

Preliminary Hypocenters of Earthquakes in The Healdsburg
(1:100,000) Quadrangle, Lake Berryessa to Clear Lake,
California,

October 1969 - December 1976

by

S. M. Marks and C. G. Bufe

U.S. Geological Survey
345 Middlefield Road
Menlo Park, CA...94025

Open-File Report 78-953

This report is preliminary and has not been edited or reviewed
for conformity with Geological Survey standards and nomenclature.

CONTENTS

	<u>Page</u>
Introduction.....	3
Data.....	3
Discussion.....	3
References.....	4

ILLUSTRATIONS

Fig. 1. U.S. Geological Survey seismographic stations....	6
---	---

TABLES

Table 1. Station data.....	5
----------------------------	---

APPENDIX

Healdsburg Quadrangle earthquake Oct 69-Dec 76...	7
---	---

PLATES

Plate 1. Map of Preliminary hypocenters of the Healdsburg (1:100,000) quadrangle, October 1969-December 1976	
---	--

INTRODUCTION

This report contains data on earthquakes in the Healdsburg quadrangle located by the U.S. Geological Survey's (USGS) seismograph network, during the period October 1969-December 1976. Plate 1 covers the same region as the map by Bufe and others (1976), which contained data from October 1969 to June 1976. The purpose of this report is to extend the data base through December 1976 and to provide a listing of locations in catalog form. Plate 1 includes several earthquakes with depths ≥ 10 km that were inadvertently not plotted on the first map.

DATA

Catalogs for all earthquakes located by the USGS seismograph network are published quarterly; information on instrumentation, data processing, and analysis can be found in the catalog by Lester and others (1976). Station coordinates and dates of operation for USGS stations north of San Francisco Bay are shown in Table 1.

DISCUSSION

Hypocenters for all earthquakes located in the Healdsburg quadrangle are shown in Plate 1 and listed in the appendix. The determination of depth of most earthquakes prior to 1975 is unreliable because the events were outside the seismograph network. In 1975 twenty-one stations were added to the network north of Santa Rosa (fig. 1). Since then earthquakes of $M \geq 1$ have been routinely located; the quality of most of the locations for 1975 and 1976 is good to excellent.

A more detailed study of The Geysers region is contained in the open-file report by Marks and others (1975).

REFERENCES

- Bufe, C. G., Pfluke, J., Lester, F., and Marks, S., 1976, Preliminary hypocenters of earthquakes in the Healdsburg (1:100,000) quadrangle, Lake Berryessa to Clear Lake, California: U.S. Geological Survey Open-File Report 76-802.
- Lester, F. W., Kirkman, S. W., and Meagher, K. M., 1976, Catalog of earthquakes along the San Andreas fault system in central California, October-December 1973: U.S. Geological Survey Open-File Report 76-732, 37 p.
- Marks, S. M., Ludwin, R. S., Louie, K. B., and Bufe, C. G., 1978, Seismic monitoring at The Geysers geothermal field, California: U.S. Geological Survey Open-File Report 78-798, 26 p.

TABLE 1. Station coordinates and dates of operation for USGS stations north of San Francisco Bay.

Station Name	Stn.	Lat.	Long.	Elv M	Dly1	Dly2	Date on	Date off
PT. ARENA AIR FORCE	6AF	38-53.59N	123-32.28W	710	1	0.00	0.00	750122 - PRESENT
ALEXANDER VALLEY	6AX	38-42.65N	122-45.30W	379	1	-.50	-.50	730921 - PRESENT
BOGGS MOUNTAIN	6BG	38-48.84N	122-40.76W	1125	1	0.00	0.00	750626 - PRESENT
BLACK OAKS	6BO	38-49.46N	122-50.57W	879	1	0.00	0.00	750620 - PRESENT
COBB MOUNTAIN	6CM	38-48.35N	122-45.31W	1286	1	0.00	0.00	750423 - PRESENT
CLOVERDALE	6CV	38-46.14N	123-00.89W	150	1	0.00	0.00	750507 - PRESENT
DRY CREEK	6DC	38-46.03N	123-14.31W	772	1	0.00	0.00	750507 - PRESENT
GLENVIEW	6GL	38-53.80N	122-46.58W	893	1	-.20	-.20	750418 - PRESENT
GEYSER PEAK	6GP	38-45.82N	122-50.65W	1054	1	0.05	0.05	750418 - PRESENT
HOUSE CREEK	6HC	38-36.36N	123-11.81W	518	1	0.00	0.00	750507 - PRESENT
HIGHLAND SPRINGS	6HL	39-02.43N	123-01.12W	956	1	0.00	0.00	750701 - PRESENT
MOGBACK RIDGE	6HG	39-07.70N	122-49.47W	903	1	-.25	-.25	750418 - PRESENT
MCLAUGHLIN RANCH	6MC	38-47.56N	123-07.80W	426	1	0.00	0.00	750507 - PRESENT
MOUNT KNOX	6MK	38-58.17N	122-47.22W	906	1	-.15	-.15	750418 - PRESENT
MOFFITT RANCH	6MO	38-42.61N	123-08.59W	802	1	0.00	0.00	750507 - PRESENT
PINE MOUNTAIN	6PM	38-50.85N	122-56.78W	783	1	-.35	-.35	730921 - PRESENT
ROUND MOUNTAIN	6RM	39-01.23N	122-35.06W	469	1	0.00	0.00	750626 - PRESENT
ROUND TOP MOUNTAIN	6RT	38-56.32N	122-40.18W	619	1	0.00	0.00	750626 - PRESENT
SEIGLER MOUNTAIN	6SG	38-52.03N	122-42.58W	1080	1	0.10	0.10	740702 - PRESENT
SOCRATES MINE	6SM	38-46.15N	122-46.87W	1017	1	0.00	0.00	750718 - PRESENT
SNOW MOUNTAIN	6SN	38-56.43N	123-11.50W	870	1	0.00	0.00	750620 - PRESENT
SKAGGS SPRINGS	6SS	38-42.12N	123-00.81W	282	1	0.00	0.00	750122 - PRESENT
BERRYESSA PEAK	6BP	38-40.07N	122-11.60W	867	1	0.00	0.00	740510 - PRESENT
BEEBE RANCH	6BR	38-15.65N	122-32.99W	137	1	-.23	-.23	700814 - PRESENT
CAVEDALE ROAD	6CD	38-22.19N	122-27.70W	620	1	-.23	-.23	710308 - PRESENT
CANFIELD ROAD	6CF	38-19.28N	122-47.73W	98	1	-.23	-.23	700814 - PRESENT
FARALLONES ISLAND	6FI	37-41.90N	123-00.00W	107	2	-.41	-.41	710305 - PRESENT
FORT ROSS	6FR	38-31.36N	123-09.66W	528	1	-.05	-.05	750122 - PRESENT
GREEN VALLEY ROAD	6GV	38-16.84N	122-12.89W	257	1	0.32	0.32	710430 - PRESENT
HEALDSBURG	6HB	38-35.36N	122-54.54W	165	1	-.20	-.20	750221 - PRESENT
HAMILTON RANCH	6HM	38-09.28N	121-48.02W	65	1	0.52	0.52	710429 - PRESENT
LAKE HERMAN	6LH	38-07.19N	122-02.87W	177	1	0.00	0.00	770915 - PRESENT
LINCOLN SCHOOL	6LN	38-09.15N	122-42.75W	120	1	-.29	-.29	700814 - PRESENT
MT. ST. HELENA (CLD)	6MH	38-40.22N	122-38.03W	1200	1	0.00	0.00	- 770120A
MT. ST. HELENA	6MH	38-40.17N	122-37.93W	1311	1	0.00	0.00	770120 - PRESENT
MIDDLETOWN	6MT	38-48.34N	122-26.76W	422	1	0.00	0.00	750626 - PRESENT
MARK WEST SPRINGS	6MW	38-33.03N	122-43.37W	134	1	-.04	-.04	700814 - PRESENT
MIX CANYON ROAD	6MX	38-24.68N	122-03.44W	177	1	0.40	0.40	710612 - PRESENT
OLIMA CA.	6OL	38-02.50N	122-47.64W	37	2	-.17	-.17	770223 - PRESENT
SAINT HELENA ROAD	6SH	38-31.20N	122-36.43W	328	1	-.28	-.28	700814 - PRESENT
SEARS POINT	6SP	38-10.96N	122-27.20W	88	1	-.24	-.24	710203 - PRESENT
TAYLOR MOUNTAIN	6TM	38-23.15N	122-40.83W	105	1	-.14	-.14	700814 - PRESENT
NUTTING RANCH	6NT	38-49.46N	121-27.44W	128	1	0.00	0.00	751210 - 770427
WRIGHT RANCH	6WR	38-27.42N	122-53.26W	50	1	-.34	-.34	700814 - PRESENT

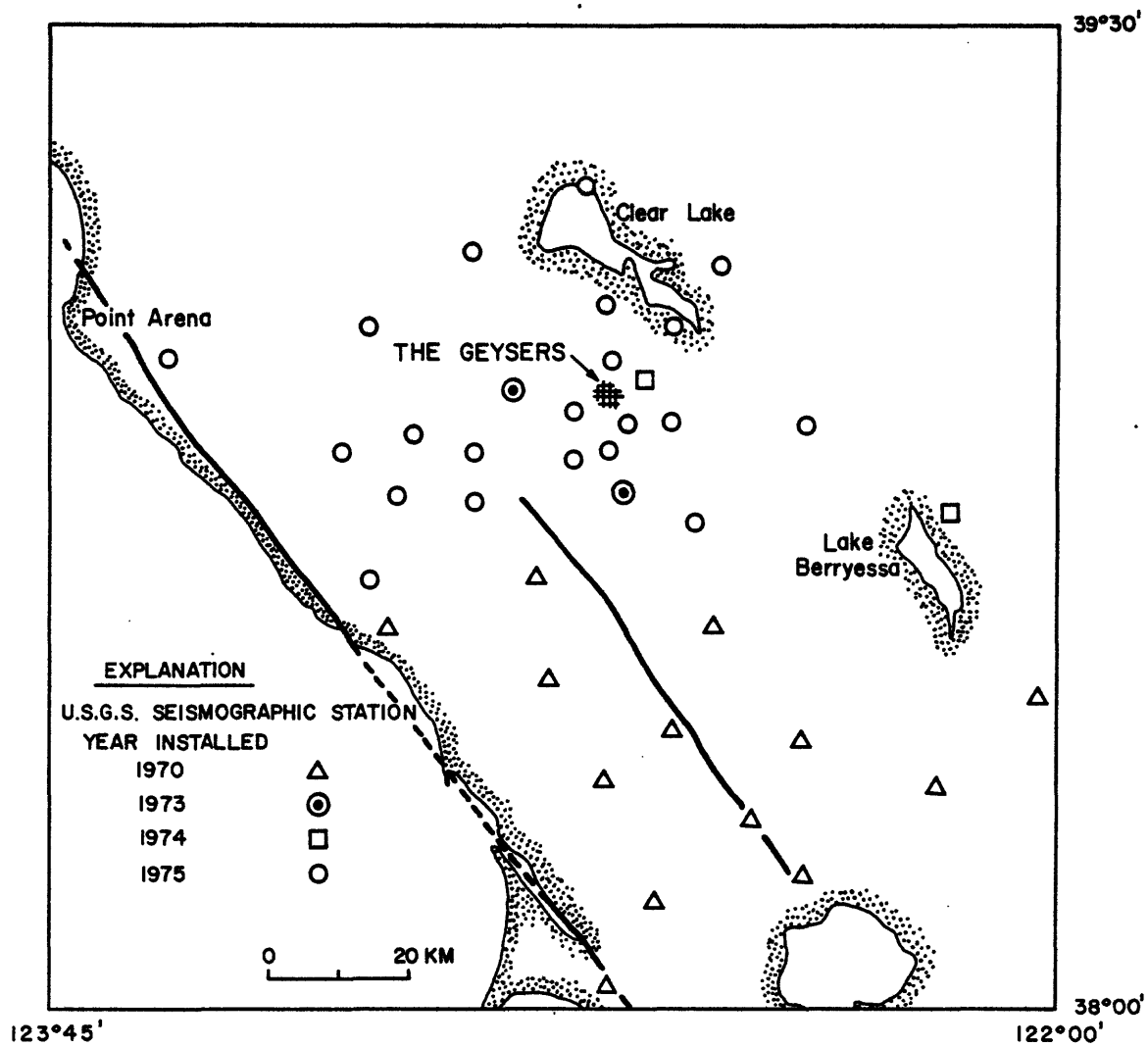
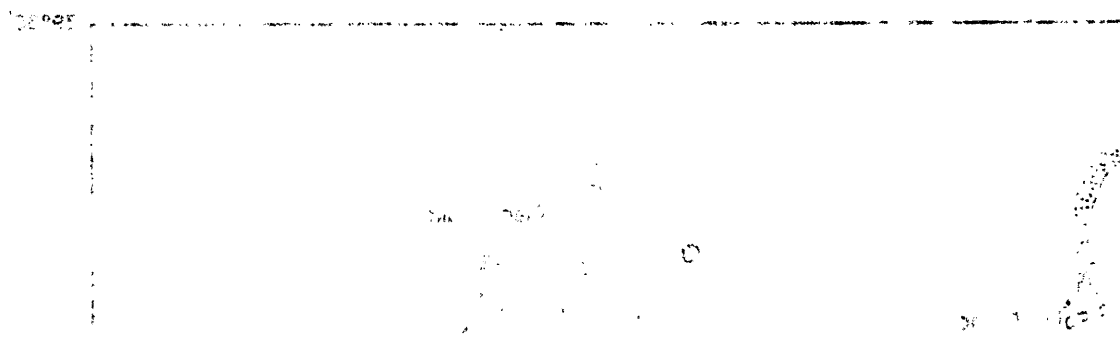


Figure 1. U.S. Geological Survey seismographic stations.



A P P E N D I X

A listing of earthquakes for the Healdsburg
quadrangle

October 1969 - December 1976

DATE	HRMN	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N GAP	DMIN	RMS	ERR	ERZ OM	
691002	1227	5.50	38-30.45	122-42.10	7.25	4.51	40	108	52.5	0.30	1.3 1.1 D1	
700430	1241	33.42	38-31.15	122-43.46	5.43	0.89	6	118	3.5	0.06	0.7 1.2 B1	
701019	819	3.83	38-32.03	122-44.79	3.66	1.48	8	173	2.8	0.09	1.5 4.2 C1	
701028	051	13.30	38-34.06	122-45.55	0.00	2.27	6	285	10.6	0.11	6.0 3.3 D1	
701207	2326	52.58	38-39.37	122-52.52	6.71	2.77	10	157	17.7	0.17	1.5 1.3 C1	
710123	1554	58.56	38-32.90	122-25.24	8.29	1.69	6	289	16.6	0.04	2.1 1.9 C1	
710130	1225	17.98	38-31.07	122-42.97	7.65	0.92	6	105	3.7	0.01	0.3 0.6 B1	
710201	1741	15.54	38-31.30	122-27.90	9.44	1.80	6	276	12.4	0.10	3.6 3.2 D1	
710227	1117	47.95	38-33.15	122-36.53	5.00	1.98	7	253	3.6	0.34	1.2 0.9 D1	
710421	128	12.40	38-30.48	122-43.46	5.00	1.13	6	113	4.7	0.08	1.5 6.1 C1	
710511	1324	20.60	38-31.30	122-34.74	5.00	1.32	6	224	2.5	0.18	2.1 1.9 C1	
710514	1152	58.99	38-40.15	122-43.46	1.26	1.30	8	305	13.2	0.23	17.4307.1 D1	
710601	710	33.86	38-34.43	122- 9.66	9.95	1.69	7	281	32.9	0.11	3.9 2.1 D1	
710703	042	37.35	38-30.21	122-50.81	9.18	1.60	8	210	6.3	0.09	2.2 3.5 C1	
710818	10	124.04	38-31.14	122-42.89	8.66	1.15	7	103	3.6	0.06	1.2 2.2 B1	
711008	1144	0.42	38-34.23	122-45.65	7.23	1.74	9	251	4.0	0.07	1.7 1.6 C1	
711015	830	15.56	38-35.33	122-15.47	8.15	2.20	11	234	26.3	0.17	1.9 3.1 C1	
711019	1917	31.89	38-31.82	122-44.81	5.00	1.73	7	167	3.1	0.06	1.2 2.4 C1	
711023	1610	18.57	38-30.38	122-26.19	9.71	1.55	9	187	15.0	0.20	1.7 4.5 C1	
711216	111	47.54	38-35.91	122-36.53	5.00	1.79	5	290	8.7	0.22	6.4 4.3 D1	
711228	20	6	52.87	38-41.91	122-25.66	8.09	2.23	8	257	25.2	0.30	6.9 18.2 D1
720117	1119	56.77	38-30.35	122-42.97	5.98	1.20	7	103	5.0	0.09	1.4 4.6 B1	
720126	656	4.23	38-35.63	122-13.99	10.31	1.72	6	239	25.4	0.11	2.6 1.9 D1	
720127	1532	24.76	38-43.92	122-47.27	2.96	1.70	7	299	20.9	0.14	7.4 0.8 D1	
720318	702	55.89	38-47.62	122-43.57	0.40	2.15	9	313	27.0	0.15	11.6 11.0 41	
720428	6	2	43.62	38-46.73	122-45.10	0.84	2.95	12	286	15.8	0.30	9.3 26.2 D1
720510	1949	36.28	38-30.36	122-43.25	4.98	2.65	9	108	5.0	0.11	1.5 6.0 C1	
720511	2024	48.08	38-32.74	122-45.74	3.00	1.52	7	213	3.5	0.08	1.1 0.6 C1	
720512	18	4	59.10	38-30.34	122-43.16	3.64	2.52	9	107	5.0	0.09	0.8 7.5 C1
720513	1442	28.04	38-33.46	122-45.87	4.48	2.76	10	238	3.7	0.11	1.4 0.9 C1	
720523	1245	22.08	38-34.56	122-23.75	13.04	1.64	8	250	19.5	0.05	1.2 0.6 C1	
720527	1451	20.42	38-33.70	122-46.01	3.68	1.41	7	246	4.0	0.05	1.5 3.4 C1	
720612	910	16.13	38-42.71	122-22.01	12.31	1.46	5	307	29.9	0.02	2.5 0.7 D1	
720617	1552	30.24	38-43.02	122-44.07	4.45	3.01	9	275	18.5	0.10	2.8 2.4 D1	
720623	2054	25.24	38-46.02	122-39.21	5.39	2.36	9	293	24.8	0.32	10.4 47.3 D1	
720624	1239	51.01	38-30.62	122-15.53	9.48	1.20	7	206	20.7	0.12	1.6 6.5 D1	
720624	18	3	13.62	38-31.85	122-15.05	11.74	1.99	7	220	21.5	0.12	1.9 1.6 C1
720627	1617	19.11	38-50.09	122-26.34	9.89	2.27	9	282	37.9	0.15	5.1 1.7 D1	
720629	23	0	25.54	38-31.43	122-15.00	9.96	1.60	7	217	20.9	0.16	2.6 10.9 D1
720709	742	9.52	38-50.24	122-23.83	10.04	1.68	10	286	39.7	0.21	4.0 2.0 D1	
720709	750	27.09	38-50.14	122-25.05	9.79	1.79	10	286	38.7	0.30	2.6 2.3 D1	
720804	1140	50.25	38-31.80	122-44.83	5.16	2.82	16	167	3.1	0.20	1.2 1.1 C1	
720810	10	8	30.82	38-33.66	122-16.71	12.81	1.66	7	222	25.5	0.21	3.4 13.2 D1
720819	119	46.18	38-50.77	122-41.63	4.20	3.17	11	290	32.9	0.24	9.3 4.9 D1	
721029	1338	37.33	38-32.72	122-17.33	12.00	1.72	8	215	24.6	0.14	1.6 1.9 C1	

