

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship: Bell M Shimada R-227									TIME ZONE (-7 or -8) -7		DAY OF WEEK Saturday		DATE (dd mmm yyyy) 25-Mar-2023		
HOURLY WX TIME	POSITION		SKY CONDITION	PRESENT WEATHER	VISIBILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVE		TEMPERATURE (C)			
	LATITUDE	LONGITUDE				Dir.	Speed			Dir.	Height	SEA WATER	DRY	WET	
00	N	W													
01	N	W													
02	N	W													
03	N	W													
04	N	W													
05	N	W													
06	N	W													
07	N	W													
08	N	W													
09	N	W													
10	N	W													
11	N	W													
12	32 42.4	N 117 21.8	W	CLR		10	160	5	1018.4	1	280	3	14.5	14.3	11.4
13	32 50.8	N 117 20.8	W	CLR		10	222	7	1017.8	1	280	3	14.5	14.8	11.5
14	OPS	N	W												
15	OPS	N	W												
16	OPS	N	W												
17	OPS	N	W												
18	32 59.6	N 117 19.8	W	FEW	-	10	306	10	1015.9	1-2	295	2-3	15.2	14.3	9.2
19	33 06.2	N 117 24.1	W	FEW	-	10	301	10	1016.0	1-2	295	2-3	15.1	13.9	10.3
20	OPS	N	W												
21	34 12.4	N 118 29.8	W	CLR	-	10	310	9	1016.6	1-2	270	2-3	14.5	14.0	10.6
22	33 03.4	N 117 26.9	W	CLR	-	10	220	4	1016.9	1-2	270	2-3	14.9	13.9	9.7
23	OPS	N	W												
	N	W													

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship: Bell M Shimada R-227									TIME ZONE (-7 or -8) -7		DAY OF WEEK Sunday		DATE (dd mmm yyyy) 26-Mar-2023			
HOURLY WX TIME	POSITION				SKY CONDITION	PRESENT WEATHER	VISIBILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVE		TEMPERATURE (C)		
	LATITUDE		LONGITUDE					Dir.	Speed			Dir.	Height	SEA WATER	DRY	WET
00	32 54.9	N	117 23.6	W	SCT	-	10	204	5	1017.3	2-3	295	2-3	14.5	13.3	10.0
01	32 53.9	N	117 24.0	W	FEW	-	10	210	6	1017.3	2-3	295	2-3	14.4	13.2	10.8
02	32 52.2	N	117 28.6	W	FEW	-	10	200	5	1017.1	2-3	295	2-3	14.5	13.3	11.3
03	32 50.5	N	117 31.4	W	FEW	-	10	200	2	1016.9	2-3	295	2-3	14.5	13.1	11.7
04	32 49.9	N	117 30.9	W	FEW		10	340	10	1016.8	1	290	3-4	14.6	13.7	9.2
05	32 49.0	N	117 31.4	W	FEW		10	330	15	1017.0	2	290	3-4	14.7	13.8	9.0
06	32 47.3	N	117 36.0	W	FEW		10	333	21	1017.5	2	290	3-4	14.4	13.8	8.8
07	32 43.2	N	117 46.1	W	FEW		10	325	16	1018.1	3	290	4	14.3	13.7	8.9
08	OPS	N		W												
09	OPS	N		W												
10	32 38.9	N	117 56.2	W	FEW	-	10	340	18	1019.1	3	285	5	14.4	13.6	9.3
11	32 34.3	N	118 05.6	W	FEW	-	10	330	15	1019.5	3	285	5	14.2	13.4	9.9
12	32 30.6	N	118 12.8	W	FEW	St	10	315	18	1019.6	4	285	7	14.0	13.7	9.9
13	32 30.1	N	118 13.1	W	FEW	St	10	320	16	1019.4	4	290	7	14.0	13.8	9.9
14	32 29.5	N	118 15.6	W	FEW	Sc	10	320	20	1018.9	4	290	7	14.0	14.0	9.9
15	OPS	N		W												
16	32 20.8	N	118 33.3	W	FEW	-	10	320	19	1018.8	4-5	310	8-10	13.4	13.1	10.1
