	24.0
05	26° 15.4'N	159° 14.3'W	BKN		10	115	10	1018.2	1-2	140	4-6	27.5	27.0	23.8
06	26° 13.5'N	159° 09.0'W	BKN		10	150	15	1018.5	1-2	130	4-6	27.5	26.3	23.3
07	26° 13.5'N	159° 08.9'W	SCT		10	140	10	1018.9	1-2	130	4-6	27.6	26.8	23.9
08	26° 13.4 N	159° 08.9 W	SCT		10	140	10	1018.3	1-2	130	4-6	27.6	27.0	23.3
09	26° 13.3 N	159° 08.8 W	SCT		10	140	13	1018.7	1-2	130	4-6	27.7	27.2	23.2
10	26° 13.3 N	159° 08.8 W	FEW		10	140	10	1018.7	1-2	130	4-6	27.7	28.5	23.5
11	26° 13.3 N	159° 08.7 W	FEW		10	150	9	1018.5	1-2	130	4-6	27.7	27.5	24.0
12	26° 13.3'	159° 08.7'	FEW		10	125	9	1018.8	1-2	130	4-6	27.8	27.9	23.6
13	26° 13.4	159° 08.6	FEW		10	140	9	1018.4	1-2	130	4-5	27.8	28.3	23.9
14	26° 13.4	159° 08.5	SCT		10	135	10	1018.0	1-2	130	4-5	27.8	28.0	23.6
15	26° 13.4'	159° 08.5'	SCT		10	140	9	1017.5	1-2	140	4-5	27.9	27.7	23.5
16	26° 13.2'	159° 08.3	BKN		10	140	8	1017.0	1-2	140	4-5	27.9	31.8	25.3
17	26° 12.6'	159° 07.6'	SCT		10	130	7	1016.4	1-2	140	4-5	27.8	<del>27.8</del> 23.5	23.5
18	26° 13.1'	159° 08.9'	SCT		10	130	6	1017.5	1-2	140	4-5	27.8	31.0	25.3
19	26° 17.9 N	159° 16.3 W	SCT		10	130	5	1017.4	1-2	140	4-5	27.8	27.3	23.5
20	26° 23.1 N	159° 26.1 W	SCT		10	120	3	1019.0	1-2	140	4-5	27.7	26.6	23.3
21	26° 28.4 N	159° 35.9 W	SCT		10	140	5	1019.6	1-2	140	4-5	27.8	26.7	23.5
22	26° 33.1 N	159° 44.8 W	SCT		10	130	5	1019.0	1-2	140	4-5	27.8	26.9	23.4
23	26° 38.3 N	159° 54.6 W	SCT		10	170	6	1018.6	<del>1-2</del> 0-1	140	2-4	27.7	26.9	23.6

B/P

\*Shade Side



### 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>10 SEP 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	26°43.8	160°04.9	FEW		10	160	10	1018.4	1	140	3-4	27.7	26.0	23.0
01	26°49.6	160°09.7	FEW		10	160	11	1017.7	1	140	4-5	27.7	26.7	22.3
02	26°54.3	160°15.0	FEW		10	145	7	1017.3	12	140	4-5	27.7	26.0	23.0
03	26°58.0	160°26.2	FEW		10	175	11	1017.0	1-2	160	4-5	27.7	26.6	23.1
04	27°02.0'N	160°36.5'W	FEW		10	175	10	1017.0	1	150	4-5	27.7	26.3	23.4
05	27°10.3'N	160°34.5'W	SCT		10	170	10	1017.0	1	150	3-4	27.7	26.4	23.7
06														
07	27°14.8'N	160°38.1'W	SCT		10	180	10	1017.2	1	140	3-4	27.7	26.3	23.2
08	27°14.8'N	160°38.2'W	SCT		10	190	11	1017.2	1	140	3-4	27.6	26.9	24.2
09	27°14.7'N	160°38.0'W	SCT		10	210	5	1017.4	1	130	3-4	27.6	28.5	27.0
10	27°14.6'N	160°37.9'W	SCT		10	240	9	1017.6	1-2	140 200	3-4	27.6	28.3	25.6
11	27°14.7'N	160°39.9'W	SCT		10	200	10	1017.3	1-2	170 340	3-4	27.7	28.2	25.0
12	27°14.7'N	160°38.0'W	SCT		10	205	10	1017.2	1-2	080 160	4-5 3-4	27.8	27.4	23.9
13	27°14.8'N	160°38.0'W	SCT		10	220	11	1016.8	1-2	110 180	3-4	27.9	27.7	23.9
14	27°14.8'N	160°38.0'W	SCT	ci ch2 ca	10	210	11	1016.5	1-2	100 160	4-5 3-4	27.9	27.7	23.8
15	27°14.9'N	160°38.0'W	SCT		10	210	12	1016.1	1-2	120 180	3-4	27.9	27.7	24.2
16	27°14.9'N	160°38.0'W	BKN		10	195	10	1016.0	1-2	100 170	3-4	27.9	27.5	23.8
17	27°14.9'N	160°38.0'W	BKN		10	205	9	1015.8	1-2	110 140	3-5	27.9	27.5	23.5
18	27°14.9'N	160°38.0'W	FEW		10	220	10	1015.8	1-2	110 160	3-5	27.8	27.3	23.5
19	27°14.5'N	160°39.8'W	FEW		10	220	9	1015.3	1-2	110 160	3-5	27.8	27.0	23.5
20	27°13.4'N	160°45.5'W	FEW		10	210	10	1015.9	1-2	110 160	3-5	27.9	27.2	23.5
21	27°14.1'N	160°54.7'W	FEW		10	190	8	1016.0	1-2	110 160	3-5	27.7	27.0 23.9	23.9 23.2
22	27°24.0'N	160°58.4'W	FEW		10	200	11	1015.9	1-2	110 160	3-5	27.7	27.1	25.0
23	27°32.6'N	161°02.6'W	SCT		10	190	12	1015.2	1-2	310 150	3-5	27.8	27.2	24.5

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship						TIME ZONE	DAY OF WEEK	DATE (dd mmm yyyy)						
OCEANOS EXPLORER (R-337)						-10	MONDAY	11 SEP 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°42.4'	161°06.3'	SCT		10	210	12	1015.5	2	130 290	4-5	28.0	26.3	24.4
01	27°49.9'	161°11.1'	BKN		10	225	16	1014.7	2-3	110 280	4-5	27.9	26.4	24.5
02	27°56.1	161°05.1	BKN		10	235	16	1014.3	1-2	080 270	4-5	27.9	27.4	24.7
03	28°01.4	161°04.9	BKN	CC AC SC	10	215	17	1013.6	1-2	080 270	4-5	27.9	26.4	24.8
04	28°01.9'N	161°22.4'W	BKN		10	230	20	1013.2	1-2	070 250	4-5	27.9	26.5	24.6
05	27°56.4'N	161°18.6'W	SCT		10	250	20	1013.0	1-2	080 250	4-5	27.9	26.8	24.5
06	27°50.2'N	161°17.3'W	OVC	DZ	8	270	22	1012.8	1-2	260	4-5	27.9	24.5	24.0
07	27°50.2'N	161°17.4'W	BKN		10	250	12	1013.9	1-2	260	4-5	27.9	25.6	24.2
08	27°50.2'N	161°17.4'W	BKN		10	250	20	1013.2	1-2	260 040	4-5	27.8	26.5	24.3
09	27°50.2'N	161°17.7'W	BKN		10	245	16	1014.0	1-2	260 040	4-5	27.8	26.7	24.5
10	27°50.2'N	161°17.6'W	BKN		10	230	17	1013.9	1-2	260 040	4-5	27.9	27.0	25.0
11	27°50.2'N	161°17.6'W	S	RA	6	251	16	1013.9	1-2	320 210	4-5	27.7	27.0	25.0
12	27°50.3'	161°17.6'	OVC	RA-	8	270	3	1014.1	2-3	290 040	4-5	27.9	25.0	24.8
13	27°50.4'	161°17.6'	BKN		10	235	4	1013.2	2-3	300	6-8	27.9	26.1	24.6
14	27°50.4'	161°17.5'	BKN OVC	RA	2-3	355	13	1012.9	2-3	340 040	6-7	28.0	26.2	24.9
15	27°50.5'	161°17.5'	OVC		8-10	030	18	1012.5	2-3	330	5-6	28.0	25.0	24.2
16	27°50.8'	161°17.6'	OVC		8	045	20	1012.3	2-4	350	6-8	27.9	24.0	23.0
17	27°51.7'	161°17.4'	OVC	RA-	6-8	050	16	1012.4	2-4	350	6-8	27.9	24.1	23.0
18														
19	27°56.5'	161°15.8'	OVC		8-10			1012.7						
20	28°03.9'N	161°21.6'W	OVC		8-10	055	13	1013.0	2-4	350	6-8	27.8	25.5	23.5
21	28°13.1'N	161°27.6'W	OVC		8-10	062	13	1013.5	2-4	350	6-8	27.6	25.5	23.5
22	28°22.9'N	161°33.9'W	OVC	DZ	8-10	060	17	1013.9	2-4	350	6-8	27.5	25.7	23.0
23	28°30.2'N	161°37.8'W	SCT		8-10	050	16	1013.9	2-4	350	8-9	27.3	25.6	23.0



### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <i>OCEANOS EXPLORER (R-337)</i>					TIME ZONE <i>-10</i>	DAY OF WEEK <i>TUESDAY</i>	DATE (dd mmm yyyy) <i>12 SEP 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>28°39.6</i>	<i>161°38.3</i>	<i>BKN</i>		<i>10</i>	<i>060</i>	<i>21</i>	<i>1013.9</i>	<i>2-4</i>	<i>350</i>	<i>8-9</i>	<i>27.1</i>	<i>25.8</i>	<i>23.1</i>
01	<i>28°46.6</i>	<i>161°46.6</i>	<i>BKN</i>		<i>10</i>	<i>055</i>	<i>23</i>	<i>1014.0</i>	<i>2-4</i>	<i>350</i>	<i>8-9</i>	<i>27.0</i>	<i>25.3</i>	<i>23.1</i>
02	<i>28°53.4</i>	<i>161°54.2</i>	<i>BKN</i>		<i>10</i>	<i>050</i>	<i>25</i>	<i>1013.6</i>	<i>2-4</i>	<i>010</i>	<i>6-8</i>	<i>27.0</i>	<i>25.5</i>	<i>23.1</i>
03	<i>29°00.9</i>	<i>162°01.2</i>	<i>BKN</i>		<i>10</i>	<i>050</i>	<i>25</i>	<i>1013.3</i>	<i>2-4</i>	<i>010</i>	<i>6-8</i>	<i>26.8</i>	<i>25.4</i>	<i>23.0</i>
04	<i>29°07.9'N</i>	<i>162°07.4'W</i>	<i>BKN</i>		<i>10</i>	<i>045</i>	<i>30</i>	<i>1014.0</i>	<i>2-4</i>	<i>010</i>	<i>8-9</i>	<i>26.9</i>	<i>25.0</i>	<i>23.0</i>
05	<i>29°03.7'N</i>	<i>162°06.4'W</i>	<i>BKN</i>		<i>10</i>	<i>020</i>	<i>15</i>	<i>1014.1</i>	<i>2-4</i>	<i>015</i>	<i>8-9</i>	<i>26.8</i>	<i>25.0</i>	<i>22.5</i>
06														
07	<i>28°57.5'N</i>	<i>162°04.2'W</i>	<i>BKN</i>		<i>10</i>	<i>030</i>	<i>28</i>	<i>1014.5</i>	<i>2-4</i>	<i>015</i>	<i>8-9</i>	<i>26.8</i>	<i>24.8</i>	<i>21.9</i>
08	<i>28°57.5 N</i>	<i>162°04.2 W</i>	<i>BKN</i>		<i>10</i>	<i>045</i>	<i>26</i>	<i>1014.2</i>	<i>2-4</i>	<i>015</i>	<i>8-9</i>	<i>26.8</i>	<i>24.5</i>	<i>22.0</i>
09	<i>28°58.6 N</i>	<i>162°04.9 W</i>	<i>BKN</i>		<i>10</i>	<i>040</i>	<i>25</i>	<i>1014.3</i>	<i>2-4</i>	<i>010</i>	<i>8-9</i>	<i>26.7</i>		
10	<i>29°04.1 N</i>	<i>162°09.5 W</i>	<i>BKN</i>		<i>10</i>	<i>040</i>	<i>25</i>	<i>1015.0</i>	<i>2-4</i>	<i>355</i>	<i>8-9</i>	<i>26.8</i>	<i>25.1</i>	<i>22.3</i>
11	<i>28°58.9 N</i>	<i>162°11.8 W</i>	<i>BKN</i>		<i>10</i>	<i>030</i>	<i>20</i>	<i>1014.6</i>	<i>2-4</i>	<i>355</i>	<i>8-9</i>	<i>26.6</i>	<i>25.3</i>	<i>22.5</i>
12	<i>28°53.3'</i>	<i>162°04.6'</i>	<i>SCT</i>		<i>10</i>	<i>025</i>	<i>20</i>	<i>1014.4</i>	<i>3-4</i>	<i>015</i>	<i>8-9</i>	<i>26.8</i>	<i>25.0</i>	<i>22.5</i>
13	<i>28°53.2</i>	<i>162°00.1</i>	<i>BKN</i>		<i>10</i>	<i>035</i>	<i>25</i>	<i>1014.4</i>	<i>3-4</i>	<i>020</i>	<i>8-10</i>	<i>26.9</i>	<i>24.4</i>	<i>22.5</i>
14	<i>29°01.5</i>	<i>162°02.1</i>	<i>OVC</i>	<i>RA</i>	<i>2-3</i>	<i>030</i>	<i>23</i>	<i>1014.3</i>	<i>3-4</i>	<i>015</i>	<i>9-11</i>	<i>26.9</i>	<i>23.2</i>	<i>21.7</i>
15	<i>29°10.1</i>	<i>162°02.7</i>	<i>OVC</i>		<i>8-10</i>	<i>035</i>	<i>20</i>	<i>1013.6</i>	<i>3-4</i>	<i>010</i>	<i>11-13</i>	<i>26.7</i>	<i>24.5</i>	<i>21.3</i>
16	<i>29°18.5'N</i>	<i>162°03.5'W</i>	<i>OVC</i>		<i>8-10</i>	<i>040</i>	<i>23</i>	<i>1013.5</i>	<i>3-4</i>	<i>030</i>	<i>11-13</i>	<i>26.5</i>	<i>24.5</i>	<i>21.7</i>
17	<i>29°24.6'</i>	<i>162°03.8'</i>	<i>OVC</i>		<i>8-10</i>	<i>045</i>	<i>21</i>	<i>1013.8</i>	<i>3-4</i>	<i>030</i>	<i>11-13</i>	<i>26.4</i>	<i>24.5</i>	<i>21.5</i>
18	<i>29°32.1'</i>	<i>162°02.5'</i>	<i>BKN</i>		<i>8-10</i>	<i>060</i>	<i>18</i>	<i>1014.0</i>	<i>3-4</i>	<i>025</i>	<i>10-12</i>	<i>26.3</i>	<i>24.3</i>	<i>20.5</i>
19	<i>29°40.4'</i>	<i>162°02.0'</i>	<i>BKN</i>		<i>8-10</i>	<i>045</i>	<i>20</i>	<i>1014.7</i>	<i>3-4</i>	<i>020</i>	<i>10-12</i>	<i>26.3</i>	<i>24.2</i>	<i>20.3</i>
20	<i>29°48.4'N</i>	<i>162°01.6'W</i>	<i>BKN</i>		<i>8-10</i>	<i>045</i>	<i>20</i>	<i>1015.0</i>	<i>3-4</i>	<i>020</i>	<i>10-12</i>	<i>26.1</i>	<i>24.0</i>	<i>20.5</i>
21	<i>29°56.9'N</i>	<i>162°01.5'W</i>	<i>SCT</i>		<i>8-10</i>	<i>040</i>	<i>15</i>	<i>1016.0</i>	<i>3-4</i>	<i>020</i>	<i>10-12</i>	<i>25.8</i>	<i>24.0</i>	<i>20.1</i>
22	<i>30°03.7 N</i>	<i>162°01.7 W</i>	<i>BKN</i>		<i>8-10</i>	<i>035</i>	<i>16</i>	<i>1016.3</i>	<i>3-4</i>	<i>020</i>	<i>10-12</i>	<i>25.8</i>	<i>24.0</i>	<i>20.3</i>
23	<i>30°09.9 W</i>	<i>162°00.7 W</i>	<i>BKN</i>		<i>8-10</i>	<i>030</i>	<i>20</i>	<i>1016.3</i>	<i>3-4</i>	<i>020</i>	<i>10-12</i>	<i>25.7</i>	<i>24.0</i>	<i>20.3</i>