DATE	HRMN	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N	GAP	DMIN	RMS	ERH	ERZ	OM
721115	2032	38.9A	38-31.52	122-43.61	8.3A	1.34	9	126	2.8	0.12	1.7	3.0	BI
721121	1223	2.95	38-34.45	122-43.83	2.02	1.73	7	253	2.7	0.04	0.8	0.2	C1
721126	1920	35.6A	38-30.23	122-43.20	7.26	2.78	13	107	5.2	0.17	1.1	1.8	BI
721204	712	7.11	38-45.22	122-25.53	11.36	1.81	12	269	30.4	0.22	2.3	1.4	C1
730111	543	34.1A	38-30.48	122-43.69	4.05	1.54	7	118	4.7	0.05	1.4	9.5	CI
730114	1736	55.29	38-45.72	122-45.37	10.65	2.37	7	300	14.7	0.13	10.6	3.4	DI
730120	2238	41.29	38-32.77	122-22.84	11.21	1.50	8	207	20.0	0.16	1.7	3.8	CI
730126	044	16.9A	38-30.67	122-43.46	5.82	1.9A	8	115	4.4	0.09	1.5	4.3	BI
730129	1445	3.5A	38-30.98	122-43.64	6.64	1.68	10	121	3.8	0.10	1.4	3.0	BI
730212	1641	51.75	38-30.87	122-25.46	11.95	1.93	10	191	16.0	0.18	1.5	3.7	CI
730212	1940	7.44	38-30.81	122-25.84	8.48	1.72	9	190	15.4	0.10	0.9	2.7	CI
730221	652	30.36	38-30.23	122-42.34	8.11	1.74	8	136	5.4	0.12	1.5	3.3	CI
730307	313	29.6A	38-37.38	122-17.14	5.26	2.55	11	196	30.3	0.18	1.9	4.5	CI
730308	223	42.92	38-33.84	122-22.84	11.66	1.51	8	183	20.4	0.18	1.8	7.4	DI
730330	437	28.5A	38-35.00	122-47.33	3.13	2.50	9	203	6.8	0.14	1.5	1.0	CI
730406	215	3.41	38-43.03	122-52.49	3.18	2.00	9	282	21.6	0.16	5.0	1.1	DI
730425	1324	15.81	38-39.63	122-41.45	0.02	1.63	11	220	5.1	0.15	1.4	0.4	CI
730509	057	54.00	38-42.71	122-47.46	7.38	2.96	10	276	18.9	0.20	6.1	5.5	DI
730514	2110	42.33	38-31.97	122-44.63	5.02	1.35	6	167	2.7	0.05	1.4	2.5	CI
730516	1542	12.36	28-39.07	122-42.21	3.17	1.95	8	283	11.3	0.17	3.3	0.5	DI
730622	850	56.25	38-31.04	122-43.84	3.81	1.24	7	127	3.8	0.04	1.4	7.4	CI
730708	2247	31.63	38-39.83	122-50.60	5.44	1.79	10	258	16.4	0.14	1.5	6.7	DI
730710	2233	23.48	38-48.66	122-46.57	6.85	1.96	8	314	19.9	0.26	23.1	6.4	DI
730715	344	22.83	38-42.85	122-44.37	0.12	2.32	7	274	10.4	0.16	3.2	1.0	DI
730720	1622	18.62	38-34.38	122-13.43	12.15	1.49	7	214	23.1	0.12	1.8	2.1	CI
730A25	457	35.46	38-34.98	122-40.64	2.00	1.91	7	149	5.4	0.07	0.7	0.6	BI
730829	739	7.03	38-32.63	122-39.38	5.33	1.49	8	114	5.0	0.05	0.3	0.7	BI
730902	07	22.93	38-41.24	122-24.58	4.28	1.68	7	230	19.6	0.09	1.9	14.3	DI
730902	735	49.50	38-41.82	122-44.84	3.49	2.17	7	279	11.9	0.13	10.4	3.1	DI
730905	147	44.95	30-33.04	122-29.88	7.19	1.18	8	213	10.1	0.07	0.8	1.7	CI
730908	841	6.82	38-40.93	122-19.80	6.02	2.05	8	280	30.1	0.09	4.3	12.3	DI
730917	2	55.61	38-32.43	122-16.34	5.37	4.21	16	216	23.6	0.18	1.3	1.1	CI
730917	311	32.64	36-31.89	122-15.77	14.31	1.42	7	219	22.4	0.18	2.2	2.0	CI
730917	320	15.5A	38-31.94	122-15.59	16.76	1.88	6	214	22.2	0.14	2.7	8.7	DI
730917	332	32.46	38-31.78	122-15.25	13.95	2.27	6	219	21.6	0.16	2.9	3.6	DI
730917	455	0.26	38-32.97	122-15.64	6.79	2.43	8	221	23.5	0.20	2.2	11.8	DI
730919	1650	44.74	38-32.74	122-15.46	13.93	1.59	7	197	23.2	0.21	3.0	2.2	DI
730919	18	3	40.27	38-31.68	19.64	2.18	7	191	21.8	0.20	3.0	8.1	DI
73092A	1345	0.15	38-31.22	122-16.07	18.08	1.62	7	209	22.0	0.06	0.8	3.0	CI
730929	257	13.70	38-41.44	122-23.20	12.76	2.02	12	208	27.0	0.20	1.8	1.1	CI
730929	1732	36.54	38-42.28	122-23.27	8.76	2.87	14	210	28.0	0.23	1.9	3.5	CI
731009	20	7	43.70	38-30.05	2.70	2.44	11	109	5.5	0.06	0.4	0.4	BI
731024	142	43.42	38-31.27	122-16.08	13.93	1.53	9	187	22.1	0.18	1.7	1.2	CI
731024	143	16.83	38-30.29	122-15.71	14.07	1.32	9	182	20.6	0.18	1.7	1.4	CI
731024	2049	22.05	38-31.27	122-15.92	8.54	2.10	11	182	21.9	0.18	1.4	2.7	CI

DATE	HRMN	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N	GAP	DMIN	RMS	ERH	ERZ	OM
731027	8 0	1.17	38-47.46	122-48.91	0.17	1.34	6	208	10.3	0.10	1.4	0.4	C1
731104	642	25.39	38-49.27	122-51.20	3.10	1.20	8	215	8.5	0.22	3.8	0.9	D1
731111	9 3	34.96	38-42.15	122-50.59	0.64	1.24	7	143	7.7	0.03	0.6	0.7	B1
731112	530	32.41	38-32.48	122-16.14	11.66	2.00	9	188	23.4	0.21	1.8	1.6	C1
731122	922	42.19	38-32.70	122-25.77	12.09	1.52	9	204	15.8	0.11	1.3	3.0	C1
731122	1844	8.27	38-51.23	122-24.11	4.69	1.97	10	266	34.5	0.13	2.2	20.9	D1
731124	538	13.22	38-48.85	122-25.54	4.72	1.73	8	256	30.8	0.18	2.8	37.4	D1
731128	1643	35.77	38-51.62	122-46.80	3.45	3.14	10	238	14.4	0.20	2.3	0.7	C1
731129	21 5	40.05	38-47.31	122-50.55	6.37	2.03	7	175	11.1	0.09	2.0	1.4	C1
731129	2116	55.75	38-48.66	122-48.73	5.80	2.23	10	195	12.2	0.28	4.6	4.5	D1
731202	544	30.88	38-49.21	122-48.66	5.27	2.59	15	130	12.1	0.35	3.5	2.8	C1
731206	1554	47.80	38-33.47	122-45.32	5.84	0.68	6	134	2.9	0.02	0.2	0.3	B1
731209	2037	4.53	38-45.77	122-20.40	5.51	2.69	18	119	27.5	0.25	2.3	1.7	C1
731210	1016	15.73	38-31.40	122-16.73	8.50	1.56	14	181	23.0	0.14	0.8	4.6	C1
731221	1754	34.81	38-30.86	122-43.75	5.08	1.13	6	109	4.1	0.02	0.2	0.4	B1
740101	612	13.40	38-45.15	122-43.52	1.82	1.81	8	200	5.3	0.18	2.9	1.9	D1
740110	2312	41.65	38-44.90	122-45.74	1.48	1.66	8	310	4.2	0.21	18.5	3.9	D1
740125	1124	25.74	38-30.70	122-25.26	12.59	1.20	8	156	16.1	0.16	1.5	4.4	C1
740219	341	23.55	38-31.20	122-44.20	4.96	1.39	8	114	3.6	0.03	0.2	0.4	B1
740219	343	27.44	38-31.41	122-43.94	5.50	1.44	7	113	3.1	0.04	0.3	0.7	B1
740219	2216	24.73	38-33.75	122-45.34	-15.57	1.66	9	110	3.2	0.60	5.0	6.2	C1
740225	8 8	27.83	38-47.08	122-49.79	6.80	1.59	7	177	10.5	0.26	6.3	3.5	D1
740226	633	4.48	38-47.26	122-26.83	7.92	1.64	10	222	28.1	0.28	3.8	22.6	D1
740226	2154	22.74	38-47.77	122-48.57	0.14	2.06	8	212	10.6	0.14	3.0	0.7	D1
740301	457	33.30	38-49.49	122-26.99	5.49	1.91	7	248	29.4	0.19	6.1	33.6	D1
740301	13 1	33.44	38-48.03	122-48.85	5.38	1.93	8	203	11.2	0.24	6.9	6.0	D1
740302	8 3	36.83	38-47.47	122-48.82	0.01	1.57	5	208	10.3	0.08	3.0	0.6	D1
740321	2116	1.64	38-48.03	122-45.58	8.45	3.20	11	289	27.9	0.18	9.2	2.9	D1
740324	1959	26.01	38-35.23	122-23.45	9.63	1.88	6	222	20.3	0.05	0.9	3.1	C1
740329	5 6	25.32	38-30.70	122-43.37	5.23	1.76	11	113	4.3	0.15	0.8	1.6	B1
740408	712	54.58	38-42.27	122-44.28	1.83	2.53	12	273	17.2	0.22	5.0	270.3	D1
740423	10 4	46.22	38-30.26	122-16.86	10.31	0.85	6	204	21.7	0.15	2.4	11.8	D1
740427	1745	0.05	38-32.36	122-22.87	11.42	1.51	8	204	19.8	0.17	1.8	6.0	D1
740502	853	39.35	38-49.22	122-47.93	6.04	1.54	8	202	12.7	0.26	5.9	5.1	D1
740507	841	43.01	38-31.32	122-42.72	8.53	1.26	8	102	3.3	0.07	0.5	0.9	B1
740507	2328	59.58	38-33.56	122-46.31	3.02	1.58	9	113	4.4	0.09	0.8	0.8	B1
740512	514	58.15	38-33.13	122-44.66	6.60	1.73	10	127	1.9	0.09	0.7	0.8	B1
740513	2216	5.77	38-32.72	122-44.75	4.70	1.81	12	101	2.1	0.14	0.7	0.7	B1
740610	15 1	36.70	38-30.55	122-43.40	5.85	2.74	13	105	4.6	0.14	0.7	1.8	B1
740701	357	24.35	38-13.39	122-36.86	3.21	1.17	7	178	4.1	0.16	3.4	3.4	C1
740717	2131	23.45	38-52.72	122-45.21	3.03	2.08	8	211	4.0	0.19	2.8	1.3	D1
740718	732	11.72	38-58.59	122-40.41	10.42	2.04	7	242	12.6	0.22	5.5	4.8	D1
740814	2039	15.35	38-47.70	122-46.48	0.53	1.57	12	110	9.5	0.33	1.6	1.5	C1
740816	748	27.12	38-47.91	122-48.32	0.57	1.34	6	129	10.7	0.22	1.6	1.8	C1
740912	127	31.95	38-46.90	122-47.63	7.96	3.34	13	125	8.6	0.43	2.8	4.1	C1

DATE	HRMN	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N	GAP	DMIN	RMS	ERH	ERZ	QM	
740912	711	5.26	38-51.28	122-45.95	0.12	2.02	7	200	15.6	0.31	9.5	14.4	D1	
740913	1718	8.49	38-32.32	122-44.64	7.25	2.22	14	123	2.3	0.45	2.2	3.8	C1	
740914	646	37.64	38-47.62	122-49.42	0.54	1.22	6	138	11.0	0.20	1.6	1.7	C1	
740917	1919	31.79	38-36.84	122-22.48	3.36	1.35	10	152	22.8	0.53	5.5	4.2	D1	
740919	1548	52.26	38-40.65	122-59.63	0.92	1.91	10	250	26.2	0.11	1.81	46.8	D1	
740926	1332	54.10	38-30.04	122-43.20	6.31	1.43	10	101	5.5	0.08	0.5	1.2	B1	
740927	535	21.26	38-35.32	122-44.07	1.44	1.63	8	105	4.4	0.05	0.4	0.3	B1	
740929	1056	1.15	38-48.79	122-46.72	9.44	1.58	9	120	8.4	0.59	4.7	7.0	C1	
741007	16	0	36.90	38-33.20	122-20.71	5.00	1.70	10	130	22.8	0.09	0.6	0.7	B1
741008	1512	2.76	38-47.48	122-48.88	0.39	1.10	4	149	10.3	0.00			C1	
741012	524	51.02	38-41.68	122-49.21	8.17	1.23	6	272	6.0	0.10	11.7	12.3	D1	
741015	217	20.89	38-30.73	122-41.26	6.49	1.13	10	74	5.2	0.07	0.5	0.9	A1	
741022	2	0	5.46	38-52.14	122-44.67	5.00	1.19	5	207	17.6	0.30	9.11	10.8	D1
741022	2238	25.56	38-48.03	122-39.29	6.04	1.94	5	299	13.2	0.75	17.2	7.2	D1	
741024	2310	7.68	38-42.75	122-45.39	5.00	2.22	10	293	0.2	5.93	47.5	22.8	D1	
741108	031	59.68	38-46.26	122-17.87	8.24	2.25	8	213	28.3	0.02	0.2	1.7	C1	
741109	12	7	30.38	38-51.54	122-38.59	2.89	1.57	7	260	19.1	1.15	29.4	8.2	D1
741109	1257	13.60	38-46.66	122-41.04	0.03	1.54	6	242	9.7	0.50	4.6	2.2	D1	
741120	041	57.93	38-53.96	122-41.08	7.12	1.76	10	253	4.2	0.31	6.4	2.7	D1	
741122	1850	6.75	38-42.58	122-45.39	11.14	1.76	11	111	0.2	0.34	2.5	2.1	C1	
741127	1221	17.21	38-40.33	122-47.93	5.22	1.27	7	129	5.7	0.12	1.1	0.6	B1	
741202	1021	13.66	38-47.25	122-48.04	10.26	1.40	5	143	9.4	0.07	1.2	2.9	C1	
741204	225	0.25	38-48.66	122-49.40	10.63	1.78	7	128	11.3	0.34	3.4	5.1	C1	
741205	1427	20.41	38-49.36	122-48.55	13.02	1.71	7	137	9.9	0.31	3.5	4.6	C1	
741206	2315	46.63	38-40.57	122-47.85	4.36	1.68	7	171	5.3	0.16	1.7	6.2	C1	
741208	8	9	33.57	38-40.82	122-47.09	9.29	2.85	17	123	4.3	0.23	1.1	1.5	B1
741214	128	36.95	38-48.22	122-48.32	0.80	1.45	6	126	10.8	0.19	1.3	1.6	C1	
741215	425	52.00	38-48.23	122-48.83	0.10	1.19	6	129	11.4	0.15	1.0	1.3	B1	
741224	2321	41.83	38-48.37	122-48.49	5.81	2.71	13	121	10.9	0.25	1.4	3.9	B1	
750105	958	12.04	38-48.46	122-46.09	0.21	1.05	6	112	8.3	0.17	1.5	1.4	B1	
750106	1148	28.65	38-48.38	122-45.06	8.57	2.18	14	103	7.6	0.39	2.3	3.7	C1	
750115	1730	29.94	38-47.96	122-48.15	6.64	1.05	5	127	10.7	0.01	0.1	0.8	C1	
750117	923	30.64	38-48.41	122-48.59	5.85	2.03	13	122	10.9	0.30	1.6	3.8	B1	
750130	17	6	29.53	38-47.79	122-48.50	0.72	1.59	8	112	10.6	0.18	1.1	1.1	C1
750204	1724	59.32	38-47.81	122-48.22	0.09	1.35	7	112	10.4	0.21	1.1	1.4	C1	
750207	558	33.99	38-48.16	122-48.32	0.37	1.05	7	117	10.9	0.17	1.0	1.2	C1	
750208	5	1	20.19	38-51.47	122-21.36	4.56	1.39	8	240	31.9	0.15	3.0	1.6	D1
750210	22	0	28.30	38-49.67	122-20.92	4.40	1.81	12	203	30.3	0.30	2.4	2.0	C1
750210	2214	9.70	38-51.17	122-21.41	5.00	1.59	11	211	30.7	0.21	2.0	1.9	C1	
750213	1657	41.39	38-48.50	122-47.79	5.00	1.85	12	121	9.9	0.34	1.7	3.0	C1	
750215	1729	54.08	38-49.14	122-47.97	8.60	1.71	10	132	9.4	0.47	3.2	4.4	C1	
750221	211	32.39	38-50.66	122-21.30	5.00	1.73	15	204	30.9	0.28	2.1	1.8	C1	
750301	1142	25.87	38-48.49	122-46.03	4.83	1.95	17	112	8.2	0.31	1.3	2.8	C1	
750301	1352	28.73	38-48.18	122-48.71	0.01	1.49	11	118	11.3	0.16	0.8	0.8	C1	
750303	447	49.17	38-48.15	122-48.21	0.08	1.19	8	117	10.8	0.19	0.9	1.2	C1	