17	32 20.7	N	118 33.3	W	FEW	-	10	323	24	1018.7	4-5	310	8-10	13.4	13.0	10.0
18	32 20.8	N	118 34.9	W	FEW	-	10	322	18	1018.6	4-5	310	8-12	13.4	12.6	9.6
19	32 16.6	N	118 42.0	W	FEW	-	10	322	25	1018.5	4-5	310	8-12	13.4	12.6	9.9
20	32 14.5	N	118 45.7	W	FEW	SC	10	330	24	1018.7	4-5	310	8-12	13.2	12.1	9.7
21	32 10.8	N	118 52.9	W	FEW	SC	10	330	27	1019.0	4-5	310	8-12	13.1	12.2	9.8
22	OPS	N	118 55.3	W	FEW	SC	10	330	22	1019.7	4-5	310	10-12	13.0	12.3	10.3
23	OPS	N		W												
		N		W												

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship: Bell M Shimada R-227									TIME ZONE (-7 or -8) -7		DAY OF WEEK Saturday		DATE (dd mmm yyyy) 25-Mar-2023			
HOURLY WX TIME	POSITION				SKY CONDITION	PRESENT WEATHER	VISIBILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVE		TEMPERATURE (C)		
	LATITUDE		LONGITUDE					Dir.	Speed			Dir.	Height	SEA WATER	DRY	WET
00	32 06.6	N	119 01.7	W	FEW	-	10	330	28	1019.5	5	310	10-12	13.1	12.2	10.1
01	32 03.3	N	119 9.0	W	FEW	-	10	340	28	1018.9	5	310	10-12	13.6	12.4	10.0
02	32 00.6	N	119 13.8	W	FEW	-	10	345	24	1019.3	5	310	10-12	13.5	12.3	9.8
03	32 00.2	N	119 14.5	W	FEW	-	10	342	21	1019.4	5	310	10-12	13.6	12.3	10.2
04	31 59.4	N	119 17.7	W	FEW		10	335	22	1018.9	4	310	10-12	13.5	12.3	10.2
05	31 55.5	N	119 25.1	W	FEW		10	350	20	1018.8	4	310	10	13.6	12.4	10.4
06	31 51.3	N	119 33.4	W	SCT		10	340	20	1018.9	3-5	320	8-10	13.7	12.4	10.4
07	31 50.4	N	119 35.1	W	SCT		10	340	13	1019.3	3-4	320	8-10	13.7	12.5	10.6
08	OPS	N		W												
09	31 46.6	N	119 43.4	W	SCT	-	10	330	16	1019.7	3-4	320	10	13.8	13.0	10.5
10	31 41.5	N	119 53.0	W	SCT	-	10	340	19	1020.2	3-4	310	10	13.9	13.1	10.5
11	31 36.7	N	120 02.8	W	SCT	-	10	330	17	1020.9	3-4	310	8-10	14.1	13.5	11.0
12	31 32.2	N	120 11.8	W	FEW	HZ VC	10	333	17	1021.1	3-4	310	8-10	14.1	13.1	10.8
13	31 30.6	N	120 14.8	W	FEW		10	333	12	1021.0	3	310	8-9	14.1	13.8	11.4
14	31 30.1	N	120 16.6	W	FEW		10	334	16	1020.3	3	310	8	13.8	14.1	11.2
15	31 27.1	N	120 22.7	W	FEW	CU	10	345	15	1019.9	3	310	5-7	13.9	13.7	11.1
16	31 25.2	N	120 26.0	W	SCT	-	10	344	20	1019.6	3	310	5-7	14.2	13.0	10.7
17	31 20.3	N	120 35.9	W	FEW	-	10	339	18	1019.6	3	310	5-7	14.4	13.2	10.9
18	31 15.7	N	120 45.3	W	FEW	-	10	345	19	1019.7	3	310	5-7	14.6	13.3	10.8
19	31 10.8	N	120 55.1	W	FEW	-	10	345	14	1020.1	3	320	4-6	10.9	13.3	10.9
20	31 10.5	N	120 55.6	W	SCT	ScCu	10	345	14	1019.9	3	320	4-6	14.8	13.1	10.5
21	31 09.4	N	120 59.1	W	SCT	ScCu	10	340	17	1020.4	3	320	4-6	14.7	12.9	10.5
22	31 04.5	N	121 08.1	W	SCT	ScCu	10	340	20	1020.8	3	320	4-6	14.3	12.7	10.5
23	30 59.6	N	121 17.5	W	SCT	ScCu	10	350	16	1020.9	3	320	4-6	15.7	12.7	10.5
		N		W												