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OCEANUS EXPLORER (R-337)      TIME ZONE -10      DAY OF WEEK WEDNESDAY      DATE (dd mmm yyyy) 13 SEP 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	30°17.0 N	161°57.0 W	SCT		10	040	14	1017.0	3-4	060	8-9	25.7	23.5	18.3
01	30°24.6 N	161°52.3 W	BKN		10	030	22	1016.5	3-4	060	8-9	25.7	23.4	19.6
02	30°32.6 N	161°52.4 W	<del>FEW SCT</del>		10	045	14	1016.7	3-4	060	8-9	25.6	23.4	18.3
03	30°32.3 N	162°02.8 W	OVC		10	030	11	1016.1	3-4	060	8-9	25.7	23.3	19.2
04	30°24.1 N	162°09.5 W	OVC		10	030	15	1016.0	3-4	060	8-9	25.7	23.4	19.4
05	30°15.0 N	162°10.1 W	BKN		10	030	18	1015.5	2-3	060	7-8	25.7	23.5	19.5
06	30°20.3 N	162°03.3 W	BKN		10	030	18	1015.4	2-3	060	7-8	25.7	23.7	19.8
07	30°20.3 N	162°03.3 W	BKN		10	030	15	1015.3	2-3	050	7-8	25.7	23.7	18.5
08	30°20.4 N	162°03.3 W	BKN		10	015	13	1015.8	2-3	050	7-8	25.7	23.5	19.7
09	30°20.7 N	162°03.4 W	BKN		10	000	13	1016.5	2-3	050	7-8	25.7	23.5	18.9
10	30°20.6 N	162°03.4 W	BKN		10	005	8	1016.9	2-3	050	7-8	25.7	23.2	18.5
11	30°20.4 N	162°03.2 W	BKN		10	010	12	1016.3	2-3	040	7-8	25.7	23.5	19.8
12	30°20.3 N	162°03.3 W	OVC		10	005	18	1016.2	2-3	020	7-9	25.7	24.2	19.5
13	30°20.4 N	162°03.3 W	SCT		10	010	18	1016.1	2-3	030	7-9	25.7	24.4	19.8
14	30°20.5 N	162°03.3 W	SCT	AC	10	010	16	1015.3	2-3	030	6-8	25.7	24.3	19.7
15	30°20.5 N	162°03.3 W	SCT		10	350	13	1014.8	2-3	020	6-7	25.7	23.8	19.9
16	30°20.4 N	162°03.3 W	BKN		10	035	16	1014.2	2-3	025	6-8	25.8	23.4	18.7
17	30°20.4 N	162°03.3 W	BKN	AC	10	010	20	1014.1	2-3	020	6-8	25.7	23.5	19.8
18	30°20.5 N	162°03.3 W	BKN		10	000	15	1014.6	2-3	035	6-8	25.7	24.2	21.5
19														
20	30°28.2 N	162°04.6 W	BKN		10	000	21	1015.3	2-3	035	6-8	25.7	23.5	21.0
21	30°30.8 N	162°04.6 W	BKN		10	000	20	1016.0	2-3	035	6-8	25.7	23.2	21.0
22	30°44.5 N	162°12.6 W	BKN	DF	10	010	20	1016.4	2-3	035	6-8	25.4	22.5	20.5
23	30°53.9 N	162°16.8 W	BKN	DF	10	015	18	1016.4	2-3	035	6-8	25.3	22.5	20.5



### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OKEANOS EXPLORER (R-337) TIME ZONE -10 DAY OF WEEK THURSDAY DATE (dd mmm yyyy) 14 SEP 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°02.9	162°22.6	OVC	02-	8-10	015	23	1017.4	3.4	030	8-9	24.9	22.3	20.9
01	31°11.7	162°26.4	SCT		10	000	19	1016.5	3.4	030	8-9	25.0	22.2	21.1
02	31°21.2	162°29.4	SCT		10	015	20	1016.3	3.4	030	8-9	24.9	22.2	20.9
03	31°28.9'	162°35.9	SCT		10	015	18	1016.5	3.4	030	8-9	24.8	22.0	20.5
04	31°37.1'N	162°42.6'W			10	010	15	1016.6	3-4	030	8-9	24.8	21.8	20.3
05	31°43.8'N	162°48.1'W			10	030	20	1016.8	2-3	030	8-9	24.8	21.5	20.2
06														
07	31°50.9 N	162°53.8 W	BKN		10	030	21	1017.3	2-3	030	8-9	24.4	21.4	20.3
08	31°50.9 N	162°53.8 W	BKN		10	025	17	1017.4	2-3	035	7-8	24.4	22.5	20.4
09	31°51.1 N	162°53.7 W	BKN		10	030	19	1018.3	2-3	035	7-8	24.4	22.9	20.5
10	31°51.1 N	162°53.7 W	BKN		10	030	21	1018.9	2-3	035	7-8	24.4	22.5	20.5
11	31°51.1 N	162°53.7 W	BKN		10	025	23	1017.9	2-3	025	6-8	24.4	22.9	20.0
12	31°51.1'	162°53.7'	SCT		10	020	19	1018.9	2-4	035	6-8	24.4	24.0	19.9
13	31°51.1'	162°53.8'												
14	31°51.1'	162°53.9'	SCT		10	020	18	1018.4	2-3	035	5-7	24.4	23.6	20.0
15	31°51.1'	162°53.9'	SCT	ci cu	10	050	19	1017.8	2-3	035	5-7	24.5	23.4	20.2
16	31°51.4'	162°53.8'	—		10	010	22	1017.5	2-4	035	6-8	24.5	23.5	20.4
17														
18														
19	31°58.6'	163°03.7'	BKN		10	050	18	1018.7	2-4	030	5-7	24.5	22.8	20.0
20	32°05.2 N	163°12.3 W	BKN		10	045	20	1019.3	2-4	030	5-7	24.4	28.0	20.5
21	32°11.9 N	163° <sup>21.0</sup> <del>20</del> W	BKN		10	060	20	1020.4	2-4	030	5-7	24.4	22.9	20.0
22	32°20.4 N	163°26.2' W	OVC		10	050	22	1020.0	2-5	030	5-7	23.9	22.5	19.5
23	32°27.4 N	163°28.9' W	OVC		10	060	17	1020.5	3-4	030	5-7	23.9	22.5	19.5

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <i>ORCAUS EXPLORER (R-337)</i>				TIME ZONE -10	DAY OF WEEK FRIDAY	DATE (dd mmm yyyy) 15 SEP 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°35.7'	163°31.9'	OVC		10	035	20	1021.0	3-4	030	5-7	23.9	22.0	19.1
01	32°43.6'	163°34.9'	OVC		10	050	19	1020.7	2-3	030	5-6	24.1	22.1	19.5
02	32°42.0	163°38.4	OVC		10	010	10	1020.7	2-3	030	5-6	24.0	22.2	19.5
03	32°34.7'	163°35.6	OVC		10	050	16	1020.0	2-3	030	5-6	24.0	22.4	19.5
04	32°28.6' N	163°32.6' W	OVC		10	060	15	1020.0	2-3	030	5-6	24.0	22.5	19.8
05	32°19.0' N	163°32.9' W	OVC		10	060	18	1020.0	2-3	030	5-6	24.4	22.7	20.0
06	32°12.6' N	163°36.6' W	BKN		10	060	18	1020.4	2-3	030	5-6	24.4	22.5	20.5
07	32°12.2' N	163°37.0' W	BKN		10	050	20	1020.7	2-3	030	5-6	24.4	22.6	20.6 <i>6ms</i>
08	32°12.1' N	163°37.2' W	BKN		10	040	20	1021.0	2-3	030	5-6	24.4	22.0	20.5
09	32°12.2' N	163°37.1' W	BKN		10	030	18	1021.3	2-3	030	5-6	24.4	22.9	20.9
10	32°12.2' N	163°37.1' W	BKN		10	040	20	1021.6	2-3	035	5-6	24.3	22.9	21.0
11	32°12.3' N	163°37.0' W	BKN	SH, RA	10	045	17	1022.0	2-3	035	5-6	24.3	22.1	21.0
12	32°12.3'	163°36.9'	BKN		10	045	23	1021.9	3-4	040	5-6	24.4	23.0	21.5
13	32°12.3'	163°36.9'	BKN		10	040	19	1021.8	3-4	040	5-7	24.4	23.0	21.5
14	32°12.3'	163°36.9'	BKN		10	040	23	1021.0	3-5	040	5-7	24.4	23.4	21.5
15	32°12.4'	163°36.9'	SCT		10	045	22	1020.7	3-4	050	5-7	24.4	23.5	21.8
16	32°12.5'	163°36.8'	BKN	RA, SH	10	045 <sup>060</sup>	25	1020.5	3-5	045	5-7	24.4	23.3	22.0 <i>Fm</i>
17	32°13.0'	163°36.2'	BKN		8-10	055	24	1020.5	3-5	045	5-7	24.4	23.0	— <i>Fm</i>
18	32°16.4'	163°41.3'	BKN	RA, SH	8-10	060	20	1020.8	3-5	040	5-7	24.2	22.8	22.0
19	32°24.0'	163°49.0'	BKN		8-10	065	25	1021.2	3-5	040	5-7	24.0	23.0	21.8
20	32°31.8' N	163°57.0' W	BKN		8-10	060	20	1022.0	3-5	040	5-7	23.9	23.0	22.0
21	32°39.5' N	164°04.8' W	OVC	RA	8-10	075	23	1023.0	3-5	040	5-7	23.8	22.6	22.0
22	32°49.2' N	164°12.9' W	BKN	SH	8-10	060	20	1023.6	3-5	040	5-6	23.7	22.9	21.9
23	32°54.6' N	164°20.4' W	OVC	RA, SH	8-10	060	21	1024.0	3-5	040	5-6	23.7	22.5	21.9



### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <b>OCEANUS EXPLORER (R-337)</b>						TIME ZONE <b>-10</b>	DAY OF WEEK <b>SATURDAY</b>	DATE (dd mmm yyyy) <b>16 SEP 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	33°02.7	164°28.6	BKN		10	055	20	1024.3	3-4	040	5-6	23.8	22.5	21.7
01	33°10.5	164°36.7	BKN		10	075	22	1024.2	3-4	040	5-6	23.8	22.6	21.4
02	33°16.3	164°44.5	BKN		10	070	20	1024.0	3-4	040	5-6	23.6	22.7	21.5
03	33°12.8	164°52.4	BKN		10	065	20	1023.3	3-4	040	5-6	23.6	22.7	21.7
04	33°14.4'N	164°45.9'W	BKN	R	6	060	20	1024.0	3-4	040	5-6	23.6	22.2	21.8
05	33°13.3'N	164°44.2'W	BKN		10	060	20	1023.8	3-4	040	5-6	23.6	23.5	21.5
06														
07	33°14.6'N	164°46.3'W	BKN		10	<del>060</del> 070	22	1024.5	3-4	040	5-6	23.6	22.8	21.0 <b>640</b>
08	33°14.6'N	164°46.3'W	BKN		10	075	23	1024.5	3-4	040	5-6	23.5	22.0	21.0
09	33°14.7'N	164°46.2'W	BKN	DZ, SH	10	075	23	1024.6	3-4	040	5-6	23.5	23.0	21.0
10	33°14.8'N	164°46.2'W	BKN	SH	10	080	17	1025.0	3-4	040	5-6	23.5	23.0	21.2
11	33°14.9'N	164°46.1'W	BKN	RA	10	090	22	1023.6	3-4	040	5-6	23.5	23.2	21.2
12	33°15.0	164°46.1	BKN	SH-	10	080	24	1024.8	3-4	070	5-6	23.5	23.0	21.6
13	33°15.0'	164°45.9	BKN	OZ-	10	080	20	1024.6	3-4	060	5-6	23.5	23.6	21.9
14	33°15.0'	164°45.9	BKN		10	090	19	1023.8	3-4	060	5-6	23.5	23.5	22.0
15	33°15.1	164°46.0	BKN	SH-	10	085	18	1023.8	3-4	060	5-6	23.6	23.5	22.0
16	33°15.1'	164°46.0'	OVC	SH-	10	090	16	1023.3	3-4	090	5-6	23.6	22.4	22.0
17	33°15.1'N	164°46.0'	OVC	SH-	5	090	19	1023.3	3-4	095	5-6	23.6	23.0	22.2
18	33°15.0'	164°46.0'	OVC		10	090	16	1023.9	3-4	090	5-6	23.6	22.5	22.0
19														
20	33°06.6'N	164°05.0'W	OVC <del>BKN</del>		10	075	14	1025.0	3-4	090	5-6	23.8	22.9	22.5 <b>640</b>
21	32°52.2'N	164°58.2'W	BKN	SH-	10	060	12	1025.3	3-4	090	5-6	23.7	23.5	22.5
22	32°47.9'N	165°00.4'W	BKN		10	075	14	1025.2	3-4	090	5-6	23.7	23.4	22.4
23	32°37.1'N	165°02.1'W	BKN	DZ	10	085	16	1025.0	3-4	090	5-6	23.8	23.3	22.4

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <u>OCEANUS EXPLORER (R-337)</u>							TIME ZONE <u>-10</u>	DAY OF WEEK <u>SUNDAY</u>	DATE (dd mmm yyyy) <u>17 SEP 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	32°27.1	165°03.8	SCT		10	085	17	1024.7	3.4	090	5-6	23.9	24.0	23.0
01	32°16.6	165°05.5	SCT		10	085	16	1024.0	3.4	090	5-6	24.5	24.5	23.3
02	32°07.1	165°08.6	BKN		10	085	16	1023.5	3.4	090	5-6	24.5	24.5	23.5
03	31°58.9	165°10.4	SCT		10	105	19	1023.0	3.4	090	5-6	24.6	24.5	23.2
04	31°53.8'N	165°0.7'W	SCT		10	115	20	1023.0	3-4	090	5-6	24.6	24.6	23.4
05	31°48.6'N	164°51.3'W	SCT		10	110	18	1023.0	3-4	090	5-6	24.6	24.7	23.5
06	31°42.0'N	165°0.3'W	SCT		10	105	15	1023.0	3-4	090	5-6	24.6	24.7	24.0
07	31°42.0'N	165°0.5'W	SCT		10	120	15	<del>1023.0</del> 1023.0	2-3	090	<del>5-6</del> 4-5	24.8	24.8	24.2
08	31°41.9'N	165°00.4'W	BKN		10	115	15	1023.0	2-3	090	4-5	24.8	25.6	24.2
09	31°41.9'N	165°00.2'W	SCT		10	110	15	1023.0	2-3	090	4-5	24.8	25.5	24.1
10	31°41.9'N	165°00.5'W	BKN		10	110	12	1023.4	2-3	090	4-5	24.8	26.0	24.9
11	31°41.9'N	165°00.5'W	BKN		10	115	13	1023.1	2-3	090	4-5	24.9	26.0	25.5
12	31°41.1	165°00.5	SCT		10	115	13	1023.5	1-2	090	4-5	25.0	25.9	24.8
13	31°42.0	165°00.4	FEW	ci	10	125	13	1023.0	1-2	100	4-5	25.1	25.8	24.7
14	31°42.0	165°00.4	FEW	ci	10	135	12	1022.5	1-2	080	4-5	25.1	26.4	24.8
15	31°41.9'	165°00.4'	SCT	ci	10	135	12	1022.1	1-2	070	3-4	25.2	26.4	25.0
16	31°41.6'N	165°0.4'W	SCT		10	130	12	1021.5	1-2	070	3-4	25.2	25.9	25.0
17	31°41.8'N	165°0.0'W	SCT		10	130	15	1022.0	1-2	070	3-4	25.2	25.7	24.9
18	31°37.3'N	165°07.0'W	SCT		10	120	12	1022.5	1-2	070	3-4	25.0	25.6	24.8
19	31°31.7'N	165°03.9'W	SCT		10	120	12	1022.2	1-2	090	3-4	25.3	26.0	24.8
20	31°26.9'N	164°53.4'W	SCT		10	115	13	1022.5	1-2	090	3-4	25.3	25.5	24.5
21	31°26.7'N	164°41.6'W	FEW	SH-	10	115	13	1023.0	1-2	090	3-4	25.2	25.5	24.5
22	31°27.4'N	164°31.0'W	SCT		10	100	14	1023.0	1-2	090	3-4	25.5	25.5	24.5
23	31°19.3'N	164°26.4'W			10	120	16	1023.0	1-2	090	3-4	25.7	25.5	24.5



### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship					TIME ZONE		DAY OF WEEK		DATE (dd mmm yyyy)					
OKEANOW EXPLORER (R-337)					-10		Monday		18 SEP 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°09.8	164°21.0	SCT		10	100	15	1023.0	1-2	090	3.4	25.6	25.6	24.3
01	31°00.8	164°15.8	SCT		10	115	15	1022.5	1-2	090	3.4	25.6	25.5	24.3
02	30°52.1	164°10.9	SCT		10	115	16	1021.7	1-2	090	3.4	25.6	25.4	24.2
03	30°43.4	164°05.9	FEW		10	115	15	1021.5	1-2	090	3.4	25.6	25.5	24.1
04	30°34.7N	164°00.9W			10	110	15	1021.7	1-2	090	3-4	25.5	25.7	24.3
05	30°26.8N	164°06.1W			10	110	17	1022.0	1-2	090	3-4	25.3	25.8	24.3
06	30°26.6N	164°01.1W			10	120	18	1021.2	1-2	090	3-4	25.3	25.8	24.3
07	30°26.5N	164°01.1W			10	120	18	1021.0	1-2	090	3-4	25.3	25.8	24.3
08	30°26.4N	164°01.0W	SCT		10	120	20	1021.2	1-2	090	3-4	25.3	26.0	24.2
09	30°26.5N	164°00.8W	SCT		10	130	17	1021.8	1-2	120	3-4	25.3	26.0	24.2
10	30°26.4N	164°00.8W	FEW		10	120	15	1022.0	1-2	120	3-4	25.3	26.2	24.5
11	30°26.4N	164°00.7W	FEW		10	120	18	1022.0	1-2	120	3-4	25.3	26.1	24.5
12	30°26.3	164°00.7	FEW		10	120	20	1021.1	1-2	120	3.4	25.4	26.4	24.5
13	30°26.3	164°00.7	FEW		10	130	14	1021.1	2-3	120	3.4	25.4	26.3	24.6
14	30°26.2	164°00.7	FEW		10	130	17	1020.7	2-3	125	4-5	25.4	26.5	24.2
15	30°26.2	164°00.7	FEW		10	130	15	1020.3	2-3	120	4-5	25.5	26.6	24.5
16	30°26.0'	164°00.5'	FEW		10	125	16	1019.8	2-4	120	4-5	25.5	28.2	25.5
17	30°21.9'	163°57.5'	SCT		10	120	14	1020.0	2-4	120	4-5	25.6	26.2	24.3
18	30°18.6'	163°54.9'	FEW		10	125	16	1019.8	2-4	140	4-5	25.6	26.2	24.0
19	30°09.7'	163°47.8'	SCT		10	110	18	1019.8	3-5	135	5-7	25.8	26.2	23.8
20	30°03.0N	163°42.4W	SCT		10	115	17	1020.0	3-5	135	5-7	25.9	26.2	24.2
21	29°55.8N	163°36.5W	SCT		10	115	15	1020.8	3-5	135	5-7	26.0	26.2	24.0
22	29°47.8N	163°30.0W	SCT		10	115	18	1020.2	3-5	135	5-7	25.9	26.1	24.2
23	29°40.8N	163°24.5W			10	110	17	1020.1	3-5	135	6-7	26.2	26.5	24.2

## DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship OSCEANOS EXPLORER (R-337)      TIME ZONE -10      DAY OF WEEK TUESDAY      DATE (dd mmm yyyy) 19 SEP 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°32.8	163°18.1	SCT		10	110	19	1020.4	3-5	135	6-7	26.3	26.3	24.5
01	29°25.2	163°12.0	BKN		10	110	18	1019.9	3-5	135	6-7	26.3	26.0	24.6
02	29°17.8	163°06.1	SCT		10	115	18	1019.2	3-5	135	6-7	26.4	26.0	24.6
03	29°10.4	163°00.2	BKN	DZ	10	125	13	1019.0	3-5	135	6-7	26.4	25.8	24.5
04	29°03.7 N	162°54.9 W	SCT		10	120	18	1018.8	3-5	135	6-7	26.4	25.9	24.5
05	28°55.1 N	162°48.4 W	SCT		10	130	20	1018.8	3-5	135	6-7	26.7	26.5	23.5
06	28°47.5 N	162°42.0 W	SCT		10	140	20	1018.8	3-5	135	6-7	26.8	26.5	23.2
07														
08	28°40.7 N	162°36.9 W	BKN		10	130	19	1018.5	3-5	130	6-7	26.9	27.0	24.2
09	28°40.7 N	162°36.6 W	SCT		10	130	16	1019.8	3-5	130	6-7	26.9	27.0	24.2
10	28°40.7 N	162°36.6 W	SCT		10	130	18	1019.4	3-5	130	6-7	26.9	27.2	24.5
11	28°40.7 N	162°36.5 W	<del>FEW</del> <del>SCT</del>		10	120	16	1019.5	3-5	125	6-7	26.9	27.1	24.5
12	28°40.7	162°36.5	FEW		10	130	16	1019.5	2-4	120	5-6	27.0	27.3	24.6
13	28°40.8'	162°36.5'	SCT		10	120	16	1018.9	2-4	120	5-6	27.0	27.6	25.2
14	28°40.8'	162°36.5'	SCT		10	130	16	1018.7	2-4	080	6-7	27.1	27.3	24.5
15	28°40.9	162°36.5	SCT		10	120	12	1018.1	2-4	090	5-6	27.1	26.8	24.0
16	28°40.9'	162°36.5'	FEW		10	100	14	1018.1	2-4	105	5-6	27.1	26.8	24.5
17	28°40.9'	162°36.5'	FEW		10	090	13	1018.2	2-4	105	5-6	27.1	26.8	24.8
18	28°40.9'	162°36.5'	SCT		10	115	14	1019.0	2-4	105/120	5-6	27.1	27.0	24.8
19														
20	28°43.5 N	162°24.3 W	FEW		10	115	16	1019.8	2-4	105	5-6	27.0	26.9	24.5
21	28°46.0 N	162°13.3 W	FEW		10	115	18	1020.0	2-4	105	5-6	27.0	27.0	24.5
22	28°48.8 N	162°00.8 W	FEW		10	110	17	1020.0	2-4	105	5-6	26.8	26.5	24.0
23	28°51.7 N	161°52.3 W			10	120	17	1020.0	2-4	105	5-6	26.7	26.5	24.5

BP



### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship				TIME ZONE		DAY OF WEEK		DATE (dd mmm yyyy)						
OCEANUS EXPLORER (R-337)				-10		WEDNESDAY		20 SEP 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° 01'	161° 56.3'	CLR		10	120	13	1020.0	2-3	<del>105/120</del>	5-6	26.5	26.3	24.5
01	29° 08.8'	161° 56.2'	CLR		10	130	18	1019.7	2-3	<del>105/120</del>	5-6	26.5	26.4	24.4
02	29° 05.2'	161° 54.7'	FEW		10	130	19	1019.7	2-3	<del>105/120</del>	5-6	26.5	26.3	23.7
03	28° 57.6'	161° 51.5'	FEW		10	130	19	1019.1	2-3	<del>105/120</del>	5-6	26.6	26.4	24.2
04	28° 52.5' N	161° 46.4' W	FEW		10	120	15	1019.5	2-3	<del>105/120</del>	5-6	26.6	26.4	24.1
05	28° 56.9' N	161° 53.0' W	FEW		10	120	12	1020.0	2-3	<del>105/120</del>	5-6	26.6	26.5	23.7
06														
07	28° 57.7' N	162° 04.5' W	FEW		10	130	14	1020.5	<del>2-3</del> <sup>1-2</sup>	<del>110/125</del>	4-5	26.6	26.3	23.5
08	28° 57.7' N	162° 04.5' W	FEW		10	110	13	1020.0	1-2	110	4-5	26.6	26.9	27.2
09	28° 57.5' N	162° 04.4' W	FEW		10	120	13	1020.3	1-2	110	4-5	26.6	27.0	23.6
10	28° 57.5' N	162° 04.2' W	FEW		10	125	15	1019.9	1-2	120	4-5	26.6	27.2	23.7
11	28° 57.6' N	162° 04.2' W	FEW		10	115	13	1021.0	1-2	120	4-5	26.6	29.0	24.0
12	28° 57.6'	162° 04.2'	FEW		10	120	15	1021.1	1-2	115	4-5	26.7	27.6	24.3
13	28° 57.6'	162° 04.2'	FEW		10	115	12	1021.2	1-2	115	5-6	26.8	27.3	23.9
14	28° 57.7'	162° 04.2'	FEW		10	120	11	1020.9	1-3	110	5-6	26.8	27.4	24.0
15	28° 57.7'	162° 04.2'	FEW		10	115	11	1020.7	1-3	120	5-7	26.9	27.3	24.0
16	28° 57.6'	162° 03.9'	BKN		10	090	10	1020.6	1-3	120	5-7	26.9	31.9	26.6
17	28° 57.3'	162° 03.4'	BKN		10	105	11	1020.9	1-3	115	5-7	26.9	29.4	25.7
18	28° 57.3'	162° 02.5'	SCT		10	120	13	1021.3	1-3	115	5-7	26.9	28.0	24.5
19	28° 57.6'	161° 52.3'	SCT		10	120	12	1021.8	1-3	115	5-7	26.7	26.8	24.0
20	29° 03.5' N	161° 50.4' W	SCT		10	110	13	1022.2	1-3	115	5-7	26.7	26.5	24.5
21	29° 11.6' N	161° 50.3' W	FEW		10	100	17	1023.0	1-3	115	5-7	26.5	26.7	23.5
22	29° 03.5' N	161° 49.0' W	SCT		10	100	12	1023.0	1-3	115	5-7	26.6	26.8	24.0
23	28° 53.0' N	161° 42.7' W	SCT		10	105	15	1022.2	1-3	115	5-7	26.7	26.5	24.2

## DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <u>OKEANOS EXPLORER (R-337)</u>				TIME ZONE <u>-10</u>	DAY OF WEEK <u>THURSDAY</u>	DATE (dd mmm yyyy) <u>21 SEP 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	28°58.2	161°41.6	FEW		10	120	16	1022.9	1-3	115	5-7	26.6	26.5	24.7
01	29°08.0	161°45.5	FEW		10	110	15	1022.8	1-3	115	5-7	26.6	26.5	24.7
02	29°12.3	161°44.0	FEW		10	100	14	1022.6	1-3	115	5-7	26.5	26.4	23.5
03	29°03.6	161°40.4	SCT		10	090	15	1022.0	1-3	115	5-7	26.5	26.3	24.0
04	28°55.6'N	161°37.1'W	SCT		10	090	15	1021.9	1-3	115	5-7	26.5	26.3	24.0
05	28°48.3'N	161°37.3'W	FEW		10	095	15	1021.8	1-3	115	5-7	26.5	26.2	24.0
06	-----													
07	28°41.6'N	161°40.2'W	SCT		10	095	15	1022.2	1	100	4-6	26.5	26.3	24.0
08	28°41.6 N	161°40.2 W	SCT		10	100	12	1022.4	1	100	4-6	26.9	27.0	24.0
09	28°41.6 N	161°39.8 W	SCT		10	105	10	1022.5	1	100	4-6	26.9	26.5	24.0
10	28°41.6 N	161°39.7 W	SCT		10	100	10	1023.0	1	100	4-6	26.9	26.9	24.0
11	28°41.6 W	161°39.8 W	SCT		10	100	12	1023.0	1	100	4-6	27.0	27.1	24.5
12	28°41.6	161°39.9	SCT		10	095	12	1022.8	1-2	105	4-6	27.1	27.7	25.0
13	28°41.6	161°39.9	-----											
14	28°41.6	161°40.0	FEW		10	070	10	1022.0	1	070	4-6	27.2	27.0	24.1
15	28°41.6	161°40.0	SCT	Ac cu	10	065	10	1021.8	1-2	080	4-6	27.2	26.9	24.2
16	28°41.7'N	161°40.1'W	SCT		10	060	10	1021.7	1-2	080	4-6	27.2	26.8	24.5
17	28°41.6'N	161°40.0'W	SCT		10	060	12	1021.5	1-2	080	4-6	27.2	26.5	24.2
18	28°41.6'N	161°39.6'W	SCT		10	080	13	1021.0	1-2	<del>115</del> 080	5-7	27.3	29.2	25.0
19	-----													
20	28°33.4 N	161°40.4 W	SCT		10	070	18	1021.5	1-2	<del>115</del> 080	5-7	27.2	26.9	24.2
21	28°24.8 N	161°42.8 W	SCT		10	075	19	1021.6	1-2	<del>115</del> 080	5-7	27.2	27.0	24.2
22	28°16.0 N	161°37.9 W	SCT		10	075	19	1022.0	1-2	<del>115</del> 080	5-7	27.3	27.0	24.0
23	28°06.9 N	161°32.8 W	SCT		10	080	18	1021.5	1-2	<del>115</del> 080	5-7	27.4	26.8	24.6



### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship ORCAUS EXPLORER (R-337) TIME ZONE -10 DAY OF WEEK FRIDAY DATE (dd mmm yyyy) 21 SEP 2017 BP

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°58.0	161°27.9	FEW		10	080	17	1021.7	2-3	115/080	5-7	27.3	27.0	23.4
01	27°49.3	161°23.1	FEW		10	080	17	1021.0	2-3	115/080	5-7	27.3	26.7	24.1
02	27°43.2	161°26.9	FEW		10	090	16	1021.0	2-3	115/080	5-7	27.2	26.9	23.6
03	27°33.9	161°21.9	FEW		10	100	19	1019.9	2-3	115/080	5-7	27.2	26.8	23.2
04	27°25.0'N	161°17.1'W	SCT FEW	07	10	100	20	1020.0	2-3	115/100	5-7	27.2	26.9	23.4
05	27°22.5'N	161°10.8'W	FEW		10	090	18	1020.0	2-3	115/100	5-7	27.2	27.0	23.5
06	27°19.0'N	161°04.7'W	SCT		10	105	16	1020.0	2-3	100	5-7	27.2	26.3	23.8
07	27°19.0'N	161°04.7'W	SCT		10	095	15	1020.1	2-3	100	5-7	27.2	26.7	23.4
08	27°18.9 N	161°04.6 W	SCT		10	090	14	1020.2	2-3	100	5-7	27.2	26.5	23.3
09	27°19.1 N	161°04.5 W	SCT		10	095	12	1020.1	2-3	100	5-7	27.2	26.9	24.5
10	27°19.1 N	161°04.5 W	SCT		10	090	13	1020.0	2-3	100	5-7	27.2	26.8	24.6
11	27°19.1 N	161°04.5 W	SCT		10	080	14	1020.1	2-3	100	5-7	27.3	27.0	23.5
12	27°19.1'	161°04.5'	SCT		10	090	14	1020.3	2-3	100	5-7	27.4	27.8	24.3
13	27°19.1'	161°04.5'	SCT	RA	10	090	13	1019.9	2-3	090	5-7	27.4	27.4	24.1
14	27°19.1'	161°04.6'	SCT	ci Cu	10	090	14	1019.5	2-3	040/100	3-4/5-7	27.4	27.5	23.8
15	27°19.0'	161°04.5'	SCT		10	090	11	1018.8	2-3	040/100	3-4/5-7	27.5	27.4	23.7
16	27°18.9'	161°04.5'	SCT	ci Cu	10	070	13	1018.5	2-3	070/110	4-6/5-6	27.5	27.1	23.5
17														
18	27°18.9'	161°03.5'	SCT	ci Cu	10	080	14	1018.2	2-3	070/105	5-7/4-6	27.4	27.0	23.8
19														
20	27°08.2 N	160°58.7 W	SCT		10	075	15	1018.9	2-3	070/105	5-7	27.4	27.0	23.5
21	26°58.0 N	160°53.4 W	SCT		10	080	15	1019.0	2-3	070/105	5-7	27.5	27.0	23.2
22	26°49.2 N	160°49.2 W	SCT		10	080	16	1019.0	2-3	070/105	5-7	27.6	27.2	23.9
23	26°42.4 N	160°43.4 W	SCT		10	075	16	1019.1	2-3	070/105	5-7	27.6	27.2	23.9



### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship				TIME ZONE		DAY OF WEEK		DATE (dd mmm yyyy)						
OCEANUS EXPLORER (R-337)				-10		SATURDAY		23 SEP 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	26°34.1	160°35.0	SCT		10	075	14	1019.3	2-3	<del>070/105</del>	5-7	27.7	26.4	24.0
01	26°32.5	160°24.0	FEW		10	075	17	1019.1	2-3	<del>070/105</del>	5-7	27.7	26.5	23.8
02	26°31.0	160°13.1	FEW		10	080	15	1018.8	2-3	<del>070/105</del>	5-7	27.6	26.3	23.8
03	26°33.8	160°16.8	FEW		10	075	11	1018.8	2-3	<del>070/105</del>	5-7	27.7	26.5	24.0
04	26°33.2'N	160°27.9'W	SCT		10	070	12	1019.0	2-3	<del>070/105</del>	5-7	27.7	26.5	24.0
05	26°41.0'N	160°35.6'W	FEW		10	070	15	1019.0	2-3	<del>070/105</del>	5-7	27.6	26.5	23.8
06														
07	<del>26°35.8'N</del>	<del>160°40.5'W</del>	SCT		10	070	10	1019.1	2-2	<del>070/100</del>	5-7	27.6	26.3	23.5
08	26°35.8' N	160°40.5' W	SCT		10	080	10	1018.4	2-3	<del>070/100</del>	5-7	27.6	26.5	23.1
09	26°35.9' N	160°40.1' W	SCT		10	085	9	1018.5	2-3	<del>080/120</del>	5-7	27.6	26.7	24.0
10	26°35.8' N	160°40.2' W	SCT		10	080	10	1018.9	2-3	<del>080/120</del>	5-7	27.6	26.9	24.0
11	26°35.8' N	160°40.2' W	SCT		10	100	8	1018.6	2-3	<del>080/120</del>	5-7	27.7	27.1	24.2
12	26°35.8	160°40.2	SCT		10	095	9	1018.5	2-3	100	5-7	27.7	27.7	24.7
13	26°35.8	160°40.2	FEW		10	070	5	1018.3	2-3	100	5-7	27.8	28.9	25.0
14	26°35.8	160°40.3	SCT		10	080	7	1018.2	2-3	100	5-6	27.9	27.2	23.2
15	26°35.7	160°40.3	SCT		10	050	8	1017.0	1-3	100	5-6	27.9	27.1	23.5
16	26°35.7'	160°40.3'	SCT		10	040	9	1017.1	1-2	<del>065/100</del>	<del>3-4/5-6</del>	27.9	26.8	22.8
17	26°35.7	160°40.3	SCT		10	030	7	1018.2	1-2	<del>065/100</del>	<del>3-4/5-6</del>	27.9	27.0	22.9
18	26°35.7'	160°40.2'	SCT		10	045	11	1017.5	1-2	<del>065/100</del>	<del>3-4/5-6</del>	27.8	26.8	22.6
19	26°36.0'	160°40.1'	SCT		10				1-2	<del>065/100</del>	<del>3-4/5-6</del>			
20	26°30.1' N	160°33.4' W	SCT		10	070	14	1018.0	1-2	<del>065/100</del>	<del>3-4/5-6</del>	27.8	27.0	23.2
21	26°21.5' N	160°24.1' W	SCT		10	065	13	1018.5	1-2	<del>065/100</del>	<del>3-4/5-6</del>	27.7	26.9	23.0
22	26°13.9' N	160°16.3' W	SCT		10	060	13	1018.2	1-2	<del>065/100</del>	<del>3-4/5-6</del>	27.8	26.9	23.2
23	26°05.1' N	160°08.2' W	FEW		10	055	10	1018.3	1-2	<del>065/100</del>	<del>3-4/5-6</del>	27.6	26.6	23.1



## DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship						TIME ZONE	DAY OF WEEK	DATE (dd mmm yyyy)						
OCEANOS EXPLORER (R-337)						-10	SUNDAY	24 SEP 2017						
TIME	POSITION		SKY CONDITION	PRESENT WEATHER	VISIBILITY (nm)	WIND		SEA LEVEL PRESS. (mb)	SEA WAVE HEIGHT (ft)	SWELL WAVES		TEMPERATURE (°C)		
	LATITUDE	LONGITUDE				Dir. (true)	Speed (kts)			Dir. (true)	Height (ft)	SEA WATER	DRY BULB	WET BULB
00	25° 57.6' N	160° 00.8' W	FEW		10	075	10	1018.4	1-2	065/100	3-4/5-6	27.5	26.5	23.0
01	26° 01.7' N	159° 51.0' W	SCT	SH	10	VAR	4	1018.0	1-2	065/100	3-4/5-6	27.6	25.2	23.1
02	25° 56.3' N	159° 55.6' W	FEW		10	080	7	1017.9	1-2	065/100	3-4/5-6	27.5	26.6	23.7
03	25° 54.1' N	159° 53.9' W	FEW		10	065	7	1017.4	1-2	065/100	3-4	27.5	26.2	23.8
04	25° 54.4' N	159° 45.0' W	FEW		10	070	7	1017.2	1-2	065/100	3-4	27.5	26.2	23.5
05	25° 50.1' N	159° 54.2' W	SCT		10	080	7	1017.0	1	065/100	3-4	27.5	26.2	23.5
06														
07	25° 45.8' N	160° 03.7' W	SCT		10	090	5	1017.2	<1	080	4-5	27.5	25.9	23.2
08	25° 45.8' N	160° 03.7' W	SCT		10	090	6	1016.9	1-2	080	4-5	27.4	26.0	23.2
09	25° 45.7' N	160° 03.5' W	SCT		10	090	7	1017.3	1-2	080	4-5	27.4	26.0	23.2
10	25° 45.7' N	160° 03.5' W	SCT		10	090	7	1017.3	1-2	080	4-5	27.4	26.0	23.2
11	25° 45.7' N	160° 03.5' W	FEW		10	130	5	1017.3	1-2	100	4-5	27.6	27.2	23.9
12	25° 45.8' N	160° 03.5' W	FEW		10	095	7	1017.2	1	090	4-5	27.8	27.5	24.0
13	25° 45.8' N	160° 03.6' W	FEW		10	080	4	1016.0	<1	090	4-5	27.7	27.3	24.1
14	25° 45.8' N	160° 03.6' W	FEW	CB	10	045	5	1015.8	1	085	3-4	27.6	27.2	23.5
15	25° 45.8' N	160° 03.7' W	FEW		10	070	5	1015.3	1	085	3-4	—	27.5	23.6
16	25° 45.7' N	160° 03.3' W	FEW		10	050	5	1015.1	1	130/320	3-4	—	—	—
17	25° 44.2' N	160° 04.0' W	FEW		10	030	5	1015.1	<1	130/320	3-4	27.7	27.2	23.9
18	25° 39.0' N	160° 11.0' W	FEW		10	065	4	1015.3	<1	070/110	3-4	27.9	27.1	24.0
19	25° 32.8' N	160° 20.6' W	SCT		10	020	5	1016.0	<1	060/110	3-4	27.8	27.5	24.4
20	25° 28.0' N	160° 32.1' W	SCT		10	060	6	1016.8	<1	060/110	3-4	27.8	26.5	24.0
21	25° 24.7' N	160° 43.6' W	BKN		10	075	5	1016.5	<1	060/110	3-4	27.7	26.5	23.9
22	25° 21.1' N	160° 53.8' W	SCT		10	080	5	1017.0	<1	060/110	3-4	27.7	26.1	23.4
23	25° 16.9' N	161° 05.9' W	SCT		10	095	6	1016.5	<1	060/110	3-4	27.8	26.5	23.2

### DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship						TIME ZONE	DAY OF WEEK	DATE (dd mmm yyyy)						
OKEANOS EXPLORER (R-337)						-10	MONDAY	25 SEP 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°13.2	161°16.7	FEW		10	080	5	1016.7	0-1	$\frac{060}{110}$	3.4	27.8	26.2	24.0
01	25°09.1	161°28.6	FEW		10	075	5	1016.7	0-1	$\frac{060}{110}$	3.4	27.7	25.8	23.8
02	25°09.1	161°38.4	FEW		10	090	4	1016.6	0-1	$\frac{060}{110}$	3.4	27.7	26.3	23.8
03	25°08.0	161°40.8	FEW		10	095	4	1015.9	0-1	$\frac{060}{110}$	3.4	27.8	25.8	23.9
04	25°06.4N	161°32.6W	FEW		10	090	5	1015.9	<1	060	3-4	27.8	26.0	24.0
05	25°10.9N	161°38.7W	FEW		10	085	5	1016.0	<1	060	3-4	27.8	26.2	24.0
06														
07	25°09.6N	161°38.7W	FEW		10	<del>VAR</del> 110	LT	1016.0	<1	060	3-4	27.7	26.4	24.1
08	25°09.6N	161°38.6W	FEW		10	VAR	LT	1016.0	<1	070	3-4	27.6	27.5	24.2
09	25°09.6N	161°38.6W	FEW		10	VAR	LT	1016.0	<1	070	3-4	27.6	27.5	24.2
10	25°09.6N	161°38.6W	FEW		10	VAR	LT	1016.1	<1	080	3-4	27.6	27.5	24.2
11	25°09.6N	161°38.7W	SCT		10	140	5	1016.0	<1	085	3-4	27.7	28.2	24.8
12	25°09.6	161°38.7	SCT		10	095	4	1015.9	<1	$\frac{035}{100}$	3.4	27.8	28.4	24.8
13	25°09.7	161°38.8	SCT	ci cu	10	125	4	1015.7	<1	$\frac{035}{110}$	3.4	27.8	28.5	24.8
14	25°09.7	161°38.9	SCT	ci cu	10	100	3	1015.3	<1	$\frac{035}{110}$ $\frac{340}{4-5}$	$\frac{3-4}{4-5}$	27.8	28.6	24.7
15	25°09.6	161°38.6	SCT		10	VAR	LT	1014.8	<1	$\frac{050}{340}$ $\frac{340}{4-5}$	$\frac{3-4}{4-5}$	28.1	28.5	24.9
16	25°07.6	161°38.2	SCT		10	VAR	LT	1014.4	<1	VAR	2-4	27.8	27.8	23.5
17	24°58.7'	161°35.2'	SCT	ci cu	10	VAR	LT	1014.8	<1	VAR	2-4	27.7	30.8	26.0
18	24°48.0'	161°31.5'	SCT	cu	10	055	5	1015.2	<1	VAR	2-3	27.9	27.2	23.2
19	24°37.9'	161°28.0'	SCT	cu	10	030	7	1015.7	<1	VAR	1-3	28.1	27.0	22.0
20	24°28.7N	161°24.5W	SCT		10	045	7	1016.0	<1	VAR	1-3	28.0	27.0	24.5
21	24°17.3N	161°21.9W	SCT		10	055	8	1016.8	<1	VAR	<del>1-3</del> 5-8	27.8	27.0	23.5
22	24°07.6N	161°19.7W	SCT		10	050	7	1016.9	<1	VAR	2-3	27.8	26.8	23.2
23	23°57.7N	161°14.3W	FEW		10	050	9	1016.8	1	VAR	2-3	27.9	27.0	23.0