DATE	HRMM	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N	GAP	DMIN	RMS	ERH	ERZ	CM	
750303	448	1.56	38-48.16	122-48.24	0.04	1.32	6	117	10.8	0.21	1.6	1.8	C1	
750303	2157	59.80	38-55.58	122-22.97	5.48	1.59	10	257	35.8	0.10	2.0	16.0	D1	
750308	833	56.03	38-54.16	122-43.48	5.71	2.32	15	220	4.2	0.22	2.9	1.9	D1	
750309	1331	13.50	38-47.07	122-58.63	1.83	1.11	8	183	7.5	0.17	3.5	2.1	D1	
750311	348	21.32	38-54.35	122-21.96	5.67	1.39	8	252	35.0	0.10	2.4	16.0	D1	
750312	1712	7.26	38-39.67	122-48.38	2.10	0.68	8	79	7.1	0.14	1.0	0.8	B1	
750314	012	55.79	38-38.63	122-48.73	0.86	0.63	5	145	9.0	0.00	0.0	0.0	C1	
750314	19	59.68	38-47.78	122-48.09	0.54	1.11	7	111	10.3	0.18	1.0	1.2	C1	
750315	1156	22.76	38-48.02	122-48.66	0.12	1.23	8	116	11.1	0.12	0.4	0.5	B1	
750314	437	37.53	38-48.41	122-48.01	3.59	1.12	7	120	10.3	0.25	1.4	36.2	C1	
750319	041	32.22	38-38.73	122-46.33	2.74	1.12	9	65	7.4	0.16	0.8	0.7	B1	
750319	517	1.21	38-38.60	122-46.39	2.18	1.11	9	64	7.7	0.15	0.9	1.0	B1	
750319	522	56.43	38-38.43	122-46.88	1.27	1.11	8	90	8.1	0.05	0.3	0.2	B1	
750320	3	50.44	38-47.92	122-48.00	1.02	1.22	8	113	10.5	0.20	1.3	1.4	C1	
750320	418	32.00	38-38.49	122-46.54	2.05	0.99	8	88	7.9	0.14	0.9	1.1	B1	
750320	625	15.35	38-44.45	122-27.19	9.67	1.39	12	216	17.6	0.16	1.6	4.6	C1	
750321	625	8.22	38-41.63	122-47.27	3.49	1.44	13	58	3.4	0.19	0.8	0.6	B1	
750321	2342	30.91	38-47.85	122-48.33	0.09	1.21	7	113	10.6	0.13	0.7	0.9	B1	
750323	2321	0.44	38-47.50	122-46.47	0.95	1.25	7	104	9.1	0.19	1.4	1.4	B1	
750329	2342	52.12	38-47.56	122-48.31	0.06	1.13	6	109	10.1	0.08	0.3	0.5	B1	
750331	436	2.16	38-30.88	122-42.92	8.27	1.04	9	98	4.0	0.03	0.2	0.4	B1	
750402	2	27.61	38-47.66	122-48.46	0.11	1.08	7	110	10.3	0.16	0.9	1.2	C1	
750402	253	18.44	38-30.52	122-24.08	5.00	2.16	26	97	16.3	0.28	1.4	1.5	C1	
750402	819	2.36	38-37.48	122-48.59	5.00	2.00	18	52	9.5	0.24	0.8	2.6	B1	
750407	17	0	13.22	38-31.54	122-43.94	5.51	0.96	9	101	2.9	0.08	0.5	0.9	B1
750410	156	5.15	38-30.21	122-35.47	6.12	1.36	15	138	2.3	0.12	0.6	0.9	B1	
750419	048	14.36	38-47.94	122-48.71	7.47	0.91	6	83	4.7	0.03	0.3	0.9	A1	
750419	1215	56.32	38-48.83	122-47.11	0.28	2.25	10	107	7.5	0.71	2.3	2.6	C1	
750419	1215	58.06	38-47.98	122-46.51	4.22	2.84	19	125	7.1	0.39	1.5	5.4	C1	
750420	1059	35.65	38-47.88	122-48.61	0.26	0.60	7	101	4.7	0.19	1.0	1.4	B1	
750421	1958	14.36	38-48.08	122-48.95	6.15	0.92	10	81	4.8	0.18	1.1	2.7	B1	
750424	2259	10.20	38-48.04	122-48.47	0.01	2.49	19	119	5.1	0.22	0.7	0.7	B1	
750428	1021	8.74	38-46.56	122-48.77	3.43	1.11	10	85	3.0	0.47	2.6	1.8	B1	
750501	1925	5.20	38-48.25	122-48.76	3.43	1.28	11	82	5.2	0.14	0.6	0.8	B1	
750503	2129	42.22	38-46.73	122-48.89	6.96	0.60	7	84	3.0	0.03	0.3	0.5	A1	
750504	7	1	49.85	38-46.07	122-47.43	2.08	0.97	9	117	4.7	0.14	0.7	0.5	B1
750505	1652	14.09	38-45.87	122-30.89	5.00	1.54	12	243	14.7	0.12	1.7	9.1	D1	
750505	2251	3.80	38-48.19	122-48.23	5.75	1.08	8	86	5.5	0.14	1.0	3.3	B1	
750507	2018	12.55	38-35.44	122-48.39	5.42	2.24	22	51	8.6	0.26	0.7	2.6	B1	
750510	1648	17.89	38-48.48	122-47.92	3.77	2.05	17	75	6.2	0.24	0.9	9.4	C1	
750510	1649	59.72	38-48.08	122-47.65	4.79	0.80	7	91	6.0	0.13	0.9	4.4	B1	
750510	1829	21.55	38-48.10	122-47.89	4.51	0.91	9	89	5.7	0.19	1.1	6.0	C1	
750516	1943	31.89	38-40.20	122-49.09	1.27	1.34	15	74	7.1	0.13	0.4	0.4	B1	
750520	1557	43.01	38-48.40	122-48.50	5.20	0.97	8	83	5.6	0.24	1.5	6.4	C1	
750522	18	4	17.19	38-46.96	122-48.43	3.88	0.86	10	88	3.8	0.15	0.8	3.1	A1

DATE	HRMN	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N	GAP	DMIN	RMS	ERN	ERZ	OM	
750526	017	41.42	38-49.78	122-25.20	9.77	1.67	14	210	25.5	0.18	1.8	2.2	C1	
750526	029	18.01	38-50.27	122-24.39	5.71	1.85	18	213	26.5	0.21	1.7	13.7	D1	
750526	432	16.56	38-47.66	122-48.61	0.99	1.23	12	85	4.4	0.16	0.5	0.6	A1	
750527	1711	23.14	38-47.71	122-47.82	3.30	1.92	22	91	5.3	0.21	0.6	0.6	H1	
750529	1411	35.91	38-47.50	122-48.31	4.52	1.00	8	128	4.5	0.20	1.8	4.0	B1	
750530	056	51.18	38-47.36	122-45.80	2.14	0.97	9	111	7.5	0.09	0.4	0.4	B1	
750531	1641	18.89	38-48.19	122-48.26	3.47	0.72	9	85	5.5	0.13	0.7167	9	C1	
750501	324	30.01	38-48.38	122-48.67	3.23	0.89	10	82	5.4	0.15	0.8	0.7	A1	
750501	815	16.27	38-47.22	122-48.12	3.83	1.14	13	89	4.4	0.17	0.7	4.9	B1	
750501	1254	56.14	38-47.92	122-47.04	4.94	0.85	8	97	6.4	0.09	0.6	3.6	B1	
750501	1453	41.59	38-48.09	122-46.88	1.65	0.82	7	127	6.8	0.12	0.8	0.8	B1	
750501	15	2	15.15	38-47.99	122-46.95	2.78	0.76	7	126	6.6	0.10	0.9	0.8	B1
750502	19	1	12.44	38-48.95	122-48.28	3.02	1.06	13	82	6.6	0.19	0.8	0.8	B1
750503	1447	48.53	38-37.78	122-41.70	5.99	2.54	31	64	7.0	0.12	0.3	0.8	B1	
750504	946	1.70	38-47.08	122-48.36	3.77	1.18	11	93	4.0	0.12	0.6	3.4	B1	
750505	2123	53.52	38-48.03	122-47.55	2.93	1.04	9	118	6.0	0.14	0.9	0.7	B1	
750507	1952	37.83	38-47.80	122-45.88	1.88	1.37	13	110	7.8	0.16	0.6	0.5	B1	
750509	048	46.39	38-48.33	122-47.79	3.44	1.11	11	89	6.2	0.17	0.8	12.2	C1	
750509	1047	23.22	38-48.73	122-48.30	4.43	1.18	12	83	6.3	0.16	0.7	4.9	B1	
750510	1551	49.35	38-55.79	122-39.95	7.67	1.75	13	196	8.0	0.22	1.8	2.7	C1	
750510	1638	53.58	38-42.94	122-30.47	5.10	1.20	8	248	12.1	0.07	1.2	4.4	C1	
750511	550	36.12	38-55.72	122-39.36	9.62	1.35	8	208	8.3	0.11	2.4	2.2	C1	
750511	1047	19.25	38-47.19	122-48.68	3.49	0.64	8	105	3.8	0.13	0.8188	8	C1	
750512	2326	39.21	38-49.17	122-48.45	2.24	1.10	11	82	6.9	0.21	0.9	0.7	B1	
750514	128	17.35	39-32.69	122-46.09	2.48	1.37	19	70	4.0	0.18	0.6	0.5	B1	
750514	735	3.43	38-47.92	122-47.13	1.35	1.49	15	96	6.3	0.17	0.6	0.5	B1	
750515	627	38.35	38-48.54	122-47.74	3.71	1.35	14	88	6.5	0.16	0.6	13.7	C1	
750515	7	2	33.28	38-47.68	122-28.80	14.68	1.45	11	178	19.2	1.9	0.9	C1	
750518	645	6.43	38-52.62	122-49.25	2.59	1.12	10	106	4.4	0.29	1.6	1.4	B1	
750518	20	0	54.46	38-47.83	122-48.17	2.72	2.22	24	77	5.1	0.18	0.5	0.6	B1
750521	19	5	55.63	38-47.84	122-47.91	1.49	1.47	15	76	5.4	0.25	0.8	0.7	B1
750523	2057	5.18	38-48.31	122-47.77	1.50	1.19	10	89	4.6	0.15	0.6	0.6	A1	
750524	051	21.17	38-46.13	122-54.97	1.81	1.10	14	65	6.3	0.12	0.4	0.3	B1	
750524	1	4	3.42	38-48.24	122-49.70	1.39	0.76	7	92	2.6	0.20	1.0	1.6	B1
750524	1	4	24.40	38-48.35	122-49.41	0.91	1.35	13	77	2.6	0.16	0.5	0.6	B1
750524	1152	20.93	38-48.93	122-48.18	2.19	1.19	13	88	3.6	0.16	0.6	0.4	B1	
750525	826	14.30	38-48.34	122-48.17	3.48	1.24	14	86	4.0	0.16	0.5	0.7	A1	
750525	857	17.08	38-51.26	122-59.08	3.09	1.88	15	86	3.5	0.10	0.4	0.3	A1	
750525	2357	7.72	38-48.10	122-46.42	1.70	0.64	6	172	6.5	0.16	1.2	1.4	C1	
750526	034	25.29	38-48.26	122-47.59	2.15	0.74	9	154	4.8	0.20	1.2	0.8	C1	
750526	1218	25.52	38-36.72	122-55.13	0.07	1.15	13	97	13.0	0.08	0.3	0.5	A1	
750526	2250	50.20	38-56.41	122-41.19	2.16	1.37	11	83	3.8	0.20	0.8	0.6	A1	
750527	414	43.80	38-48.36	122-47.45	2.95	0.91	12	67	4.9	0.14	0.6	0.5	A1	
750527	1158	45.42	38-48.01	122-43.68	3.47	1.19	11	68	3.8	0.13	0.6	0.4	A1	
750528	13	6	46.34	38-44.20	10.15	2.78	15	172	23.3	0.12	0.7	4.1	C1	

DATE	HRMN	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N GAP	DMIN	RMS	ERH	ERZ	OM
750629	1559	40.13	38-33.36	122-45.68	4.69	1.46	22	55	3.4	0.14	0.4	1.4 A1
750701	240	52.00	38-48.81	122-47.91	1.99	1.69	20	64	4.0	0.12	0.3	0.3 A1
750701	930	26.62	38-40.55	122-48.74	5.40	1.75	25	42	6.3	0.19	0.5	2.0 R1
750701	1444	53.50	38-40.71	122-48.90	5.64	1.11	12	69	6.3	0.12	0.5	1.7 R1
750704	531	10.70	38-49.02	122-47.72	7.02	1.90	22	53	4.2	0.15	0.4	0.4 A1
750705	329	51.51	38-48.38	122-48.85	1.22	1.12	9	68	3.2	.13	.6	.5 I1
750705	928	48.34	38-48.08	122-49.53	1.69	.85	9	63	3.0	.09	.4	.3 A1
750706	23	8	5.40	38-47.94	.08	1.08	11	69	3.4	.13	.5	.5 A1
750707	1	0	2.91	38-46.69	3.72	1.61	19	53	6.1	0.16	0.5	0.9 R1
750708	152	51.56	38-49.28	122-47.84	1.01	1.10	13	82	4.0	0.05	0.2	0.2 A1
750708	1157	10.19	38-48.39	122-48.51	2.82	0.99	12	62	3.6	0.15	0.7	0.6 A1
750709	1535	40.40	38-48.29	122-46.16	1.93	1.78	22	52	6.7	0.11	0.3	0.3 R1
750710	3	5	21.97	38-48.32	0.99	1.64	15	63	5.0	0.11	0.3	0.3 R1
750710	21	8	44.35	38-48.54	1.11	1.32	6	77	3.6	0.01	0.1	0.1 A1
750712	840	42.14	38-48.26	122-47.63	2.38	1.07	16	47	4.8	0.10	0.3	0.2 A1
750716	2	2	12.02	38-48.52	1.46	0.82	9	66	2.8	0.08	0.4	0.3 A1
750717	17	2	7.93	38-47.99	2.47	2.00	28	45	4.1	0.15	0.4	0.4 R1
750717	2330	26.05	38-47.62	122-48.48	2.60	0.96	14	54	4.5	0.10	0.4	0.3 A1
750718	2235	52.90	38-48.31	122-48.55	1.05	0.99	11	64	3.6	0.11	0.4	0.4 A1
750720	1916	27.11	38-48.57	122-47.58	1.93	1.04	11	71	4.6	0.07	0.3	0.2 A1
750721	2012	8.58	38-48.35	122-47.59	0.65	1.41	19	47	4.8	0.14	0.4	0.4 A1
750722	1618	46.86	38-47.70	122-46.14	1.23	1.52	20	52	7.2	0.15	0.4	0.4 R1
750723	21	5	12.25	38-48.24	3.89	1.58	20	54	7.1	0.20	0.6	1.1 R1
750723	21	9	21.82	38-47.89	1.29	1.05	12	61	7.1	0.09	0.3	0.3 R1
750724	830	2.57	38-48.50	122-47.02	3.81	2.26	26	49	5.4	0.18	0.5	0.9 R1
750724	833	27.27	38-48.22	122-47.50	1.03	1.19	16	63	5.0	0.08	0.2	0.2 R1
750724	834	43.13	38-48.24	122-47.56	1.23	1.07	15	47	4.9	0.10	0.3	0.3 A1
750724	948	35.84	38-48.87	122-47.18	1.95	1.19	8	76	5.0	0.29	1.5	1.5 R1
750725	336	19.95	38-48.94	122-47.88	1.46	1.45	17	46	4.0	0.10	0.3	0.2 A1
750726	423	11.07	38-48.50	122-47.95	1.01	1.22	15	46	4.2	0.09	0.3	0.3 A1
750729	0	3	10.78	38-48.27	0.94	1.29	13	65	3.2	0.10	0.4	0.3 A1
750730	1413	27.87	38-48.85	122-47.59	1.95	0.99	10	83	4.5	0.07	0.3	0.2 A1
750731	9	5	8.27	38-48.00	1.21	1.10	14	66	3.2	0.11	0.3	0.3 A1
750731	10	5	7.31	38-53.01	3.75	1.84	22	58	4.6	0.16	0.5	0.6 R1
750807	1640	10.67	38-48.33	122-47.55	2.20	1.23	11	68	4.8	0.07	0.3	0.2 A1
750807	1736	59.58	38-47.64	122-48.16	2.26	1.59	18	72	4.8	0.11	0.4	0.3 A1
750808	1727	34.09	38-45.11	122-25.38	1.96	1.56	20	134	6.3	0.11	0.5	0.5 R1
750809	7	0	48.60	38-49.01	1.28	1.07	12	67	4.1	0.10	0.3	0.3 A1
750809	1047	48.07	38-48.77	122-48.10	1.61	0.97	10	75	3.8	0.09	0.4	0.3 A1
750809	1237	48.11	38-47.67	122-48.05	2.22	0.96	10	73	4.9	0.06	0.3	0.2 A1
750810	1131	2.06	38-56.72	122-40.41	3.35	1.31	12	85	0.8	0.10	0.5	0.3 A1
750812	638	42.52	38-47.77	122-46.35	1.87	1.42	17	59	6.9	0.07	0.2	0.2 R1
750812	719	0.62	38-47.85	122-46.34	1.74	0.90	13	69	6.8	0.06	0.2	0.2 R1
750812	719	59.17	38-47.89	122-46.08	5.13	1.59	18	52	7.1	0.16	0.5	2.1 R1
750813	846	44.89	38-48.64	122-47.50	1.85	0.78	8	76	4.7	0.05	0.2	0.2 A1