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship: Bell M Shimada R-227									TIME ZONE (-7 or -8) -7		DAY OF WEEK Sunday		DATE (dd mmm yyyy) 26-Mar-2023			
HOURLY WX TIME	POSITION			SKY CONDITION	PRESENT WEATHER	VISIBILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVE		TEMPERATURE (C)			
	LATITUDE		LONGITUDE				Dir.	Speed			Dir.	Height	SEA WATER	DRY	WET	
00	30 54.9	N	121 27.0	W	SCT	-	10	350	16	1020.7	3	320	4-6	15.4	12.6	10.4
01	30 50.8	N	121 35.1	W	SCT	-	10	342	15	1020.8	3	320	4-6	16.1	12.5	10.3
02	30 50.3	N	121 35.7	W	SCT	-	10	344	12	1020.3	3	320	4-6	16.1	12.3	10.1
03	30 49.9	N	121 37.7	W	SCT	-	10	330	15	1019.7	3	320	4-6	16.1	12.3	9.9
04	30 44.3	N	121 48.2	W	FEW		10	345	13	1018.7	3	320	4-6	15.7	12.3	9.8
05	30 39.2	N	121 58.6	W	FEW		10	335	10	1019.1	2-3	320	3-5	16.1	12.4	10.0
06	30 35.0	N	122 06.9	W	BKN		10	324	17	1019.4	2-3	320	3-5	16.1	12.7	10
07	30 30.7	N	122 15.6	W	BKN		10	330	10	1020.0	2-4	320/010	3-5	16.2	12.9	10.1
08	OPS	N		W												
09	OPS	N		W												
10	30 29.2	N	122 18.5	W	SCT	-	10	315	10	1020.8	2	330	3-5	16.2	13.7	10.6
11	30 24.5	N	122 28.0	W	SCT	-	10	323	12	1020.8	2	330	3-4	16.2	14.2	10.9
12	30 19.5	N	122 37.9	W	SCT	Sc	10	290	10	1020.7	1-2	320	3	16.3	14.6	11.3
13	30 14.7	N	122 47.4	W	FEW	Sc	10	300	12	1020.4	1-2	320	3	16.4	14.8	11.6
14	30 10.7	N	122 55.6	W	BKN	Cu	10	270	12	1020.1	1-2	320	3-4	16.4	15.4	12.3
15	30 09.8	N	122 56.4	W	BKN	CU	10	275	12	1019.3	1-2	320	3-4	16.5	15.7	12.7
16	30 07.1	N	123 01.9	W	BKN	-	10	295	15	1018.7	1-2	320	3-4	16.5	16.0	12.8
17	30 02.0	N	123 12.9	W	BKN	-	10	283	13	1018.2	1-2	320	3-4	16.5	16.3	13.2
18	29 55.9	N	123 25.0	W	BKN	-	10	281	13	1017.7	1-2	320	3-4	16.5	16.4	13.5
19	29 52.3	N	123 32.0	W	SCT	-	10	286	12	1018.1	1-2	320	3-4	16.5	16.4	13.8
20	OPS	N		W												
21	29 51.9	N	123 37.9	W	SCT	-	10	255	12	1017.9	1-2	320	3-4	16.4	16.2	14.2
22	29 59.7	N	123 42.7	W	SCT	-	10	240	17	1017.8	1-2	320	3-4	16.3	16.4	14.6
23	30 08.2	N	123 48.0	W	SCT	-	10	235	17	1017.5	1-2	320	4	16.4	16.6	14.9
		N		W												

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship: Bell M Shimada R-227									TIME ZONE (-7 or -8) -7		DAY OF WEEK Monday		DATE (dd mmm yyyy) 27-Mar-2023			
HOURLY WX TIME	POSITION				SKY CONDITION	PRESENT WEATHER	VISIBILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVE		TEMPERATURE (C)		
	LATITUDE		LONGITUDE					Dir.	Speed			Dir.	Height	SEA WATER	DRY	WET
00	30 17.1	N	123 24.0	W	BKN	-	10	340	25	1016.6	2	320	4	16.5	16.6	15.1
01	30 24.9	N	123 59.7	W	BKN	-	10	255	19	1016.3	2	320	4-5	16.5	15.9	15.1
02	30 24.2	N	123 59.6	W	OVC	RN	10	345	19	1016.0	2	320	5-6	16.5	13.4	12.9