## DECK LOG – WEATHER OBSERVATION SHEET

NOAA Ship <i>OCEANUS EXPLORER (R-337)</i>						TIME ZONE <i>-10</i>	DAY OF WEEK <i>TUESDAY</i>	DATE (dd mmm yyyy) <i>26 SEP 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	23°47.7	161°10.9	FEW		10	080	11	1016.8	0-1	CONF	2-3	27.9	26.4	23.4
01	23°37.8	161°07.5	FEW		10	070	12	1016.8	0-1	CONF	2-3	27.9	26.5	24.0
02	23°28.0	161°04.2	FEW		10	065	12	1016.5	1-2	CONF	2-4	27.9	26.5	24.0
03	23°18.0	161°00.8	SCT		10	040	16	1015.4	1-2	CONF	2-4	27.7	26.5	24.9
04	23°07.4N	160°58.4W	SCT		10	050	14	1015.5	1-2	CONF	2-4	27.9	26.6	23.8
05	22°56.7N	160°57.1W	SCT		10	060	12	1015.5	1-2	CONF	2-4	27.9	26.7	23.5
06														
07	22°45.1N	160°55.7W	SCT		10	070	15	1015.5	1-2	<del>065</del>	2-4	—	26.8	23.7
08	22°45.2 N	160°55.8 W	SCT		10	050	13	1015.3	1-2	070	2-4	—	26.9	23.5
09	22°45.3 N	160°55.6 W	SCT		10	060	14	1015.8	1-2	070	2-4	—	23.2	27.0
10	22°45.2 N	160°55.6 W	SCT		10	060	13	1015.5	1-2	060	2-4	—	23.2	27.0
11	22°45.3 N	160°55.7 W	SCT		10	061	13	1015.3	1-2	060	2-4	28.0	27.5	23.5
12	22°45.3'	160°55.8	SCT		10	065	13	1016.0	1-2	075	2-4	28.1	27.5	23.2
13	22°45.3	160°55.8	SCT		10	050	15	1014.8	1-3	075	2-4	28.1	27.3	23.7
14	22°45.3	160°55.8	SCT		10	030	12	1014.5	1-3	075	2-4	28.2	27.4	23.5
15	22°45.3	160°55.9	SCT		10	040	13	1014.5	2-3	080	2-4	28.2	27.4	23.8
16	22°45.2	160°55.9	SCT		10	035	11	1014.5	2-3	<del>085</del> 130	2-4	28.2	27.8	24.0
17														
18														
19														
20	22°43.3N	160°54.0W	SCT		10	040	12	—	—	—	—	27.9	27.8	24.0
21	22°42.1N	160°52.2W	SCT		10	050	13	1016.0	2-3	080	2-4	27.9	27.1	23.5
22	22°37.6N	160°42.1W	SCT		10	060	19	1016.3	2-3	090	2-4	27.6	27.0	23.9
23	22°32.5 N	160°33.4W	SCT		10	055	16	1016.4	2-3	100	2-4	27.4	26.9	24.0

### DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship OCEANUS EXPLORER (R-337) TIME ZONE -10 DAY OF WEEK WEDNESDAY DATE (dd mmm yyyy) 27 SEP 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	22°27.0	160°24.1	SCT		10	060	13	1016.5	2-3	100	2-4	27.2	26.8	23.7
01	22°21.9	160°15.3	FEW		10	070	20	1015.8	2-3	100	2-4	27.2	26.6	24.2
02	22°16.6	160°06.3	FEW		10	055	21	1015.3	2-3	100	2-4	27.4	26.5	24.2
03	22°10.9	159°57.4	CLR		10	040	15	1015.1	2-3	100	2-4	27.7	26.3	24.0
04	22°00.7N	159°54.5W	CLR		10	VAR	LT	1015.0	2-3	100	2-4	27.5	26.8	23.0
05	21°50.1N	159°51.6W	FEW		10	060	10	1014.7	2-3	100	3-4	27.4	26.5	22.4
06	21°42.9N	159°45.1W	SCT		10	030	20	1015.5	2-3	085	3-4	27.6	25.9	24.0
07	21°39.6N	159°34.6W	SCT		10	065	20	1015.5	2-3	085	3-4			
08	21°36.8 N	159°25.3 W	BKN		10	070	16	1015.2	2-3	090	3-4	27.3	27.0	24.0
09	21°33.7 N	159°15.4 W	SCT		10	055	16	1016.0	2-3	090	3-4	27.7	27.0	24.3
10	21°30.2 N	159°03.9 W	SCT		10	080	17	1016.2	2-3	080	3-4	27.7	27.1	24.0
11	21°27.5 N	158°54.9 W	FEW		10	075	10	1015.9	2-3	085	3-4	27.5	27.1	23.9
12	21°24.3	158°44.9	SCT		10	060	8	1015.3	1-3	050	3-4	27.7	27.4	23.6
13	21°21.0	158°33.8	SCT		10	070	6	1014.9	1-3	030 120	3-4	27.9	27.9	24.0
14	<del>21°17.7</del> 21°15.01	<del>158°23.0</del> 158°14.7	SCT	SH-	10	115	12	1013.3	1-2	115	2-3	28.2	27.7	25.1
15	21°15.1	158°14.7			10									
16														
17	21°14.5'	158°13.6'	SCT		10	100	16	1012.9	2-3	115	2-4	28.0	27.8	24.6
18	21°14.5'	158°13.6'	SCT		10	060	17	1013.4	2-3	110	2-4	28.0	28.4	24.2
19														
20	21°25.0N	158°17.9 W	SCT		10	100	10	1015.0	2-3	110	2-4	28.3	27.5	24.0
21	21°34.1 N	158°22.6 W	SCT		10	070	20	1015.7	2-3	110	2-4	27.8	27.2	23.0
22	21°42.3 N	158°22.5 W	SCT		10	080	20	1016.0	2-3	110	2-4	27.3	26.7	24.6
23	21°43.5 N	158°22.1 W	SCT		10	070	16	1016.0	2-3	120	2-4	27.3	26.9	24.1

AM  
AM  
PM  
FM



### 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
00	21° 37.2' N	158° 24.0' W	FEW		10	080	23	1015.9	2-3	120	2.4	27.4	26.5	24.5
01	21° 43.6	158° 22.1	FEW		10	080	20	1015.9	2-3	120	2.4	27.2	26.6	24.0
02	21° 41.7	158° 22.6	FEW		10	060	12	1015.8	2-3	120	2.4	27.2	26.7	24.7
03	21° 39.1	158° 23.7	FEW		10	055	12	1015.0	2-3	120	2.4	27.6	26.7	23.8
04	21° 32.1 W	158° 20.9 W	FEW		10	040	15	1014.5	2-3	120	2.4	27.6	26.7	22.9
05	21° 23.4 N	158° 15.6 W	FEW		10	060	12	1014.2	2-3	120	2.4	28.0	27.2	22.2
06	<del>21° 13.1 N</del>	<del>158° 08.3 W</del>	<del>FEW</del>		<del>10</del>	<del>045</del>	<del>12</del>	<del>1014.5</del>						
07	21° 13.1 N	158° 08.3 W	FEW		10	045	12	1014.5	2-3	<del>090</del> 120	2.4	28.0	26.3	22.8
08	21° 13.1 N	158° 08.3 W	FEW		10	070	13	1014.9	2-3	090	2.4	27.9	26.2	23.0
09	21° 12.9 N	158° 08.0 W	FEW		10	060	13	1015.2	2-3	090	2.4	27.9	27.0	23.0
10	21° 12.9 N	158° 07.9 W	SCT		10	075	15	1014.7	2-3	090	2.4	27.9	27.1	23.1
11	21° 13.1 N	158° 07.6 W	SCT		10	075	15	1014.5	2-3	100	2.4	28.0	28.0	24.5
12	21° 13.1 N	158° 07.5 W	<del>FEW</del> SCT		10	090	14	1014.7	2-3	090	2.4	28.0	28.8	23.5
13	21° 13.1 N	158° 07.5 W			10	070	20					<del>28.7</del>	<del>24.1</del>	
14	21° 13.1 N	158° 07.4 W	FEW		10	075	18	1013.2	2-3	090	2.4	28.1	28.3	24.1
15	21° 13.0 N	158° 07.4 W	FEW		10	070	19	1012.7	2-3	090	3.4	28.1	28.5	23.8
16	21° 13.0 N	158° 07.3 W	SCT		10	070	15	1012.9	2-3	090	3.4	28.1	28.4	23.2
17	21° 12.9 N	158° 06.7 W	FEW		10	075	12	1012.9	2-3	<del>075</del> 090	3.4	28.1	28.0	24.0
18	21° 11.8 N	158° 06.3 W	SCT		10	065	14	1013.8	2-3	090	3-4	28.1	27.5	27.2
19	21° 04.6 N	158° 02.9 W	SCT		10	070	25	1014.0	3-4	075	5-6	28.0	27.3	27.0
20	21° 03.0 N	158° 55.5 W	SCT		10	050	23	1014.3	3-4	075	5-6	27.2	27.1	27.1
21	21° 02.9 N	157° 47.4 W	SCT		10	060	23	1015.0	3-4	075	5-6	27.3	27.1	27.1
22	21° 01.9 N	157° 51.4 W	SCT		10	065	20	1015.3	3-4	075	5-6	27.3	27.0	27.1
23	21° 01.7 N	157° 59.0 W	SCT		10	060	20	1015.0	3-4	075	5-6	27.4	26.9	26.9