DATE	HWMN	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N GAP	DMIN	RMS	ERH	ERZ	OM
750414	456	30.86	38-57.66	122-44.71	1.74	1.70	14	85	3.7	0.12	0.4	0.3 A1
750414	713	32.47	38-57.86	122-44.60	1.57	0.93	10	87	3.8	0.15	0.7	0.5 B1
750414	1855	53.80	38-58.03	122-44.48	1.75	0.93	9	89	4.0	0.14	0.7	0.5 A1
750414	078	71.99	38-59.72	122-56.87	1.97	1.48	17	87	7.9	0.18	0.9	1.3 B1
750417	751	32.94	38-48.45	122-48.28	3.04	0.97	8	74	3.8	0.09	0.9	0.9 A1
750417	1521	59.11	38-52.06	122-46.99	5.63	1.18	12	52	3.3	0.15	0.7	1.7 B1
750418	343	19.14	38-51.20	122-57.97	4.64	1.70	22	51	1.9	0.15	0.5	1.1 A1
750418	1356	53.68	38-47.95	122-48.03	2.53	1.28	13	69	4.7	0.08	0.3	0.2 A1
750418	2016	27.53	38-48.43	122-49.11	0.97	1.30	7	107	2.8	0.14	0.8	1.1 B1
750421	1823	6.19	38-48.52	122-48.17	2.74	1.04	11	77	3.9	0.04	0.2	0.1 A1
750421	1957	37.95	38-47.71	122-48.17	1.33	0.88	11	71	4.7	0.08	0.3	0.3 A1
750422	1117	43.11	38-51.93	122-48.60	1.93	1.04	11	57	4.5	0.12	0.5	0.4 A1
750422	2341	13.35	38-47.42	122-48.21	2.34	1.36	17	45	4.5	0.10	0.3	0.3 A1
750424	525	40.30	38-47.97	122-48.04	1.32	1.35	19	57	4.6	0.08	0.2	0.2 A1
750424	1424	27.85	38-48.91	122-47.84	1.33	2.02	25	47	4.1	0.12	0.3	0.3 A1
750425	523	6.93	38-48.15	122-47.59	1.47	0.93	8	79	4.9	0.08	0.4	0.4 A1
750426	1	6	31.30	38-46.73	5.94	1.65	20	72	6.0	0.23	0.8	2.5 B1
750427	1516	46.47	38-48.96	122-48.47	1.10	0.85	13	61	3.2	0.11	0.4	0.3 A1
750427	1516	53.45	38-48.86	122-48.37	1.19	1.04	9	86	3.4	0.10	0.4	0.4 A1
750428	920	45.50	38-52.66	122-48.31	4.65	2.90	34	42	3.3	0.18	0.4	1.1 B1
750428	926	57.16	38-51.62	122-48.55	0.84	0.99	13	55	4.9	0.16	0.6	0.5 B1
750428	929	19.65	38-52.03	122-48.48	4.03	1.46	18	41	4.3	0.21	0.7	1.0 B1
750428	913	36.54	38-51.83	122-48.62	1.53	1.17	17	40	4.7	0.20	0.6	0.5 B1
750428	943	25.53	38-51.43	122-48.30	1.17	0.96	9	102	4.9	0.14	0.7	0.6 B1
750428	1021	20.35	38-51.89	122-48.43	3.65	1.19	11	56	4.4	0.17	0.9	0.9 B1
750428	1331	54.28	38-51.59	122-48.47	0.09	1.08	11	54	4.9	0.17	0.7	0.9 B1
750429	045	16.48	38-48.42	122-47.54	1.21	1.30	15	63	4.3	0.09	0.3	0.2 A1
750429	720	35.66	38-51.87	122-48.70	1.90	1.13	12	57	4.7	0.20	0.9	0.6 B1
750429	9	24.29	38-51.45	122-48.31	0.87	1.21	11	53	4.9	0.13	0.5	0.4 A1
750429	1223	20.17	38-51.92	122-48.37	1.90	1.59	18	40	4.3	0.19	0.6	0.5 B1
750430	547	14.91	38-51.65	122-49.25	3.65	1.02	11	57	4.5	0.19	1.0	1.0 B1
750431	135	16.46	38-51.74	122-48.55	0.10	1.23	15	55	4.8	0.16	0.5	0.6 B1
750903	218	53.67	38-48.41	122-48.09	1.43	0.93	11	66	4.0	0.07	0.2	0.2 A1
750903	1915	26.62	38-48.38	122-49.09	1.53	0.94	9	86	2.9	0.07	0.3	0.3 A1
750904	127	22.74	38-48.52	122-48.72	0.84	1.50	21	42	3.2	0.11	0.3	0.3 A1
750904	533	17.99	38-49.42	122-47.97	3.43	1.14	11	74	3.9	0.06	0.3	0.2 A1
750904	23	35.93	38-48.83	122-47.74	2.46	1.51	17	52	3.6	0.11	0.3	0.2 A1
750905	247	22.12	38-48.56	122-49.24	1.00	1.84	24	40	2.5	0.14	0.3	0.3 A1
750905	634	7.32	38-48.54	122-48.72	1.56	1.08	11	64	3.2	0.07	0.3	0.2 A1
750905	814	32.73	38-48.31	122-49.34	1.44	1.01	13	52	2.8	0.09	0.3	0.2 A1
750906	1945	25.35	38-48.33	122-47.63	3.26	2.05	28	38	3.4	0.16	0.4	0.3 B1
750907	1230	51.61	38-48.45	122-47.66	1.46	1.26	12	68	3.4	0.09	0.3	0.3 A1
750909	1918	42.93	38-47.84	122-48.10	1.32	1.19	17	68	3.6	0.11	0.3	0.2 A1
750910	957	53.14	38-48.07	122-47.45	1.44	1.02	12	67	3.1	0.08	0.3	0.2 A1
750910	2359	31.51	38-48.98	122-48.22	1.47	1.00	12	89	3.5	0.07	0.2	0.2 A1

DATE	HRMS	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N	GAP	DMIN	RMS	ERH	ERZ	OM
750911	2139	7.28	38-48.38	122-48.21	2.87	1.13	13	73	4.0	0.07	0.3	0.2	A1
750912	139	27.89	38-48.11	122-49.57	1.89	1.03	12	52	2.9	0.07	0.2	0.2	A1
750912	1833	52.31	38-43.68	122-38.98	5.48	1.12	13	104	6.5	0.15	0.7	2.1	B1
750913	140	30.16	38-48.20	122-47.70	2.83	1.19	14	70	3.5	0.08	0.3	0.2	A1
750913	1313	8.13	38-48.65	122-47.95	4.04	1.37	20	40	3.9	0.15	0.5	0.7	B1
750914	540	49.06	38-48.97	122-48.27	1.15	1.16	15	79	3.4	0.08	0.2	0.2	A1
750914	1129	49.40	38-48.73	122-47.93	2.74	0.86	12	82	3.9	0.07	0.3	0.2	A1
750914	1236	6.64	38-49.07	122-47.57	4.28	2.43	33	39	3.5	0.17	0.4	1.1	B1
750914	2239	39.90	38-46.17	122-54.57	3.62	1.15	16	64	5.7	0.11	0.4	0.3	B1
750915	23	4	54.65	38-35.08	3.49	1.70	19	65	7.5	0.19	0.8	0.6	B1
750916	337	14.51	38-47.97	122-48.28	1.47	1.23	16	55	3.9	0.09	0.2	0.2	A1
750916	924	31.52	38-48.04	122-48.38	2.40	1.93	25	45	4.1	0.15	0.4	0.3	B1
750916	2333	24.54	38-48.25	122-45.75	1.97	2.42	32	40	0.7	0.17	0.4	0.3	B1
750918	612	25.63	38-47.52	122-48.39	2.86	1.47	19	48	3.3	0.17	0.5	0.3	B1
750919	523	38.24	38-48.32	122-47.72	0.01	1.35	17	48	3.5	0.08	0.2	0.3	A1
750920	056	1.13	38-47.73	122-48.36	3.10	1.12	14	69	3.6	0.07	0.2	0.2	A1
750921	454	33.91	38-56.71	122-42.36	2.64	0.94	9	78	3.2	0.10	0.6	0.4	A1
750922	1228	50.80	38-49.16	122-47.60	0.85	1.10	16	62	3.3	0.14	0.4	0.4	A1
750925	412	39.84	38-48.74	122-47.79	1.86	.90	9	82	4.2	.06	.2	.2	A1
750925	2022	24.65	38-47.38	122-48.16	3.57	0.89	12	78	2.9	0.13	0.7	0.8	A1
750926	132	28.01	38-48.25	122-48.36	1.35	0.94	11	63	3.9	0.09	0.3	0.3	A1
750928	439	13.21	38-48.86	122-48.05	2.39	1.50	19	77	3.8	0.09	0.3	0.2	A1
750928	944	56.67	38-48.25	122-49.67	1.38	1.61	22	42	2.6	0.12	0.3	0.2	A1
750929	722	43.46	38-57.40	122-45.24	4.61	1.10	12	84	3.2	0.16	0.7	1.7	B1
750929	953	44.15	38-57.42	122-45.32	4.52	1.19	13	82	3.1	0.16	0.7	1.7	B1
750929	16	5	48.26	38-48.31	2.76	1.33	18	45	3.7	0.09	0.3	0.2	A1
750929	17	8	47.01	38-57.45	3.98	2.00	22	83	3.9	0.21	0.7	1.0	B1
750929	1714	10.26	38-57.40	122-45.36	4.65	1.31	13	82	3.0	0.16	0.7	1.6	B1
750929	1943	54.42	38-57.53	122-44.82	4.01	2.34	24	84	3.7	0.17	0.6	0.8	B1
750929	20	5	49.74	38-57.32	5.56	1.04	12	86	3.0	0.13	0.6	1.2	A1
750929	21	9	1.19	38-57.33	5.76	1.20	12	85	3.1	0.13	0.6	1.2	A1
750929	2154	21.96	38-57.38	122-44.98	4.83	1.37	14	82	3.5	0.15	0.6	1.5	A1
750929	23	0	53.26	38-48.78	2.60	2.07	27	37	3.9	0.13	0.3	0.2	A1
750930	1234	23.17	38-57.51	122-44.83	4.12	1.89	19	84	3.7	0.18	0.7	2.0	B1
750930	1240	25.83	38-57.45	122-44.63	3.92	2.16	21	83	4.0	0.19	0.6	0.9	B1
750930	1241	16.47	38-57.52	122-45.02	4.54	1.81	16	83	3.4	0.14	0.6	1.4	A1
750930	1241	43.85	38-57.69	122-44.79	2.68	1.23	12	85	3.6	0.15	0.7	0.8	A1
750930	1249	46.04	38-57.44	122-45.00	4.58	1.52	14	83	3.5	0.14	0.6	1.4	A1
750930	1350	11.53	38-57.45	122-45.13	4.88	1.41	14	83	3.3	0.12	0.5	1.2	A1
750930	1355	10.75	38-57.28	122-45.57	5.64	1.55	13	86	2.9	0.13	0.6	1.1	A1
750930	14	5	24.89	38-57.34	4.25	1.59	16	82	3.3	0.17	0.6	1.7	B1
750930	1441	6.58	38-57.51	122-45.40	4.44	1.34	14	83	2.9	0.11	0.5	1.1	A1
750930	1526	17.15	38-48.06	122-46.32	3.46	1.40	18	83	1.6	0.12	0.4	0.2	A1
750930	1750	7.13	38-57.50	122-45.03	4.05	1.80	16	83	3.4	0.18	0.7	2.0	B1
751001	3	8	57.30	38-57.63	3.72	1.13	13	84	3.2	0.14	0.6	0.8	A1

DATE	HRMN	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N GAP	DMIN	RMS	ERH	ERZ OM
751001	1448	30.69	38-46.80	122-55.36	1.36	1.23 18	59	7.0	0.18	0.5	0.5 R1
751002	1452	2.32	38-50.74	122-41.86	4.75	1.45 15	75	2.6	0.15	0.6	1.2 A1
751002	1544	9.50	38-50.96	122-42.13	4.80	1.27 13	86	2.0	0.13	0.6	1.1 A1
751003	2145	9.11	38-56.27	122-45.15	2.88	2.87 23	74	4.6	0.22	0.7	0.5 B1
751003	2210	18.89	38-56.20	122-45.53	3.81	2.27 22	73	4.4	0.21	0.7	1.0 B1
751004	733	19.83	38-47.98	122-47.74	1.35	1.02 12	67	3.6	0.08	0.3	0.2 A1
751004	738	17.37	38-48.07	122-47.84	1.53	0.96 10	69	3.7	0.09	0.3	0.3 A1
751004	916	14.69	38-47.97	122-48.33	1.24	1.02 13	65	4.3	0.08	0.3	0.2 A1
751004	16 2	39.05	38-48.07	122-47.95	0.17	1.89 19	46	3.9	0.17	0.4	0.5 B1
751004	19 3	24.08	38-47.92	122-48.23	2.79	2.80 26	45	3.8	0.12	0.3	0.2 A1
751004	19 3	41.88	38-48.09	122-48.50	4.03	2.61 20	74	3.9	0.13	0.4	0.6 A1
751004	19 7	38.11	38-47.83	122-48.57	2.57	1.50 21	47	3.9	0.09	0.2	0.2 A1
751005	212	0.30	38-48.40	122-48.63	1.32	1.39 21	44	3.4	0.14	0.3	0.3 A1
751005	1141	5.09	38-48.15	122-47.62	2.29	1.09 9	78	3.4	0.10	0.5	0.4 A1
751006	245	40.58	38-49.00	122-47.58	2.51	1.59 23	40	3.6	0.13	0.3	0.2 A1
751008	1540	44.71	38-48.25	122-48.74	1.30	1.11 14	58	3.5	0.14	0.4	0.4 A1
751008	1853	3.44	38-48.23	122-47.66	1.95	1.18 12	72	3.4	0.07	0.2	0.2 A1
751010	215	36.69	38-48.28	122-48.02	1.54	0.97 11	73	3.9	0.23	0.9	0.7 B1
751010	2018	32.18	38-48.45	122-47.82	1.05	1.51 19	44	3.6	0.10	0.3	0.2 A1
751010	2019	58.55	38-48.45	122-47.79	1.52	1.42 19	44	3.6	0.10	0.3	0.2 A1
751010	2020	23.89	38-48.50	122-47.85	1.03	1.09 10	69	3.7	0.10	0.4	0.4 A1
751010	2022	19.53	38-48.55	122-47.84	1.04	1.02 12	70	3.7	0.12	0.4	0.4 A1
751011	7 5	28.57	38-32.03	122-30.32	6.58	1.48 25	77	9.0	0.16	0.6	2.0 B1
751011	1034	27.00	38-48.29	122-47.77	1.38	1.01 12	64	3.6	0.11	0.4	0.3 A1
751015	215	33.56	38-30.37	122-43.99	1.57	1.26 12	87	5.0	0.12	0.6	0.6 B1
751017	1827	52.73	38-48.56	122-48.04	3.37	1.02 10	78	4.0	0.07	0.3	0.2 A1
751018	1455	46.00	38-49.05	122-48.24	1.22	1.31 16	42	3.4	0.09	0.3	0.2 A1
751019	1423	58.69	38-49.05	122-48.63	0.80	1.00 13	49	2.9	0.11	0.4	0.3 A1
751020	2059	44.18	38-55.20	122-41.26	2.75	1.44 10	84	2.6	0.09	0.5	0.3 A1
751021	227	33.05	38-48.24	122-47.66	1.56	1.23 14	63	3.4	0.09	0.3	0.2 A1
751022	1235	19.18	38-33.18	122-16.64	13.21	1.74 15	99	14.7	0.16	0.7	1.2 B1
751022	13 7	44.29	38-33.13	122-17.53	8.07	2.06 24	94	15.5	0.21	0.7	1.9 R1
751022	1329	22.55	38-33.26	122-15.59	20.36	1.16 7	107	13.9	0.04	0.6	1.5 B1
751024	052	42.74	38-48.45	122-48.42	2.44	1.19 15	57	3.6	0.12	0.4	0.3 A1
751024	1 1	31.20	38-48.63	122-51.05	3.07	1.11 14	65	1.7	0.08	0.3	0.2 A1
751025	158	54.40	38-49.30	122-48.55	1.40	1.56 22	47	2.9	0.14	0.3	0.3 A1
751025	240	47.74	38-48.82	122-48.04	3.77	1.34 18	41	3.8	0.18	0.5	0.6 R1
751025	1311	10.99	38-48.30	122-47.78	1.56	1.13 16	64	3.6	0.10	0.3	0.2 A1
751030	1913	1.30	38-47.74	122-46.19	1.35	1.36 15	59	1.7	0.12	0.4	0.3 A1
751030	1919	55.10	38-31.52	122-45.75	2.09	1.45 14	80	4.5	0.13	0.6	0.5 A1
751102	1 4	22.14	38-48.36	122-48.45	1.39	0.91 10	66	3.7	0.10	0.4	0.3 A1
751103	1515	59.43	38-48.24	122-47.66	1.42	1.42 16	50	3.4	0.09	0.3	0.2 A1
751107	1759	41.31	38-40.76	122-23.28	5.00	1.45 16	114	14.9	0.12	0.5	1.1 R1
751108	957	40.72	38-48.35	122-47.63	1.76	1.54 21	47	3.4	0.11	0.3	0.2 A1
751108	2114	42.70	38-49.01	122-48.20	1.46	1.39 19	42	3.5	0.12	0.3	0.3 A1

DATE	HRMN	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N	GAP	DMIN	RMS	ERM	ERZ	QOM	
751109	4	3.62	38-48.32	122-47.80	1.65	1.48	14	65	3.6	0.11	0.3	0.3	A1	
751109	1234	49.65	38-48.16	122-46.32	3.98	1.43	18	51	1.5	0.17	0.6	0.7	B1	
751111	1220	17.23	38-47.58	122-48.04	1.81	1.14	11	74	4.2	0.18	0.7	0.6	B1	
751111	2121	17.70	38-47.77	122-48.59	2.54	1.16	15	48	4.2	0.09	0.3	0.2	A1	
751112	1415	31.08	38-49.21	122-47.72	1.32	1.25	19	47	3.5	0.10	0.3	0.2	A1	
751116	420	7.46	38-52.46	122-48.25	4.19	1.44	23	42	3.5	0.22	0.7	2.1	B1	
751117	2010	3.91	38-47.96	122-48.71	0.66	1.73	22	47	3.9	0.10	0.3	0.3	A1	
751119	645	51.75	38-48.88	122-47.97	3.47	1.56	17	48	3.9	0.11	0.4	0.2	A1	
751119	1132	12.83	38-55.37	122-39.89	2.54	1.27	12	92	1.8	0.13	0.6	0.3	B1	
751120	1	9	41.35	38-48.87	122-47.64	2.65	1.34	20	50	3.5	0.14	0.4	0.3	A1
751124	1920	1.63	38-48.54	122-46.85	2.23	1.58	26	43	2.3	0.15	0.4	0.3	B1	
751125	025	17.39	38-40.36	122-22.22	9.35	1.61	14	116	15.4	0.10	0.6	1.1	B1	
751127	737	49.94	38-47.32	122-58.52	3.66	1.43	19	59	4.1	0.16	0.5	0.8	B1	
751128	359	53.17	38-32.56	122-45.89	3.59	1.55	18	52	3.8	0.18	0.6	1.6	B1	
751128	739	52.76	38-48.45	122-48.34	2.65	0.95	9	75	3.7	0.07	0.4	0.3	A1	
751128	1313	17.91	38-48.15	122-49.46	1.22	0.99	11	55	2.9	0.08	0.3	0.3	A1	
751128	1630	54.33	38-48.49	122-47.74	1.49	1.18	11	76	3.5	0.09	0.3	0.3	A1	
751129	1150	39.26	38-58.02	122-41.70	2.96	1.31	10	132	3.8	0.13	0.8	0.5	B1	
751130	1233	55.35	38-48.80	122-48.20	4.10	1.29	13	54	3.6	0.19	0.7	2.3	B1	
751130	2028	1.01	38-48.70	122-48.24	2.55	1.30	16	60	3.7	0.10	0.3	0.2	A1	
751130	2317	41.67	38-47.63	122-48.45	2.63	1.44	18	63	4.5	0.09	0.3	0.2	A1	
751202	1633	17.35	38-36.31	122-48.41	7.57	1.08	12	124	9.1	0.09	0.4	1.2	B1	
751202	1858	42.53	38-48.10	122-48.15	0.85	1.42	16	64	4.0	0.09	0.3	0.3	A1	
751204	21	9	29.36	38-48.10	122-49.18	1.37	1.05	10	88	3.2	0.12	0.5	0.4	A1
751205	658	58.05	38-55.25	122-40.28	3.31	1.56	12	89	2.0	0.17	0.9	0.5	B1	
751208	541	16.92	38-48.48	122-48.42	2.66	1.15	17	58	3.6	0.13	0.4	0.3	A1	
751209	1838	15.82	38-49.21	122-48.34	1.07	1.09	10	82	3.3	0.10	0.4	0.4	A1	
751209	1535	44.56	38-48.92	122-48.27	1.23	1.07	13	56	3.5	0.10	0.3	0.3	A1	
751211	1628	55.31	38-36.60	122-48.50	6.81	2.27	38	50	9.1	0.20	0.4	1.5	B1	
751212	044	15.79	38-32.25	122-45.77	3.25	1.44	24	44	3.8	0.14	0.5	0.3	A1	
751214	2235	54.53	38-48.58	122-47.84	0.45	2.64	28	40	3.7	0.21	0.4	0.5	B1	
751214	2239	36.20	38-48.36	122-47.64	1.71	1.10	13	72	3.4	0.05	0.2	0.1	A1	
751214	2351	21.04	38-48.54	122-48.01	2.55	1.46	17	69	3.9	0.12	0.4	0.2	A1	
751215	1219	10.78	38-47.52	122-46.47	3.44	1.15	7	96	2.3	0.10	0.7	0.4	B1	
751215	1553	8.35	38-48.13	122-47.34	0.60	1.49	20	64	3.0	0.10	0.3	0.3	A1	
751215	1553	40.21	38-48.03	122-47.47	0.95	1.12	12	67	3.2	0.10	0.3	0.3	A1	
751215	1627	26.62	38-48.06	122-47.42	1.24	0.97	11	74	3.1	0.10	0.4	0.3	A1	
751215	1628	10.71	38-47.96	122-47.39	1.12	0.88	9	74	3.1	0.08	0.4	0.3	A1	
751215	20	1	32.47	38-57.93	122-40.52	3.60	1.16	13	127	3.0	0.18	0.9	1.0	B1
751216	1112	13.78	38-48.53	122-48.51	3.55	1.29	18	57	3.4	0.19	0.7	1.0	B1	
751216	1257	37.21	38-48.07	122-49.68	1.95	1.10	18	59	2.9	0.11	0.3	0.2	A1	
751217	10	3	57.76	38-47.72	122-44.34	2.47	1.85	26	39	4.5	0.15	0.4	0.3	B1
751218	1917	47.26	38-48.77	122-47.89	2.46	0.94	9	83	3.8	0.08	0.4	0.3	A1	
751219	1842	44.77	38-48.02	122-48.74	1.25	1.25	12	71	3.8	0.13	0.5	0.4	A1	
751221	321	32.32	38-48.01	122-48.25	1.12	1.33	17	62	4.3	0.13	0.4	0.3	A1	