03	30 24.2	N	124 00.8	W	OVC	RN	4	340	17	1016.0	2	320	5-6	16.1	12.8	12.2
04	30 29.0	N	123 52.0	W	OVC	RN VC	10	324	21	1015.5	2	320	4-5	16.2	13.7	12.1
05	30 34.1	N	123 41.8	W	OVC		10	312	19	1015.2	2	320	4-5	16.2	13.9	11.8
06	30 39.7	N	123 30.6	W	OVC		10	307	22	1015.4	2	320	5-6	16.1	14	11.6
07	30 44.2	N	123 20.6	W	OVC		10	308	19	1015.5	2	300	5	15.9	14	11
08	OPS	N		W												
09	OPS	N		W												
10	OPS	N		W												
11	30 47.4	N	123 15.0	W	BKN	-	10	292	18	1017.0	3-4	310	5-6	15.7	16.5	11.5
12	30 52.5	N	123 04.8	W	BKN	Cu	10	290	20	1016.9	3-4	310	5-6	15.9	16.0	11.1
13	30 57.4	N	122 55.1	W	SCT	Cu	10	285	19	1016.6	3-4	310	5-6	16.1	15.5	11.4
14	31 02.6	N	122 44.6	W	SCT	Cu	10	295	23	1015.9	3-4	310	5-6	15.4	15.4	10.9
15	31 04.8	N	122 39.7	W	BKN	Cu	10	300	21	1015.4	3-4	300	6-7	15.8	14.6	10.4
16	31 04.2	N	122 40.2	W	BKN	-	10	290	18	1015.0	3-4	300	7-8	15.6	14.2	10.5
17	31 06.6	N	122 36.2	W	BKN	RA	10	285	24	1014.2	3-4	300	7-8	15.7	14.3	11.1
18	31 12.4	N	122 24.8	W	BKN	-	10	275	23	1013.7	3-4	300	8-10	15.4	14.6	11.3
19	31 15.7	N	122 18.2	W	BKN	VC RA	10	281	22	1013.4	3-4	300	8-10	14.9	14.2	10.9
20	31 15.7	N	122 18.3	W	BKN	VCRA	10	280	22	1013.4	3-4	300	8-10	14.9	14.2	10.9
21	OPS	N		W												
22	31 15.7	N	122 18.2	W	BKN	Cu	10	280	22	1013.4	4-5	300	8-10	14.9	14.2	10.9
23	31 15.7	N	122 18.2	W	BKN	Cu	10	280	22	1013.4	4-5	300	8-10	14.8	14.2	10.9
		N		W												

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship: Bell M Shimada R-227									TIME ZONE (-7 or -8) -7		DAY OF WEEK Tuesday		DATE (dd mmm yyyy) 28-Mar-2023			
HOURLY WX TIME	POSITION				SKY CONDITION	PRESENT WEATHER	VISIBILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVE		TEMPERATURE (C)		
	LATITUDE		LONGITUDE					Dir.	Speed			Dir.	Height	SEA WATER	DRY	WET
00	31 33.3	N	121 42.3	W	SCT	-	10	280	25	1013.5	4-5	300	9-11	14.4	13.6	10.6
01	31 38.4	N	121 32.3	W	SCT	-	10	280	26	1013.9	4-5	300	9-11	14.2	13.9	10.7
02	31 43.5	N	121 22.0	W	SCT	-	10	275	24	1013.4	4-5	300	9-11	14.1	13.8	10.9
03	31 44.7	N	121 19.0	W	BKN	VC RA	10	294	20	1012.8	4-5	300	9-11	14.0	13.1	10.3
04	31 44.0	N	121 19.9	W	BKN		10	280	25	1012.2	4-6	310	9-12	14.0	13.2	9.7
05	31 47.3	N	121 14.4	W	BKN		10	280	25	1012.0	4-6	310	10-12	13.9	13.5	10.1
06	31 52.3	N	121 04.2	W	BKN		10	280	20	1012.0	4-6	310	10-12	13.9	14.3	11.1
07	31 57.0	N	120 54.5	W	BKN	VC RA	10	280	27	1012.0	4-6	290	10-12	13.8	13.4	10.5
08	32 02.2	N	120 43.8	W	BKN	-	10	290	26	1012.2	4-6	290	10-12	13.9	14.1	10.9
09	OPS	N		W												
10	32 04.6	N	120 38.0	W	BKN	-	10	300	23	1013.6	6	290	14-16	13.9	13.3	10.1
11	OPS	N		W												
12	32 04.7	N	120 39.2	W	SCT	Cu	10	330	21	1015.7	6	300	14-16	13.9	13.4	10.2