DATE	HRMN	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N	GAP	DMJN	RMS	ERH	ERZ	QM	
751221	516	15.60	38-48.45	122-47.8A	0.30	1.30	16	60	3.7	0.11	0.3	0.3	A1	
751222	1117	0.43	38-49.75	122-48.75	1.34	1.80	19	4A	2.7	0.14	0.4	0.3	A1	
751222	1416	34.8A	38-48.11	122-48.04	1.39	0.99	9	75	4.0	0.08	0.3	0.3	A1	
751222	1844	0.4A	38-49.12	122-48.19	1.18	1.79	26	42	3.5	0.12	0.3	0.2	A1	
751224	515	50.41	38-48.90	122-49.29	1.16	1.24	16	54	2.1	0.12	0.4	0.3	A1	
751224	7	3	26.63	38-47.95	122-48.66	1.29	0.91	10	78	3.9	0.09	0.4	0.3	A1
751224	7	5	41.34	38-47.85	122-48.61	0.73	1.07	11	73	4.1	0.10	0.4	0.4	A1
751225	1938	31.99	38-48.78	122-47.82	2.04	1.18	16	53	3.7	0.11	0.3	0.2	A1	
751227	816	34.39	38-48.60	122-47.41	3.37	1.85	24	55	3.1	0.17	0.4	0.3	B1	
751227	2121	54.45	38-48.84	122-47.79	2.49	1.03	12	77	3.7	0.13	0.5	0.4	A1	
751229	3	7	42.32	38-47.91	122-46.23	1.50	1.24	17	67	1.6	0.10	0.3	0.2	A1
751230	624	19.0A	38-48.64	122-47.71	1.43	1.17	14	54	3.5	0.17	0.5	0.5	B1	
751230	1825	4.44	38-48.10	122-48.47	1.37	1.11	12	76	3.9	0.10	0.4	0.3	A1	
751231	1027	29.77	38-48.35	122-49.23	1.33	1.10	11	62	2.8	0.07	0.3	0.2	A1	
751231	1633	12.21	38-48.38	122-48.86	1.12	1.09	12	60	3.2	0.10	0.3	0.4	A1	
751231	1724	8.16	38-48.74	122-47.81	1.90	1.17	17	56	3.7	0.17	0.5	0.4	B1	
751231	2344	18.07	38-47.06	122-54.28	1.32	1.21	22	46	5.7	0.17	0.4	0.4	B1	
760104	1755	55.58	38-48.66	122-47.55	2.37	1.38	18	53	3.3	0.15	0.4	0.3	A1	
760104	2026	17.16	38-48.06	122-46.30	1.78	1.04	13	66	1.5	0.17	0.6	0.4	B1	
760104	21	5	56.11	38-47.90	122-46.46	2.00	1.06	13	68	1.9	0.14	0.5	0.4	A1
760104	21	7	34.49	38-48.07	122-46.21	1.78	1.23	20	67	1.4	0.16	0.4	0.3	B1
760104	2257	50.43	38-48.46	122-47.95	1.01	1.13	14	67	3.8	0.09	0.3	0.3	A1	
760105	1613	43.02	38-48.76	122-48.03	2.90	1.37	16	52	3.9	0.12	0.4	0.3	A1	
760105	2034	32.59	38-48.93	122-47.98	1.30	1.14	12	56	3.9	0.12	0.4	0.4	A1	
760107	620	48.21	38-48.95	122-48.21	1.69	1.06	12	79	3.5	0.10	0.4	0.3	A1	
760107	1449	45.16	38-48.86	122-47.54	2.42	1.36	19	51	3.4	0.17	0.5	0.3	B1	
760108	2152	6.84	38-47.58	122-46.02	2.13	1.08	10	86	1.8	0.12	0.5	0.4	A1	
760109	1014	45.50	38-47.88	122-47.59	0.83	1.16	16	64	3.4	0.11	0.3	0.3	A1	
760110	721	8.80	38-48.66	122-48.05	3.09	1.09	13	62	3.9	0.14	0.6	0.4	A1	
760110	838	48.32	38-47.86	122-48.43	2.36	1.64	24	59	4.3	0.15	0.4	0.3	A1	
760110	1950	17.89	38-48.44	122-48.42	2.46	1.70	23	56	3.6	0.14	0.4	0.3	A1	
760111	619	21.28	38-51.60	122-56.53	4.91	1.21	20	49	1.4	0.17	0.6	1.2	B1	
760113	352	24.77	38-48.56	122-48.75	1.63	1.02	11	65	3.1	0.11	0.4	0.3	A1	
760113	1447	44.06	38-48.01	122-48.14	1.31	1.05	11	76	4.2	0.10	0.4	0.3	A1	
760113	23	0	28.34	38-48.09	122-46.15	1.51	1.41	17	67	1.3	0.19	0.6	0.4	B1
760114	2016	10.13	38-55.82	122-41.06	2.37	1.19	10	83	1.6	0.13	0.8	0.4	A1	
760114	2116	14.63	38-48.92	122-48.22	0.69	1.06	12	78	3.5	0.10	0.4	0.4	A1	
760115	1	5	18.07	38-43.22	122-47.57	1.28	1.15	15	64	3.3	0.09	0.3	0.2	A1
760115	1356	25.22	38-47.83	122-48.41	2.48	1.49	24	59	4.3	0.14	0.3	0.3	A1	
760115	1358	0.7A	38-47.81	122-48.43	2.57	1.56	24	59	4.3	0.13	0.3	0.2	A1	
760118	1925	59.20	38-40.54	122-47.95	0.88	2.68	36	37	3.8	0.17	0.3	0.4	B1	
760118	2222	40.80	38-49.01	122-47.71	2.12	1.29	21	40	3.7	0.14	0.4	0.3	A1	
760120	440	17.59	38-49.34	122-48.74	1.97	1.13	17	45	2.7	0.15	0.5	0.3	B1	
760120	1220	51.70	38-49.24	122-50.63	1.66	1.48	22	36	0.4	0.14	0.4	0.3	A1	
760120	1831	35.43	38-47.68	122-48.32	2.52	1.41	20	60	4.5	0.13	0.4	0.3	A1	

DATE	HRMN	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N GAP	DMIN	RMS	ERH	ERZ	OM
760121	511	3.18	38-47.90	122-48.14	1.24	1.39	15	70	4.2	0.11	0.3	0.3 A1
760121	645	42.38	38-47.89	122-48.22	1.36	1.33	15	70	4.3	0.10	0.3	0.3 A1
760123	3	0 23.78	38-47.77	122-46.27	1.48	1.20	16	70	1.8	0.18	0.5	0.4 B1
760123	513	14.52	38-49.52	122-47.59	2.78	1.28	13	71	3.3	0.16	0.7	0.5 B1
760123	918	41.46	38-49.10	122-48.25	1.68	1.21	16	44	3.4	0.17	0.5	0.4 B1
760127	055	43.96	38-48.51	122-48.48	2.39	1.06	13	66	3.5	0.12	0.4	0.3 A1
760127	1	53.03	38-48.40	122-45.95	4.17	2.03	26	48	0.9	0.17	0.4	1.0 B1
760127	853	56.14	38-48.29	122-48.50	1.25	1.72	26	45	3.7	0.14	0.3	0.3 A1
760129	357	14.45	38-48.20	122-47.89	2.91	1.10	16	62	3.8	0.10	0.3	0.2 A1
760131	10	6 43.81	38-48.97	122-47.41	2.31	1.07	19	48	3.2	0.21	0.6	0.4 B1
760201	22	7 7.06	38-48.93	122-47.98	1.41	1.24	20	41	3.9	0.11	0.3	0.2 A1
760202	138	9.59	38-49.16	122-48.02	1.38	1.73	23	37	3.7	0.17	0.4	0.4 B1
760202	13	4 29.74	38-56.27	122-37.45	4.03	1.40	19	113	4.0	0.25	1.1	1.3 B1
760202	2232	15.17	38-48.84	122-48.15	2.42	1.40	23	41	3.7	0.13	0.3	0.2 A1
760204	13	5 36.78	38-32.31	122-45.03	5.67	1.46	22	67	2.8	0.26	0.8	1.9 B1
760205	1052	46.97	38-49.10	122-48.61	1.31	1.13	18	46	2.9	0.13	0.3	0.3 A1
760207	356	39.85	38-49.20	122-48.03	1.56	1.73	23	36	4.2	0.15	0.4	0.4 A1
760207	17	0 26.03	38-48.86	122-47.54	4.25	1.38	18	51	3.4	0.17	0.6	1.9 B1
760208	1444	6.19	38-48.59	122-57.31	3.89	1.13	17	48	4.3	0.24	0.9	1.1 B1
760208	1710	0.29	38-49.04	122-48.32	2.59	1.32	18	50	4.5	0.17	0.5	0.4 B1
760211	655	44.63	38-48.45	122-48.51	2.29	1.32	22	43	4.6	0.16	0.4	0.4 B1
760216	110	22.19	38-48.73	122-48.07	2.44	1.99	30	36	4.1	0.18	0.4	0.4 B1
760216	110	54.00	38-48.81	122-48.24	2.37	1.56	25	36	4.3	0.15	0.4	0.3 A1
760216	116	56.09	38-48.91	122-48.36	2.09	1.38	23	35	4.5	0.21	0.5	0.5 B1
760217	1232	49.42	38-47.79	122-46.07	1.95	1.30	17	52	1.5	0.16	0.5	0.3 B1
760218	242	10.99	38-48.41	122-47.73	1.71	1.49	22	45	3.5	0.14	0.4	0.3 A1
760219	2141	24.84	38-49.03	122-48.02	2.22	1.72	23	52	4.1	0.14	0.4	0.3 A1
760221	14	2 21.49	38-48.60	122-47.68	1.68	1.23	18	71	3.5	0.15	0.4	0.3 B1
760222	915	20.07	38-49.45	122-48.20	1.06	1.43	22	35	3.4	0.17	0.4	0.4 B1
760224	612	52.20	38-47.80	122-48.42	2.92	1.19	21	48	3.8	0.11	0.3	0.2 A1
760224	2353	41.97	38-48.41	122-48.38	1.12	2.05	25	44	3.7	0.14	0.3	0.3 A1
760225	125	37.40	38-42.54	122-50.75	2.14	2.24	30	30	6.2	0.20	0.5	0.7 B1
760225	725	40.08	38-47.69	122-48.27	3.49	1.89	29	35	3.5	0.16	0.4	0.3 B1
760225	1210	7.53	38-42.33	122-50.81	2.20	1.03	22	55	6.6	0.20	0.6	0.6 B1
760227	022	13.22	38-48.27	122-49.04	0.61	1.28	17	53	3.1	0.10	0.3	0.3 A1
760227	345	16.31	38-48.38	122-48.51	0.92	2.07	26	44	3.6	0.15	0.3	0.3 A1
760228	2312	3.59	38-49.05	122-48.07	2.25	1.22	19	45	3.7	0.10	0.3	0.2 A1
760302	117	0.60	38-48.79	122-48.25	1.67	1.20	14	75	3.6	0.10	0.3	0.3 A1
760303	1936	7.13	38-48.97	122-47.64	2.45	2.43	31	40	3.6	0.14	0.3	0.2 A1
760303	2015	26.80	38-48.98	122-48.11	2.20	1.50	22	38	4.2	0.17	0.5	0.4 B1
760304	15	7 46.28	38-48.53	122-45.32	3.55		14	164	7.5	0.16	1.0	1.3 C1
760304	15	8 9.63	38-47.88	122-46.18	0.57	2.63	12	146	9.2	0.46	5.0	8.2 D1
760306	1351	8.24	38-48.17	122-47.99	1.36	2.75	31	35	3.9	0.18	0.4	0.4 B1
760306	2049	51.51	38-48.09	122-48.66	1.87	1.30	19	46	4.4	0.10	0.3	0.2 A1
760308	551	53.00	38-48.60	122-49.24	0.90	1.46	19	43	5.4	0.12	0.3	0.4 B1

DATE	HRMN	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N	GAP	DMIN	RMS	ERM	ERZ	QM
760309	058	52.32	38-48.69	122-48.33	2.23	1.40	18	41	4.4	0.10	0.3	0.2	A1
760309	835	9.95	38-48.98	122-49.22	1.81	1.88	27	41	4.4	0.13	0.3	0.3	A1
760309	836	1.41	38-48.80	122-48.19	2.01	1.33	20	41	4.3	0.11	0.3	0.3	A1
760309	157	24.23	38-48.45	122-47.91	1.14	1.68	24	44	3.0	0.12	0.3	0.3	A1
760310	1240	33.71	38-49.08	122-48.20	2.14	2.30	34	41	4.4	0.15	0.3	0.3	B1
760315	121	13.77	38-48.05	122-48.93	1.17	1.21	17	60	4.6	0.11	0.4	0.4	A1
760315	124	47.25	38-53.29	122-42.06	3.07	1.47	17	87	2.5	0.18	0.6	0.4	B1
760315	1240	30.49	38-53.43	122-42.45	4.00	1.42	15	81	2.7	0.18	0.7	0.9	B1
760315	2016	4.04	38-55.95	122-41.48	2.90	1.50	16	71	2.0	0.17	0.7	0.4	B1
760317	419	47.39	38-48.48	122-47.39	3.73	1.23	15	65	3.0	0.14	0.5	0.4	A1
760317	648	17.25	38-48.41	122-49.71	1.72	1.51	20	44	4.9	0.13	0.4	0.4	A1
760318	157	8.93	38-47.86	122-48.50	3.58	1.43	20	45	3.9	0.17	0.6	0.8	B1
760318	51	53.38	38-48.75	122-48.23	2.62	1.28	19	47	4.3	0.11	0.4	0.3	A1
760318	956	12.21	38-48.03	122-48.84	1.81	1.49	17	61	4.5	0.13	0.5	0.4	A1
760318	1031	51.67	38-48.05	122-48.79	2.01	1.15	12	68	4.5	0.10	0.5	0.3	A1
760318	1255	46.16	38-48.02	122-48.83	2.25	1.29	18	47	4.5	0.13	0.5	0.4	A1
760318	1257	35.89	38-48.32	122-48.61	1.75	2.15	27	44	4.7	0.13	0.3	0.3	A1
760319	15	6	30.51	38-48.25	3.34	1.65	23	58	3.1	0.14	0.4	0.3	A1
760321	1514	4.59	38-48.61	122-47.54	4.38	1.07	13	112	3.3	0.11	0.5	1.2	B1
760321	1726	32.77	38-47.95	122-48.25	0.70	1.21	16	66	3.9	0.10	0.3	0.3	A1
760328	11	5	20.75	38-48.14	2.62	1.04	11	71	3.6	0.11	0.5	0.4	A1
760328	2337	7.16	38-49.09	122-48.63	0.88	1.31	17	43	5.0	0.09	0.3	0.3	A1
760331	24	45.71	38-48.38	122-47.71	1.44	1.80	26	46	3.5	0.12	0.3	0.2	A1
760331	76	26.90	38-32.93	122-45.57	6.22	1.24	28	43	3.2	0.15	0.4	1.1	A1
760401	1323	43.05	38-47.81	122-48.50	1.00	1.26	11	67	3.9	0.10	0.4	0.4	A1
760401	1410	15.27	38-48.00	122-48.75	1.09	1.71	21	51	3.8	0.13	0.3	0.3	A1
760402	21	5	15.88	38-47.99	2.53	1.19	21	63	3.9	0.10	0.3	0.2	A1
760404	258	32.50	38-48.71	122-47.91	2.64	1.24	19	55	3.8	0.17	0.5	0.3	B1
760404	644	17.67	38-48.21	122-47.57	1.00	1.20	17	63	3.3	0.10	0.3	0.3	A1
760405	953	27.97	38-48.89	122-48.14	3.14	1.18	19	46	3.7	0.08	0.3	0.2	A1
760405	1224	37.26	38-49.23	122-47.31	1.30	1.68	20	44	3.3	0.26	0.7	0.7	B1
760405	2224	32.46	38-48.66	122-46.66	4.50	1.68	24	44	2.0	0.18	0.5	1.2	B1
760409	1529	5.97	38-48.32	122-47.26	2.63	1.31	11	83	2.8	0.06	0.3	0.2	A1
760415	512	21.31	38-48.55	122-48.20	3.35	1.46	17	57	3.8	0.13	0.4	0.3	A1
760415	98	39.17	38-48.15	122-48.13	1.45	2.75	33	35	4.1	0.16	0.3	0.3	B1
760417	1521	20.43	38-49.03	122-47.72	2.64	1.52	24	40	3.7	0.16	0.4	0.3	B1
760417	1532	18.28	38-48.90	122-47.50	2.54	1.99	27	40	3.3	0.16	0.4	0.3	B1
760417	21	3	12.12	38-48.29	1.55	1.54	22	44	3.4	0.12	0.3	0.2	A1
760418	948	18.32	38-46.19	122-48.38	3.87	1.70	36	50	9.1	0.21	0.5	0.9	B1
760420	11	3	40.36	38-48.73	2.50	1.60	26	40	3.5	0.15	0.3	0.2	A1
760423	338	40.37	38-48.87	122-47.75	2.63	1.72	26	40	3.7	0.20	0.5	0.3	B1
760423	555	5.06	38-47.90	122-48.60	2.55	1.26	22	44	4.1	0.12	0.3	0.2	A1
760423	1352	38.47	38-46.75	122-45.74	3.67	1.56	25	53	2.0	0.16	0.4	0.5	B1
760425	355	36.82	38-47.76	122-48.28	2.35	1.40	20	59	3.6	0.14	0.4	0.3	A1
760425	411	42.50	38-48.83	122-47.58	3.58	1.52	22	51	3.4	0.18	0.5	0.8	B1

DATE	HKNN	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N GAP	DMIN	RMS	ERH	ERZ	DM
740425	19 2	42.46	38-46.33	122-26.28	4.16	2.01	28	129	3.8 0.17	0.6	2.2	B1
740427	2218	3.45	38 48.31	122 48.14	2.90	1.64	11	63	4.1 .12	.5	.3	A1
740501	631	54.34	38-52.10	122-39.48	3.88	1.64	19	90	4.5 0.21	0.7	0.9	B1
740501	13 2	33.14	38-49.03	122-47.43	2.31	2.40	35	40	4.6 0.18	0.4	0.3	B1
740502	224	33.05	38-47.70	122-48.45	2.65	1.65	20	47	3.6 0.16	0.5	0.3	R1
740503	1030	15.97	38-48.57	122-47.96	3.48	1.16	16	70	3.9 0.12	0.4	0.3	A1
740504	057	36.59	38-48.37	122-47.69	2.56	1.54	23	47	3.4 0.11	0.3	0.2	A1
740504	059	4.69	38-48.11	122-47.98	3.25	1.07	15	64	3.9 0.10	0.3	0.2	A1
740505	2129	6.73	38-48.97	122-47.81	3.89	1.55	22	41	3.4 0.18	0.5	0.9	R1
740510	217	36.73	38-48.93	122-47.96	2.46	1.47	21	41	3.9 0.16	0.4	0.3	B1
740510	12 4	20.55	38-59.69	122-36.39	1.63	1.55	16	112	3.4 0.21	0.9	0.7	B1
740511	357	8.61	38-45.69	122-25.59	5.42	1.07	11	136	5.2 0.14	1.0	2.4	C1
740511	2116	57.84	38-52.08	122-29.59	1.11	1.31	15	175	8.0 0.13	0.8	0.8	B1
740512	1418	7.57	38-56.66	122-47.09	5.00	2.57	4	330	78.6 0.07			C1
740512	1435	28.40	38-48.64	122-47.81	4.02	1.65	17	55	3.7 0.20	0.7	1.0	B1
740513	226	36.85	38-48.51	122-48.05	3.97	1.45	19	51	4.0 0.23	0.7	1.1	B1
740513	1036	49.39	38-48.79	122-48.16	2.63	1.53	21	47	3.7 0.14	0.4	0.3	A1
740513	1831	27.55	38-47.99	122-49.09	1.22	1.27	22	48	3.5 0.16	0.4	0.3	B1
740515	2346	34.41	38-48.59	122-48.66	0.05	1.29	19	43	3.2 0.25	0.6	0.7	B1
740516	914	21.00	38-48.95	122-48.18	3.93	1.23	19	79	3.6 0.19	0.6	0.9	R1
740517	10 4	14.41	38-44.01	122-22.87	6.79	1.49	20	143	9.8 0.14	0.7	2.4	C1
740517	10 7	32.15	38-43.42	122-23.32	1.05	1.31	16	137	10.4 0.18	1.0	1.2	C1
740517	1013	14.39	38-43.88	122-23.02	6.48	1.47	19	146	9.9 0.16	0.8	3.1	C1
740517	1016	49.36	38-44.27	122-22.98	7.04	1.39	18	151	9.3 0.14	0.7	2.3	C1
740517	1457	6.46	38-47.69	122-48.51	3.40	1.76	21	44	3.7 0.16	0.5	0.3	B1
740517	2137	9.66	38-48.04	122-47.96	0.61	1.61	19	53	3.8 0.14	0.4	0.4	A1
740517	2137	34.53	38-48.19	122-47.95	0.78	1.82	22	46	3.8 0.10	0.3	0.3	A1
740518	051	39.80	38-48.25	122-47.59	1.00	1.27	12	65	3.3 0.09	0.3	0.3	A1
740518	8 5	9.94	38-48.38	122-49.07	0.51	1.65	20	46	2.9 0.11	0.3	0.3	A1
740518	1111	51.62	38-50.12	122-50.32	1.71	2.16	25	47	1.3 0.18	0.5	0.4	B1
740518	1735	42.92	38-48.83	122-47.66	2.08	1.72	25	39	3.5 0.14	0.3	0.3	A1
740519	131	10.72	38-49.19	122-47.76	3.77	2.22	32	38	3.9 0.20	0.5	0.9	B1
740519	550	43.14	38-48.30	122-49.54	1.02	1.25	18	50	2.6 0.12	0.3	0.3	A1
740519	1117	24.36	38-48.27	122-48.23	2.28	1.33	20	45	4.0 0.12	0.3	0.2	A1
740521	729	51.18	38-48.32	122-46.27	3.50	1.25	19	51	1.4 0.19	0.5	0.5	B1
740521	848	0.09	38-32.31	122-43.96	6.22	1.11	20	64	1.6 0.14	0.5	0.9	A1
740522	618	11.70	38-56.18	122-41.73	1.99	0.95	12	74	2.3 0.12	0.5	0.3	A1
740522	827	36.39	38-47.98	122-48.23	2.11	1.26	20	45	4.3 0.08	0.2	0.2	A1
740522	916	26.28	38-56.40	122-41.43	2.11	1.31	12	75	1.8 0.12	0.6	0.4	A1
740522	921	9.80	38-48.46	122-48.54	3.38	1.29	19	43	3.5 0.12	0.4	0.3	A1
740524	358	53.01	38-48.85	122-48.11	1.92	1.14	12	77	3.7 0.12	0.4	0.3	A1
740525	1147	7.14	38-48.18	122-27.86	5.52	1.41	16	103	1.6 0.16	0.8	1.2	B1
740526	626	18.16	38-48.04	122-47.77	1.01	1.67	23	47	3.6 0.14	0.3	0.3	A1
740526	1432	30.40	38-56.42	122-41.55	2.30	1.52	12	115	2.0 0.13	0.6	0.4	B1
740526	2254	12.47	38-56.51	122-41.05	2.49	1.79	11	75	1.3 0.17	0.9	0.5	R1

DATE	HRMN	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N GAP	DMIN	RMS	ERH	ERZ	QH
760527	1721	13.18	38-48.13	122-49.09	1.16	1.58	17	57	3.3	0.11	0.3	0.3 A1
760528	3	8	38-48.11	122-46.77	3.43	1.16	14	64	2.2	0.13	0.5	0.3 A1
760528	120	2.90	38-48.12	122-27.57	6.55	1.40	16	95	1.2	0.15	0.9	1.2 B1
760528	148	2.07	38-48.51	122-48.95	0.42	1.10	11	61	2.9	0.11	0.4	0.5 A1
760528	2218	53.31	38-48.99	122-48.03	3.83	1.90	24	41	3.8	0.17	0.5	0.8 B1
760529	813	13.94	38-48.09	122-27.61	6.25	1.35	12	94	1.3	0.15	0.9	1.3 B1
760530	426	21.20	38-48.30	122-48.46	3.55	1.13	13	70	3.7	0.16	0.8	1.1 B1
760531	1645	2.70	38-42.49	122-51.71	3.66	1.75	27	35	6.5	0.16	0.4	0.7 B1
760531	23	6	38-48.01	122-49.25	1.06	1.41	21	44	3.3	0.11	0.3	0.3 A1
760601	721	7.22	38-48.74	122-48.27	2.48	1.68	23	41	3.6	0.15	0.4	0.3 A1
760601	1616	36.84	38-48.90	122-47.70	2.47	1.93	24	40	3.6	0.13	0.3	0.2 A1
760602	610	48.13	38-47.72	122-48.27	3.51	1.38	19	50	3.5	0.14	0.5	0.7 A1
760603	816	20.37	38-49.97	122-50.14	1.91	1.50	22	50	1.1	0.15	0.4	0.3 A1
760604	1923	45.66	38-48.13	122-47.62	1.42	1.57	21	47	3.4	0.10	0.3	0.2 A1
760605	0	3	38-48.38	122-47.88	1.02	1.90	24	46	3.7	0.10	0.2	0.2 A1
760605	20	5	38-48.09	122-46.36	3.99	1.27	11	64	1.6	0.18	0.9	0.9 B1
760606	1325	35.53	38-48.87	122-47.88	2.42	1.55	18	77	3.8	0.15	0.4	0.3 B1
760606	2216	0.39	38-48.09	122-48.36	2.64	1.42	19	57	4.1	0.11	0.3	0.2 A1
760608	621	42.79	38-48.00	122-47.93	1.97	1.95	31	46	3.7	0.16	0.4	0.3 B1
760609	4	2	38-48.45	122-47.95	3.28	1.09	11	75	3.8	0.07	0.4	0.3 A1
760609	542	24.22	38-47.63	122-48.41	3.01	1.20	14	71	3.5	0.07	0.2	0.2 A1
760609	18	3	38-46.81	122-56.41	0.67	1.15	16	84	3.8	0.16	0.7	0.9 B1
760614	821	0.62	38-48.93	122-47.86	2.24	1.23	12	78	3.8	0.11	0.4	0.3 A1
760615	525	5.10	38-48.19	122-48.95	1.33	1.02	13	57	3.3	0.09	0.3	0.3 A1
760615	636	40.59	38-48.38	122-48.82	0.93	1.42	20	43	3.2	0.11	0.3	0.3 A1
760615	1243	59.24	38-49.02	122-47.86	2.41	2.01	26	41	3.9	0.14	0.3	0.3 A1
760615	1555	54.02	38-48.30	122-46.50	3.59	1.33	20	51	1.7	0.17	0.4	0.4 B1
760617	2	3	38-31.24	122-44.02	3.13	1.70	26	85	3.4	0.17	0.5	0.4 B1
760617	1145	43.36	38-47.91	122-46.18	1.53	1.69	25	52	1.5	0.16	0.4	0.3 B1
760617	1358	46.15	38-48.63	122-47.98	0.95	1.61	20	40	3.9	0.11	0.3	0.3 A1
760617	1519	24.46	38-46.01	122-46.03	3.45	1.34	20	52	1.2	0.14	0.4	0.3 A1
760617	1852	46.49	38-48.99	122-47.77	1.98	1.13	14	50	3.8	0.13	0.4	0.3 A1
760618	635	27.60	38-40.83	122-47.68	2.89	1.15	15	76	3.6	0.11	0.4	0.3 A1
760618	1617	31.84	38-48.63	122-47.60	2.50	1.99	30	38	3.5	0.15	0.3	0.3 B1
760619	1	2	38-47.97	122-46.54	1.54	1.09	12	69	1.9	0.11	0.4	0.3 A1
760619	1	5	38-47.94	122-46.42	1.41	1.04	13	61	1.8	0.11	0.4	0.3 A1
760619	1518	23.09	38-48.29	122-47.85	1.15	1.25	15	62	3.7	0.10	0.3	0.3 A1
760620	1418	27.47	38-48.05	122-48.16	1.03	1.70	21	69	4.0	0.12	0.3	0.3 A1
760620	1421	21.33	38-47.96	122-47.72	0.83	1.48	18	71	3.5	0.11	0.3	0.3 A1
760621	211	25.54	38-48.50	122-47.65	1.19	1.11	15	69	3.4	0.08	0.2	0.2 A1
760622	154	13.22	38-48.15	122-47.91	0.91	1.25	18	64	3.8	0.11	0.3	0.3 A1
760623	743	8.53	38-48.80	122-48.98	0.85	1.64	21	43	2.5	0.15	0.4	0.4 A1
760625	2145	34.18	38-48.55	122-48.62	1.51	1.18	14	55	3.3	0.08	0.2	0.2 A1
760629	614	27.78	38-48.90	122-47.95	2.40	1.24	17	41	3.9	0.10	0.3	0.2 A1
760701	812	27.59	38-48.44	122-48.64	3.34	.80	6	142	3.4	.07	.8	.5 B1

DATE	HMN	SFC	LATITUDE	LONGITUDE	DEPTH	MAG	N	GAP	DMIN	RMS	ERH	ERZ	QM
760701	2059	20.19	38-48.06	122-48.93	1.06	1.44	21	48	3.5	.10	.2	.2	A1
760702	H10	37.17	38-48.09	122-46.20	2.05	1.17	16	64	1.4	.12	.4	.2	A1
760702	1025	51.78	38-58.45	122-43.30	1.32	1.38	12	94	5.7	.14	.5	.5	R1
760702	1428	52.31	38-57.97	122-43.63	2.41	1.49	13	89	5.2	.11	.4	.3	B1
760702	2038	49.70	38-58.08	122-46.41	5.75	1.21	12	84	1.2	.10	.5	.8	A1
760702	2155	52.95	38-48.83	122-47.99	2.37	1.24	15	53	3.9	.08	.3	.2	A1
760703	1630	18.16	38-49.09	122-48.53	3.33	1.16	13	81	4.9	.20	.8	.6	B1
760704	1416	23.10	38-40.21	122-45.87	3.83	2.35	37	50	4.6	.18	.4	.4	R1
760705	1812	19.17	38-48.07	122-46.33	2.42	1.18	10	65	1.6	.09	.4	.3	A1
760705	2130	.22	38-40.12	122-45.56	5.34	.96	19	70	4.7	.15	.5	1.4	A1
760705	2237	37.71	38-47.98	122-48.26	3.42	1.22	17	65	3.9	.13	.4	.4	A1
760705	2358	17.73	38-48.43	122-47.69	1.82	1.50	21	45	3.4	.10	.3	.2	A1
760706	816	53.89	38-48.64	122-47.57	2.28	1.29	20	53	3.3	.11	.3	.2	A1
760706	1110	37.35	38-48.93	122-47.85	.69	1.52	22	38	3.8	.12	.3	.3	A1
760706	1151	25.37	38-48.05	122-47.05	.94	1.59	19	57	2.6	.11	.3	.3	A1
760706	1254	15.93	38-48.92	122-47.94	3.65	1.27	16	52	3.9	.17	.6	.7	B1
760708	015	33.49	38-40.17	122-45.83	4.41	2.52	37	50	4.7	.18	.4	.7	B1
760710	0	6	27.55	38-48.74	2.23	1.35	14	53	3.4	.11	.4	.3	A1
760710	912	27.65	38-36.10	122-41.68	2.19	1.12	10	105	6.2	.11	.7	.7	B1
760711	2	7.87	38-47.44	122-45.20	.09	1.47	16	74	1.7	.31	.9	1.0	B1
760713	2128	25.20	38-47.74	122-46.11	2.14	1.51	18	60	1.6	.25	.7	.5	B1
760715	713	30.49	38-47.75	122-49.88	2.55	1.17	12	102	3.3	.14	.6	.3	B1
760715	1141	1.73	38-47.95	122-48.66	2.20	1.25	18	44	3.9	.14	.4	.3	A1
760717	7	0	4.59	38-47.76	2.33	1.61	26	53	1.4	.16	.4	.2	B1
760717	719	5.48	38-47.95	122-46.24	2.05	1.31	17	62	1.5	.16	.4	.3	B1
760717	14	3	10.85	38-48.19	1.72	1.51	23	46	4.1	.15	.3	.3	A1
760718	236	27.62	38-48.26	122-49.14	.65	1.74	25	43	3.0	.17	.4	.4	B1
760718	1553	58.77	38-48.74	122-47.67	3.07	1.19	19	51	3.5	.16	.5	.4	B1
760719	6	3	5.30	38-48.36	2.47	1.72	22	47	3.5	.15	.4	.3	B1
760719	1536	.36	38-56.42	122-42.06	3.69	1.61	9	76	2.7	.07	.4	.3	A1
760719	1550	12.67	38-55.88	122-41.83	4.81	1.45	12	98	2.5	.19	1.0	1.9	B1
760719	1615	50.07	38-56.00	122-41.86	4.91	1.41	13	72	2.5	.15	.7	1.5	B1
760719	1822	45.40	38-56.01	122-41.96	4.58	1.41	14	73	2.6	.14	.6	.7	A1
760719	1830	35.34	38-56.43	122-42.07	3.88	1.38	10	76	2.7	.05	.2	.2	A1
760719	1950	28.47	38-55.93	122-42.02	4.75	1.79	17	72	2.8	.16	.6	1.5	B1
760720	831	2.96	38-48.60	122-48.05	4.01	1.14	15	72	4.0	.15	.6	1.2	B1
760720	1350	16.80	38-48.45	122-47.97	4.64	1.29	13	129	3.9	.10	.5	.6	B1
760720	1928	27.57	38-48.91	122-48.00	3.19	1.66	21	38	3.9	.19	.6	.5	B1
760721	010	35.02	38-39.99	122-45.73	3.32	1.24	19	71	5.0	.11	.4	.3	A1
760721	1154	27.16	38-48.57	122-48.32	4.34	1.17	16	56	3.7	.12	.5	.8	A1
760722	836	56.60	38-48.94	122-48.03	3.79	1.23	18	47	3.8	.15	.5	.6	A1
760724	7	6	3.55	38-48.53	1.38	1.52	21	52	2.1	.06	.2	.1	A1
760724	1153	27.55	38-48.54	122-49.66	1.22	1.35	18	52	2.1	.10	.3	.2	A1
760726	1018	12.66	38-48.92	122-47.89	4.21	1.14	12	86	3.9	.15	.6	1.8	A1
760728	1313	36.43	38-48.09	122-47.43	1.59	1.26	15	61	3.1	.12	.3	.3	A1