13	32 07.4	N	120 32.9	W	SCT	CU	10	320	21	1015.5	6	300	14-16	14.0	14.1	11.0
14	32 11.8	N	120 23.3	W	SCT	Cu	10	320	19	1015.4	5	300	14	13.3	14.0	10.8
15	32 15.0	N	120 14.1	W	SCT	CU	10	320	20	1015.8	5	300	12-14	13.8	14.1	10.5
16	32 19.6	N	120 06.0	W	SCT	-	10	314	20	1015.9	5	300	12-14	13.7	14.0	10.6
17	32 23.4	N	119 57.5	W	SCT	-	10	316	18	1015.7	5	300	10-12	13.7	13.6	10.3
18	32 23.3	N	119 58.1	W	SCT	-	10	320	14	1016.6	5	315	8-12	13.7	12.9	9.9
19	OPS	N		W												
20	33 26.4	N	120 54.9	W	SCT	Cu	10	320	17	1016.63	5	315	8-12	13.4	12.5	9.8
21	32 31.2	N	119 45.1	W	SCT	Cu	10	320	16	1017.7	5	315	8-12	12.7	12.4	10.0
22	32 35.9	N	119 35.3	W	SCT	Cu	10	320	17	1018.2	5	315	8-12	12.4	12.4	9.7
23	32 39.1	N	119 29.1	W	SCT	CU	10	325	13	1019.0	4	315	7-9	12.9	12.2	9.5
		N		W												

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship: Bell M Shimada R-227									TIME ZONE (-7 or -8) -7		DAY OF WEEK Wednesday		DATE (dd mmm yyyy) 29-Mar-2023			
HOURLY WX TIME	POSITION				SKY CONDITION	PRESENT WEATHER	VISIBILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVE		TEMPERATURE (C)		
	LATITUDE		LONGITUDE					Dir.	Speed			Dir.	Height	SEA WATER	DRY	WET
00	32 39.1	N	119 29.7	W	SCT	-	10	340	15	1019.0	4	300	6-8	13.1	12.2	9.7
01	32 40.7	N	119 27.1	W	SCT	-	10	315	14	1019.4	4	300	6-8	12.8	12.2	10.0
02	32 44.1	N	119 18.7	W	FEW	-	10	320	12	1019.3	3	300	5-7	12.9	12.2	10.4
03	32 48.8	N	119 08.8	W	FEW	-	10	320	12	1019.1	2-3	300	5	13.0	12.1	10.3
04	32 53.6	N	118 59.0	W	FEW		10	330	9	1019.2	2-3	300	5	13.0	11.9	10.2
05	32 55.1	N	118 55.7	W	FEW		10	330	5	1019.1	1-2	300	4	13.0	12.1	10.5
06	32 55.0	N	118 55.5	W	FEW		10	345	5	1019.3	1-2	300	3-4	13.1	12.2	10.6
07	32 58.2	N	118 50.3	W	FEW		10	060	3	1019.8	1-2	300	3	13.6	12.5	10.5
08	33 03.5	N	118 41.3	W	SCT	-	10	050	8	1020.6	1	300	3	13.6	13.7	11.6
09	33 08.8	N	118 29.0	W	SCT	-	10	150	6	1021.4	1	280	3	13.9	14.1	11.0
10	OPS	N		W												
11	OPS	N		W												
12	33 11.2	N	118 22.8	W	BKN	Cu	10	215	3	1022.3	<1	270	1-2	13.8	15.3	12.0
13	33 15.2	N	118 14.9	W	BKN	AsCu	10	280	7	1021.8	<1	250	2-3	15.0	14.3	11.3
14	33 14.7	N	118 14.6	W	BKN	AsCu	10	280	10	1021.4	<1	250	2-3	14.9	14.2	11.7
15	33 15.5	N	118 12.7	W	BKN	AsCu	10	280	13	1021.4	<1	250	2-3	14.5	15.2	12.1
16	33 18.5	N	118 03.4	W	BKN	-	10	294	12	1020.6	<1	280	2-3	14.3	15.2	12.5
17	33 22.5	N	117 51.8	W	BKN	-	10	286	17	1020.2	<1	280	2-3	14.5	12.9	12.5
18		N		W												
19		N		W												
20	33 25.9	N	117 42.3	W	BKN	AsCu	10	325	17	1019.5	<1	280	2-3	13.8	13.7	11.7
21	OPS	N		W												
22	OPS	N		W												
23	33 28.2	N	117 46.8	W	BKN	AsCu	10	310	10	1019.6	<1	280	2-3	13.7	13.4	12.1
		N		W												