DATE	HRMN	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N	GAP	DMIN	RMS	ERH	ERZ	QM	
760729	739	52.05	38-47.44	122-48.42	2.99	1.05	13	75	3.2	.12	.5	.4	A1	
760730	1317	24.34	38-47.96	122-48.33	1.57	1.06	10	73	3.9	.07	.3	.2	A1	
760731	010	43.55	38-48.64	122-48.26	3.51	1.56	21	41	3.7	.15	.4	.4	A1	
760731	038	15.78	38-47.75	122-48.53	3.65	1.76	22	53	3.8	.10	.3	.3	A1	
760731	11	0	2.00	38-47.90	122-48.84	3.13	1.18	16	51	3.8	.15	.5	B1	
760731	1223	1.76	38-45.89	122-48.16	5.09	1.35	21	59	8.7	.11	.4	2.1	B1	
760801	120	55.97	38-48.12	122-48.05	1.46	1.74	24	51	4.0	0.07	0.2	0.2	A1	
760801	1143	6.31	38-48.09	122-47.56	2.97	1.28	15	60	3.3	0.07	0.2	0.2	A1	
760802	2356	0.87	38-48.53	122-48.49	4.09	1.27	13	76	3.5	0.15	0.7	0.8	B1	
760803	17	3	32.05	38-48.03	122-48.25	1.59	1.25	13	72	4.0	0.08	0.3	0.2	A1
760804	1846	42.05	38-48.85	122-47.99	3.56	1.81	24	41	3.9	0.14	0.4	0.4	A1	
760805	727	10.47	38-48.66	122-47.70	2.83	1.29	18	40	3.5	0.08	0.2	0.2	A1	
760805	939	52.51	38-48.66	122-47.43	3.69	1.18	17	52	3.1	0.11	0.4	0.4	A1	
760805	1130	57.95	38-48.86	122-48.00	2.51	1.79	23	41	3.9	0.10	0.2	0.2	A1	
760805	2216	4.06	38-48.09	122-47.71	3.45	1.22	15	90	3.5	0.09	0.4	0.3	B1	
760806	2217	54.79	38-48.07	122-45.85	3.69	2.58	34	38	0.9	0.12	0.3	0.2	A1	
760808	9	2	3.21	38-49.11	122-48.42	0.89	1.31	10	81	3.2	0.07	0.2	0.3	A1
760808	932	5.59	38-48.78	122-47.27	1.94	1.73	15	49	2.9	0.15	0.4	0.3	B1	
760809	0	0	26.26	38-48.15	122-49.13	1.19	1.64	19	70	2.9	0.05	0.1	0.1	A1
760809	1348	35.87	38-48.26	122-47.75	1.02	1.21	7	75	3.5	0.04	0.2	0.5	A1	
760810	544	22.82	38-47.87	122-47.89	2.69	1.68	17	56	3.5	.14	.4	.3	A1	
760810	2028	27.51	38-53.38	122-44.35	3.88	1.69	19	87	3.3	.19	.6	1.1	B1	
760811	750	26.99	38-47.92	122-48.21	2.71	2.11	29	53	3.8	.13	.3	.2	A1	
760811	752	6.69	39-47.77	122-48.44	3.48	1.29	15	57	3.7	.14	.6	.5	A1	
760811	755	19.77	38-47.96	122-48.54	2.66	1.64	21	51	4.0	.10	.3	.2	A1	
760811	1709	58.20	38-47.91	122-48.14	3.20	1.50	15	94	3.7	.12	.8	.8		
760812	1319	2.90	38-48.92	122-47.76	2.89	1.60	15	67	3.7	.16	.8	.8		
760812	1918	55.55	38-48.59	122-48.62	3.11	1.01	10	114	3.3	.08	.4	.3	B1	
760813	743	6.50	38-32.12	122-46.35	2.01	1.24	12	75	4.6	.13	.6	.6	A1	
760813	911	59.89	38-49.27	122-47.97	2.94	1.20	14	79	3.8	.09	.4	.3	A1	
760813	1132	50.40	38-48.64	122-47.84	1.94	1.38	16	51	3.7	.13	.4	.3	A1	
760813	2028	37.15	38-48.37	122-47.73	2.89	1.14	12	66	3.5	0.09	0.3	0.3	A1	
760815	147	30.85	38-47.88	122-46.12	3.48	1.09	9	99	1.5	.08	.4	.2	B1	
760815	1015	33.85	38-56.97	122-40.79	2.10	1.96	15	82	1.5	.21	.9	.6	B1	
760815	1510	5.82	38-56.42	122-40.28	3.13	1.91	16	102	.2	.19	.9	.4	B1	
760815	1542	33.10	38-56.62	122-40.28	2.75	2.02	18	87	.6	.21	.9	.5	B1	
760815	1639	51.68	38-48.80	122-47.88	2.09	1.30	9	125	3.8	0.08	0.4	0.3	B1	
760815	1749	49.18	38-48.15	122-48.10	1.53	1.37	14	49	4.1	0.09	0.3	0.2	A1	
760815	1750	13.62	38-48.07	122-48.17	1.76	1.44	16	58	4.0	0.11	0.4	0.3	A1	
760815	2036	45.95	38-57.97	122-47.68	4.20	1.73	14	90	4.7	0.64	3.1	8.7	C1	
760816	2149	26.72	38-49.00	122-48.04	2.19	1.55	23	41	3.8	0.10	0.3	0.2	A1	
760816	22	9	52.34	38-56.82	122-40.72	2.27	1.79	17	83	1.2	0.24	0.9	0.6	B1
760816	2248	20.94	38-56.89	122-41.09	0.98	2.53	24	80	1.7	0.21	0.6	0.5	B1	
760818	2310	39.91	38-48.37	122-48.99	0.77	1.58	21	43	3.0	0.09	0.2	0.2	A1	
760819	213	47.37	38-48.40	122-48.63	0.74	1.42	20	44	3.4	0.09	0.2	0.2	A1	

DATE	HRMN	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N	GAP	DMIN	RMS	ERH	ERZ	OM
760819	433	35.47	38-47.91	122-48.72	1.68	1.06	11	54	3.9	0.06	0.2	0.2	A1
760820	1428	33.85	38-49.04	122-48.20	4.05	1.41	14	72	3.5	0.14	0.6	0.7	A1
760820	1833	39.80	38-57.20	122-40.81	3.84	1.44	17	41	1.9	0.23	1.1	0.7	B1
760820	1854	2.88	38-48.95	122-48.70	0.75	1.44	22	43	2.9	0.15	0.4	0.4	A1
760820	1916	46.97	38-48.94	122-48.44	0.90	1.25	12	80	3.2	0.11	0.4	0.4	A1
760820	2122	56.55	38-52.88	122-35.54	7.20	1.36	13	121	9.2	0.11	0.6	2.0	B1
760820	2245	12.50	38-48.93	122-48.07	1.97	1.52	19	47	3.7	0.12	0.3	0.3	A1
760821	833	2.07	38-47.74	122-48.64	2.49	1.27	19	52	3.9	0.07	0.2	0.1	A1
760821	1442	36.61	38-56.99	122-41.59	0.05	1.19	9	192	2.4	0.09	0.5	0.5	C1
760822	317	19.74	38-48.09	122-48.23	1.60	1.88	29	45	4.1	.17	.4	.3	B1
760822	1138	43.72	38-47.98	122-46.00	1.63	1.32	12	63	3.6	0.08	0.3	0.3	A1
760822	1242	9.11	38-43.32	122-49.77	.30	.96	7	113	6.7	.10	.3	.3	B1
760824	1535	38.41	38-48.25	122-48.92	1.05	1.42	18	57	3.3	0.09	0.3	0.2	A1
760824	1535	56.10	38-48.01	122-48.88	0.22	1.34	19	61	3.6	0.28	0.7	0.9	B1
760824	1656	50.73	38-47.86	122-46.40	1.92	1.26	12	77	1.8	0.10	0.4	0.3	A1
760824	1657	22.55	38-47.95	122-46.18	2.04	1.42	15	77	1.5	0.11	0.4	0.2	A1
760825	1513	17.99	38-48.38	122-49.84	1.12	1.92	23	46	2.3	0.12	0.3	0.3	A1
760825	1521	57.49	38-47.77	122-48.46	0.40	1.34	13	98	3.8	0.19	0.7	0.7	B1
760826	2110	12.46	38-48.00	122-47.14	1.32	1.62	20	59	2.7	0.15	0.4	0.3	B1
760828	127	9.62	38-47.76	122-48.46	3.54	1.44	22	45	3.8	0.11	0.3	0.3	A1
760828	1911	23.28	38-47.98	122-50.09	1.22	1.09	11	105	2.8	.13	.6	.4	B1
760828	2027	5.77	38-48.18	122-49.82	.75	1.18	12	53	2.8	.09	.3	.3	A1
760829	19	35.03	38-48.18	122-47.59	1.33	1.43	16	47	3.3	.09	.3	.2	A1
760830	720	44.17	38-48.59	122-49.52	1.35	1.28	14	50	2.2	.13	.4	.3	A1
760830	2330	47.45	38-48.84	122-49.52	2.53	1.26	9	97	1.9	0.08	0.4	0.2	B1
760831	350	59.18	38-49.02	122-47.65	2.31	1.07	21	40	3.6	.14	.4	.3	A1
760831	421	19.38	38-49.26	122-47.62	.28	1.70	24	47	3.3	.17	.4	.4	B1
760831	423	12.05	38-48.09	122-47.82	.76	.99	11	70	3.7	.12	.4	.5	A1
760901	1028	5.56	38-30.91	122-43.12	6.69	1.33	14	80	3.9	.10	.5	.9	A1
7609	3	56	41.38	38-48.15	2.05	1.20	10	77	3.0	.06			A
760905	122	50.54	38-51.67	122-49.04	3.46	1.50	18	54	4.6	0.19	0.7	0.6	B1
760905	336	12.34	38-58.03	122-40.91	4.71	1.57	16	90	3.3	0.18	0.9	1.7	B1
760905	336	30.06	38-58.54	122-40.65	4.44	1.41	11	112	4.2	0.22	1.2	2.9	B1
760905	339	32.64	38-57.45	122-41.43	5.97	1.37	7	90	2.8	0.15	1.2	2.1	B1
760905	341	56.13	38-58.29	122-41.34	4.04	1.44	9	96	4.0	0.10	0.6	0.6	B1
760905	730	50.68	38-57.94	122-41.18	5.00	1.18	7	99	3.4	0.05	0.4	0.8	B1
760905	731	30.84	38-58.40	122-40.76	3.98	1.61	13	94	3.9	0.13	0.6	0.7	B1
760905	740	0.49	38-58.09	122-41.36	4.34	1.26	7	95	3.7	0.11	0.8	1.8	B1
760905	9	56.75	38-58.34	122-41.20	4.15	1.34	8	100	4.0	0.16	1.1	2.6	B1
760905	1331	39.22	38-48.93	122-48.00	2.30	0.57	12	78	3.9	0.07	0.3	0.2	A1
760905	1331	44.60	38-49.07	122-47.73	2.13	0.98	9	113	3.8	0.07	0.3	0.2	B1
760905	1430	3.34	38-30.98	122-38.72	3.94	1.57	22	57	3.4	0.20	0.7	0.8	B1
760905	1551	44.87	38-48.71	122-49.35	1.97	1.33	17	48	2.2	.20	.6	.4	B1
760908	937	9.40	38-57.07	122-40.28	2.08	1.29	8	130	1.4	.13	.9	.5	B1
760908	1626	31.26	38-48.55	122-48.23	2.41	1.23	11	77	3.8	.09	.3	.2	A1

DATE	HRMM	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N GAP	DMIN	RMS	ERH	ERZ	QM
760909	4	2	30.63	38-48.21	122-46.45	1.45	1.34	13	73	3.8	.07	.3
760909	7	9	.43	38-49.06	122-47.79	1.47	1.25	17	49	4.1	.10	.3
760909	12	8	34.03	38-48.23	122-47.87	2.31	1.23	6	236	4.1	.11	2.9
760909	23	13	46.18	38-48.12	122-47.73	1.34	1.22	15	78	3.5	0.07	0.2
760911	5	7	1.72	38-48.51	122-49.28	1.38	1.14	12	56	2.6	.15	.5
760911	20	56	42.41	38-47.90	122-47.18	5.00	1.32	5	233	9.5	.09	2.6
760911	23	13	12.45	38-48.94	122-46.37	2.34	1.68	9	221	7.9	.19	1.7
760912	45	1	.33	38-49.25	122-49.46	.30	1.56	7	252	11.2	.14	3.0
760912	91	2	5.89	38-49.58	122-48.53	3.47	1.26	9	236	9.7	.17	4.7
760912	14	8	17.12	38-48.48	122-41.85	2.92	1.22	6	233	4.7	.05	1.2
760916	0	3	21.07	38-48.78	122-49.20	1.05	1.52	20	57	2.3	.13	.3
760916	72	0	28.10	38-48.14	122-46.13	1.66	1.22	11	75	1.2	.09	.3
760916	17	55	46.40	38-48.03	122-45.92	1.69	1.35	16	67	1.1	.16	.5
760917	18	39	43.00	38-49.10	122-48.07	1.52	1.08	15	80	3.7	.16	.5
760919	19	38	51.16	38-48.01	122-48.16	2.07	1.16	19	65	3.9	.11	.3
760919	21	47	58.07	38-48.08	122-48.59	1.01	1.15	11	64	3.8	.08	.3
760920	9	51	19.79	38-48.45	122-47.96	.59	1.26	18	67	3.8	.11	.3
760920	23	9	21.69	38-48.55	122-47.79	3.50	1.06	12	70	3.6	.11	.5
760921	6	2	25.01	38-48.52	122-48.13	3.05	1.21	14	68	3.9	.15	.6
760921	6	5	27.13	38-48.66	122-47.66	2.74	1.60	18	73	3.4	0.05	0.2
760921	19	12	25.75	38-49.09	122-48.68	.65	1.50	19	43	2.8	.15	.4
760922	23	32	49	38-48.76	122-47.50	2.83	2.00	23	52	3.3	.30	.8
760924	12	35	.99	38-48.74	122-55.20	4.02	1.61	30	35	4.5	.22	.6
760924	21	3	33.51	38-47.94	122-48.20	1.72	0.92	9	71	3.9	0.06	0.3
760925	34	7	1.57	38-47.86	122-48.83	3.97	.95	9	90	3.9	.12	.7
760925	55	58	66	38-48.51	122-48.27	3.59	0.94	9	85	4.3	0.16	0.6
760925	11	56	29	38-47.12	122-45.41	3.53	.96	5	133	2.3	.02	.4
760925	12	53	90	38-47.66	122-47.60	3.90	1.19	6	234	3.0	.08	1.9
760926	54	20	.91	38-47.95	122-47.09	0.56	1.88	21	77	2.7	0.28	0.6
760926	95	48	06	38-48.53	122-49.10	.43	1.15	12	60	2.7	.12	.4
760926	95	2	90	38-48.66	122-49.33	1.33	.98	9	90	2.3	.02	.3
760926	15	31	43.61	38-48.01	122-48.18	2.21	1.21	14	69	3.9	0.11	0.4
760926	22	30	4.53	38-46.91	122-48.87	7.52	0.98	11	87	3.2	0.28	1.7
760927	01	44	.76	38-48.54	122-49.15	0.82	1.30	12	55	2.7	0.06	0.2
760927	2	0	25.73	38-48.12	122-46.45	0.16	1.95	14	77	1.7	0.93	2.1
760927	61	4	0.67	38-48.01	122-48.22	1.97	1.01	5	71	3.9	0.07	0.3
760928	5	2	2.73	38-48.38	122-48.56	2.42	1.40	18	59	3.5	.13	.4
760928	15	0	24.44	38-48.91	122-47.74	2.57	1.49	12	85	3.7	.18	.7
760928	20	38	35.84	38-47.44	122-50.67	3.73	1.03	17	57	2.9	.17	.6
760928	22	52	1.78	38-47.78	122-48.07	2.63	1.41	16	71	3.5	.17	.5
760930	65	57	33	38-48.07	122-47.55	.36	1.60	13	74	3.3	.15	.5
760930	7	1	35.29	38-48.24	122-47.60	2.55	1.15	11	70	3.3	.14	.5
760930	14	27	59.11	38-48.20	122-46.98	5.00	1.03	11	85	2.4	.07	.4
761001	11	55	13.24	38-47.87	122-47.83	2.25	1.07	12	76	3.5	.10	.3
761002	17	30	27.05	38-48.45	122-47.97	1.15	1.58	20	60	3.9	.14	.3

DATE	HHMM	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N GAP	UMIN	RMS	ERH	ERZ	QM
761003	446	12.54	38-49.38	122-48.73	1.90	1.12	11	84	2.7	.12	.4	.3 A1
761003	550	13.76	38-47.97	122-48.33	2.62	1.16	10	70	3.9	.07	.3	.2 A1
7610 4	142	17.39	38-48.16	122-46.15	1.90	1.80	21	62	1.3	.15	.3	.2 B1
7610 4	142	44.80	38-48.16	122-46.53	.78	1.30	12	106	1.8	.18	.4	.3 B1
7610 4	217	26.93	38-48.28	122-49.29	.96	1.80	19	48	2.9	.12	.2	.2 A1
7610 4	218	40.85	38-47.98	122-49.03	.47	1.20	13	61	3.5	.13	.3	.4 A1
7610 4	246	18.55	38-48.94	122-48.06	2.45	1.50	14	52	3.8	.12	.6	.5 A1
761005	123	25.76	38-48.56	122-47.99	3.13	0.81	9	78	3.9	0.03	0.2	0.1 A1
761005	522	45.92	38-48.06	122-45.74	1.77	1.65	16	68	.8	.13	.4	.3 A1
761005	640	45.53	38-48.59	122-49.25	1.54	1.10	15	59	2.5	.11	.3	.3 A1
761005	1749	59.23	38-57.94	122-41.71	.41	1.39	9	89	3.7	.10	.5	.5 A1
761006	2248	2.47	38-37.62	122-57.70	3.68	1.85	25	102	6.2	.19	.6	.6 B1
761007	014	48.73	38-48.44	122-48.40	.16	1.34	18	59	3.7	.14	.3	.4 A1
761007	1025	15.83	38-49.00	122-48.29	1.91	1.37	23	47	3.4	.11	.3	.2 A1
761007	1723	4.30	38-48.20	122-47.16	1.14	0.83	9	81	2.7	0.05	0.2	0.3 A1
761008	6 4	33.10	38-48.70	122-48.60	1.98	1.06	12	71	3.2	0.06	0.2	0.2 A1
761010	1513	58.35	38-52.11	122-46.68	3.87	.88	6	204	3.1	.06	.8	.4 C1
761011	653	23.96	38-47.83	122-48.72	2.94	1.09	17	51	4.0	.12	.4	.2 A1
761011	1135	5.92	38-48.70	122-48.41	2.33	1.34	17	54	3.4	.17	.5	.3 B1
761012	945	50.33	38-49.25	122-48.23	2.16	2.15	25	38	4.5	.17	.4	.3 B1
761012	1325	1.49	38-49.07	122-48.13	2.53	1.66	19	52	3.6	.11	.3	.2 A1
761012	2356	21.94	38-47.67	122-48.37	3.43	1.29	17	64	3.5	.16	.5	.4 B1
761014	1113	33.37	38-48.58	122-47.98	3.06	1.49	20	56	3.9	.11	.3	.2 A1
761014	2316	20.95	38-49.88	122-45.22	1.64	1.04	9	81	2.8	.09	.4	.4 A1
761015	23 6	54.23	38-31.62	122-37.09	5.94	1.94	34	61	1.2	.18	.5	1.0 B1
761016	1625	16.34	38-48.66	122-48.91	1.20	1.08	14	66	2.8	.27	.8	.9 B1
761017	13 3	11.88	38-39.82	122-46.65	2.59	.94	7	199	5.6	.13	2.9	.8 D1
761018	627	45.15	38-48.76	122-46.73	2.83	1.07	10	75	2.2	.24	.5	.3 B1
761018	742	44.15	38-48.71	122-48.04	2.93	.96	8	82	3.9	.05	.3	.2 A1
761019	832	7.07	38-48.68	122-48.37	1.14	.70	9	82	3.5	.13	.5	.6 A1
761018	1022	52.61	38-48.02	122-48.58	2.13	1.13	11	63	3.9	.04	.2	.1 A1
761018	1419	14.17	38-49.07	122-48.08	3.94	1.33	17	50	3.7	.16	.6	1.0 B1
761019	1312	.31	38-48.15	122-49.48	1.18	1.14	15	53	2.9	.16	.4	.4 B1
761019	1312	25.91	38-48.66	122-48.88	0.32	1.04	9	83	2.9	0.21	0.8	1.1 B1
761020	320	25.38	38-48.90	122-47.93	3.51	.97	14	78	3.9	.15	.6	.6 B1
761020	538	13.92	38-49.06	122-48.00	2.04	1.16	15	50	3.8	.10	.3	.2 A1
761020	1158	55.23	38-48.48	122-48.47	.54	2.01	26	55	3.5	.13	.3	.3 A1
761021	4 5	6.69	38-49.02	122-47.97	2.27	1.26	11	91	3.9	.06	.3	.2 B1
761021	2357	38.20	38-48.96	122-47.76	2.41	1.20	16	50	3.7	.21	.4	.3 B1
761022	532	8.21	38-48.90	122-47.69	2.75	1.10	16	50	3.6	.14	.4	.3 A1
761022	10 2	52.30	38-54.07	122-42.07	3.32	1.03	6	136	3.9	0.07	0.7	0.4 B1
761022	1552	59.80	38-41.72	122-37.15	5.00	2.25	24	75	16.7	.19	.8	6.4 C1
761022	2313	35.05	38-41.95	122-46.70	5.00	1.11	17	155	2.4	.14	.9	1.2 B1
761024	1553	13.23	38-47.84	122-48.43	2.77	1.30	14	64	3.8	.09	.3	.2 A1
761025	56	45.94	38-48.67	122-47.58	2.59	1.80	19	53	3.3	.13	.4	.3 A1

DATE	HRMN	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N	GAP	DMIN	RMS	ERH	ERZ	QM	
761113	968	32.76	38-47.92	122-48.97	1.34	.84	11	61	3.7	.07	.3	.2	A1	
761113	2227	48.08	38-48.69	122-46.75	3.15	0.78	10	76	2.2	0.33	1.6	0.9	B1	
761114	949	1.09	38-48.13	122-46.54	2.11	1.64	16	81	1.8	0.16	0.5	0.4	B1	
761114	1720	56.82	38-48.62	122-48.48	2.14	1.27	18	69	3.4	.15	.4	.3	B1	
761115	728	23.24	38-47.45	122-49.79	5.00	1.17	14	58	3.2	.43	2.1	3.7	B1	
761115	421	40.91	38-49.27	122-47.91	3.64	2.04	28	42	3.9	.14	.4	.3	A1	
761116	057	49.31	38-47.63	122-48.32	3.21	.65	6	180	3.4	.07	.8	.5	B1	
761116	336	3.11	38-47.82	122-47.95	1.87	1.21	13	69	3.4	.12	.4	.3	A1	
761116	913	.71	38-48.89	122-47.41	3.48	1.17	14	76	3.2	.18	.7	.7	B1	
761116	1050	16.41	38-48.06	122-48.38	1.76	1.67	18	59	4.1	.07	.2	.1	A1	
761116	13	0	39.38	38-48.18	122-47.70	1.10	1.11	9	76	3.5	.11	.4	.6	A1
761116	1817	38.09	38-48.52	122-48.38	.00	1.00	8	114	3.6	.19	.2	.2	C1	
761116	2037	28.06	38-58.85	122-50.86	8.46	1.20	10	115	5.4	.13	.6	1.5	B	
761117	41	35.74	38-48.24	122-47.90	2.90	1.50	11	70	3.8	.08	.3	.3	A1	
761117	845	21.53	38-48.29	122-48.77	2.89	1.20	11	81	3.4	.06	.3	.3	A1	
761118	1512	41.81	38-48.98	122-48.11	2.05	1.71	22	43	3.7	.10	.2	.2	A1	
761118	19	3	46.35	38-49.01	122-47.75	2.03	1.20	14	49	3.7	.09	.3	.2	A1
761121	918	49.58	38-48.16	122-47.47	1.44	1.20	15	70	3.1	.16	.4	.4	B1	
761121	1621	51.85	38-48.45	122-46.48	2.48	1.17	16	69	1.7	.15	.5	.3	A1	
761122	3	2	31.86	38-48.06	122-48.04	.57	.89	8	72	3.9	.08	.3	.4	A1
761122	425	40.75	38-48.20	122-46.28	2.88	1.10	15	81	1.4	.13	.5	.3	A1	
761122	1024	34.05	38-49.05	122-48.46	1.77	.81	10	92	3.1	.05	.2	.2	B1	
761122	1026	49.06	38-49.24	122-49.61	1.96	1.06	10	101	1.4	.15	.7	.5	B1	
761122	17	8	2.25	38-43.31	122-49.17	2.88	0.94	13	106	5.2	0.06	0.3	0.2	B1
761122	2218	22.00	38-49.17	122-48.41	2.09	1.48	17	48	3.2	.11	.3	.2	A1	
761123	045	5.04	38-48.45	122-49.21	1.27	1.14	13	58	2.7	.10	.3	.3	A1	
761123	151	57.16	38-48.41	122-47.96	1.80	1.17	10	74	3.8	.07	.3	.2	A1	
761123	2	3	12.72	38-47.59	122-47.99	1.36	.89	9	82	3.1	.14	.5	.4	A1
761123	425	51.49	38-48.74	122-48.41	2.09	.91	12	72	3.4	.11	.4	.3	A1	
761123	1432	44.14	38-48.73	122-49.45	1.11	1.49	19	45	2.1	.10	.3	.2	A1	
761124	12	6	52.53	38-47.93	122-46.51	2.13	1.50	19	66	1.9	.12	.3	.2	A1
761124	2333	16.88	38-53.88	122-43.98	7.80	1.16	6	214	4.0	0.11	3.0	4.9	D1	
761125	427	38.54	38-48.57	122-49.43	1.03	1.18	13	55	2.3	0.07	0.2	0.2	A1	
761125	654	5.72	38-48.28	122-49.37	1.44	0.85	9	91	2.8	0.04	0.2	0.1	B1	
761126	12	7	52.24	38-49.52	122-42.12	3.05	1.06	9	96	3.2	.10	.5	.4	B1
761126	1324	6.08	38-48.31	122-48.16	1.66	.98	9	72	4.1	.07	.3	.3	A1	
761126	19	7	26.90	38-47.88	122-48.78	2.38	1.35	17	59	3.9	.09	.3	.2	A1
761127	21	3	12.11	38-48.55	122-47.97	2.01	1.49	19	62	4.1	0.19	0.6	0.4	B1
761128	228	31.01	38-48.25	122-48.54	2.67	1.44	13	133	3.7	0.11	0.4	0.3	B1	
761128	1429	33.34	38-48.46	122-47.70	2.43	1.25	15	69	3.5	0.08	0.3	0.2	A1	
761128	1750	47.13	38-48.81	122-47.71	2.59	1.17	8	84	3.6	.09	.5	.5	A1	
761129	827	33.12	38-48.20	122-46.04	1.03	1.30	12	67	4.0	.10	.3	.3	A1	
761129	844	29.79	38-47.91	122-46.12	2.77	.83	9	96	1.4	.10	.5	.3	B1	
761129	933	53.46	38-40.72	122-46.06	6.25	1.71	22	78	3.7	.18	.6	1.5	B1	
761129	15	6	7.58	38-40.37	122-46.30	3.25	1.20	16	77	4.5	.10	.5	.4	A1

DATE	HRMN	SFC	LATITUDE	LONGITUDE	DEPTH	MAG	N	GAP	DMIN	RMS	ERH	ERZ	OM
761129	1616	22.60	38-48.77	122-46.55	4.22	2.12	26	45	2.0	.15	.4	.5	A1
761129	1757	4.69	38-48.65	122-48.57	2.23	1.26	13	55	3.3	.15	.5	.3	A1
761129	22 6	32.68	38-48.19	122-47.58	1.27	1.26	14	68	3.3	.16	.5	.5	B1
761130	748	42.86	38-48.92	122-48.69	3.04	1.17	14	77	2.9	.13	.5	.3	A1
761201	1242	55.77	38-49.14	122-48.08	2.23	1.00	10	90	3.7	.08	.3	.3	A1
761201	1349	54.59	38-48.47	122-49.02	1.37	.87	10	85	2.9	.08	.3	.3	A1
761201	1711	57.47	38-48.52	122-51.66	4.04	1.01	17	48	2.3	0.11	0.4	0.5	A1
761201	2059	18.14	38-48.99	122-47.91	2.27	2.00	23	42	3.9	0.10	0.3	0.2	A1
761201	2115	1.68	38-30.39	122-45.23	1.39	1.50	10	90	5.6	0.21	1.3	1.4	B1
761202	21 6	3.76	38-48.65	122-48.82	3.02	1.16	10	82	2.9	.14	.7	.4	A1
761203	548	31.14	38-52.98	122-43.34	3.46	1.69	16	73	2.1	.15	.5	.3	B1
761203	1329	14.50	38-47.34	122-48.43	3.57	1.21	16	58	3.1	.15	.6	.5	A1
761203	1331	2.02	38-47.31	122-48.67	3.76	1.12	12	77	3.3	.14	.7	.7	A1
7612 3	1545	42.37	38-48.40	122-48.76	1.15	1.60	16	56	3.3	.12	.3	.3	A1
761203	1945	56.20	38-47.89	122-48.10	3.21	1.96	21	60	3.7	0.15	0.4	0.3	A1
7612 4	721	10.68	38-47.81	122-48.30	2.74	1.30	13	68	3.7	.15	.5	.2	A1
761206	3 2	24.86	38-48.45	122-47.68	1.79	1.61	22	60	3.4	.15	.4	.3	A1
761206	1323	2.84	38-54.56	122-40.58	6.96	1.42	13	87	3.3	.11	.6	.9	A1
761206	16 6	58.50	38-54.11	122-40.75	5.00	1.51	22	106	4.2	.21	.8	1.5	B1
761206	17 4	45.66	38-49.50	122-46.75	3.14	1.37	18	51	3.0	.12	.4	.2	A1
761206	1710	2.69	38-53.65	122-40.28	5.00	1.64	19	115	4.5	.26	1.0	2.8	B1
761206	1711	12.03	38-53.97	122-41.33	8.54	.80	10	95	4.1	.16	1.0	1.7	B1
761206	2351	54.82	38-40.63	122-46.85	6.60	1.56	20	77	4.4	.17	.6	1.4	B1
761207	5 2	30.73	38-54.12	122-40.28	3.91	1.15	11	117	4.1	.13	.7	.9	B1
761207	712	2.46	38-48.72	122-48.13	2.26	1.06	9	82	3.8	0.06	0.3	0.2	A1
761207	1440	46.07	38-48.89	122-48.65	4.07	.73	9	87	3.0	.30	1.5	1.5	B1
761208	642	0.91	38-50.88	122-42.32	3.95	1.13	7	132	2.1	0.14	1.2	0.9	B1
761208	12 2	50.15	38-48.31	122-47.53	1.34	1.11	13	72	3.2	.11	.4	.3	A1
761208	12 3	10.41	38-48.20	122-47.54	1.35	1.02	9	77	3.2	0.10	0.4	0.5	A1
761210	842	45.14	38-30.77	122-44.74	6.20	2.09	37	52	4.6	0.20	0.5	1.2	B1
761210	1018	44.90	38-48.80	122-47.94	2.08	1.00	8	124	3.9	0.06	0.3	0.3	B1
761210	2341	18.58	38-47.52	122-48.30	2.02	.77	8	89	3.3	.05	.3	.2	A1
761211	246	7.02	38-49.30	122-47.46	1.59	1.00	10	79	3.6	.06	.2	.3	A1
761212	833	15.29	38-49.56	122-52.13	.88	1.18	17	60	2.3	.16	.5	.4	B1
761212	2004	55.09	38-48.68	122-47.42	2.08	1.60	23	49	3.1	.28	.4	.3	A1
761212	2345	51.09	38-48.90	122-47.09	2.10	1.10	13	56	2.8	.13	.3	.2	A1
761213	607	3.07	38-48.76	122-48.24	2.51	1.50	18	52	3.6	.22	.3	.2	A1
761214	515	26.53	38-49.09	122-48.16	2.14	1.14	15	80	3.6	.09	.3	.2	A1
761214	538	42.43	38-49.31	122-47.60	2.17	.81	10	80	3.8	.06	.2	.2	A1
761214	724	10.79	38-48.86	122-47.93	2.21	.80	10	77	3.9	.09	.4	.3	A1
761215	7 1	16.39	38-48.67	122-48.23	2.40	0.98	13	71	3.7	0.10	0.4	0.3	A1
761215	13 3	15.32	38-48.93	122-48.09	4.03	1.04	11	88	3.7	0.12	0.6	0.8	A1
761215	1335	23.38	38-48.50	122-48.01	3.51	0.97	11	76	3.9	0.07	0.4	0.3	A1
761215	19 6	38.67	38-47.87	122-48.66	1.21	1.03	10	86	4.0	.14	.3	.2	A1
761215	1951	34.85	38-47.54	122-48.29	2.21	1.04	14	73	3.3	.09	.3	.2	A1

DATE	HRMN	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N	GAP	DMIN	RMS	ERH	ERZ	QM
761025	501	40.70	38-48.99	122-47.97	2.71	1.40	17	47	3.9	.12	.4	.3	A1
761025	1205	59.48	38-31.61	122-36.78	5.52	1.30	16	118	.9	.20	.9	1.4	B1
761025	019	37.20	38-48.88	122-48.13	3.51	0.95	9	87	3.7	0.12	0.7	0.7	A1
761025	411	7.76	38-47.71	122-47.45	2.14	1.20	11	75	3.0	.14	.5	.4	A1
761025	1024	30.75	38-48.77	122-48.53	2.17	1.23	16	52	3.2	.09	.3	.2	A1
761026	1910	6.54	38-48.58	122-48.91	.46	1.28	11	70	3.9	.27	.9	1.1	B1
761027	642	6.71	38-48.20	122-48.65	.55	.80	12	71	3.6	.27	.9	.9	B1
761027	9	2.70	38-49.16	122-47.73	2.09	0.55	9	87	3.8	0.11	0.5	0.5	A1
761027	1349	10.43	38-48.69	122-49.36	1.25	.55	8	91	2.3	.07	.3	.3	B1
761028	234	17.92	38-49.16	122-48.18	2.92	1.67	19	81	4.4	.13	.4	.3	A1
761029	1831	44.11	38-48.96	122-47.86	2.12	1.99	24	42	3.9	.10	.2	.2	A1
761029	1832	32.40	38-48.74	122-47.86	2.24	1.07	9	83	3.8	.08	.4	.3	A1
761031	901	10.09	38-49.14	122-47.48	2.03	1.10	12	78	3.5	.13	.3	.2	A1
761031	1333	32.97	38-48.98	122-48.24	2.63	1.40	20	47	3.5	.12	.4	.3	A1
761101	1640	57.05	38-47.87	122-48.14	3.48	1.59	18	62	3.6	.11	.4	.4	A1
761102	340	24.66	38-48.55	122-47.70	1.96	1.89	21	57	3.5	.10	.3	.2	A1
761102	823	9.28	38-51.44	122-49.16	2.60	1.63	12	108	4.2	.12	.5	.4	B1
76112	1658	40.09	38-47.76	122-48.56	2.74	.90	12	67	3.8	.09	.5	.3	A1
761105	656	39.47	38-59.03	122-38.66	3.94	1.42	10	152	5.5	0.12	0.8	0.7	B1
761105	1133	25.07	38-48.54	122-48.75	3.02	.72	9	94	3.1	.04	.2	.1	B1
761105	2052	25.35	38-48.15	122-48.96	1.85	1.13	14	58	3.4	.18	.6	.4	B1
761105	545	10.15	38-48.49	122-49.19	1.51	1.31	18	50	2.7	.17	.4	.4	B1
761108	3	47.92	38-48.83	122-48.24	3.54	1.97	28	47	3.6	0.14	.4	0.3	A1
761108	432	0.27	38-49.27	122-48.08	0.88	1.02	10	81	3.6	0.07	0.3	0.3	A1
761108	645	58.83	38-49.50	122-47.45	1.41	1.14	15	81	3.8	0.16	0.5	0.5	B1
761108	719	40.56	38-49.03	122-47.64	2.71	0.84	8	86	3.6	0.03	0.2	0.1	A1
761108	1440	39.82	38-48.99	122-48.32	1.84	0.94	11	80	3.4	0.05	0.2	0.2	A1
761109	253	.57	38-49.31	122-48.59	.82	1.30	17	44	2.9	.14	.4	.4	A1
761109	622	11.15	38-48.06	122-47.77	1.52	1.10	12	78	3.6	.15	.5	.6	B1
761109	622	37.27	38-48.21	122-47.94	2.43	1.07	10	72	3.8	.09	.3	.3	A1
761109	627	4.95	38-48.16	122-47.64	2.13		9	78	3.4	.15	.6	.6	A1
761110	233	37.79	38-48.55	122-48.38	0.07	0.97	11	67	3.6	0.37	1.1	1.6	B1
761110	714	10.73	38-32.62	122-35.24	5.00	1.08	17	127	3.1	0.21	1.1	1.9	B1
761110	1717	57.29	38-48.67	122-48.07	4.00	.66	7	81	3.9	.06	.5	.6	A1
761110	2027	5.91	38-49.04	122-47.54	1.39	1.31	12	82	3.5	.15	.5	.5	A1
761111	128	32.84	38-48.01	122-48.95	1.45	.77	10	60	3.6	.09	.4	.3	A1
761112	1550	21.49	38-35.12	122-48.76	4.31	1.32	23	60	8.7	.16	.5	1.0	B1
761112	1726	34.36	38-57.13	122-40.28	4.49	1.22	12	164	1.5	.18	1.2	1.5	C1
761112	2251	9.17	38-48.85	122-47.70	2.22	1.40	22	44	3.6	.10	.2	.2	A1
761113	216	11.14	38-56.07	122-39.65	0.10	1.50	16	93	0.9	0.86	2.9	3.1	C1
761113	256	30.72	38-56.80	122-41.26	3.79	1.16	11	150	1.8	.23	1.5	.9	C1
761113	318	57.18	38-56.72	122-40.89	3.70	1.21	12	158	1.3	.15	1.0	.6	C1
761113	347	23.03	38-56.98	122-40.28	2.16	1.13	13	85	1.2	.20	.8	.6	B1
761113	413	22.16	38-56.76	122-41.13	3.50	1.60	12	151	1.6	0.19	1.2	0.7	C1
761113	446	57.97	38-57.10	122-40.28	2.22	1.05	9	130	1.5	.19	1.1	.7	B1

DATE	HRMN	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N	GAP	DMIN	RMS	ERH	ERZ	QM	
761216	157	43.72	38-48.59	122-49.79	1.20	.65	10	99	2.0	.08	.3	.3	B1	
761216	13	54.01	38-48.64	122-46.43	1.49	1.04	10	71	1.7	.09	.4	.3	A1	
761217	446	1.02	38-41.16	122-50.16	5.00	.81	9	142	7.6	.15	1.3	2.8	C1	
761217	722	8.99	38-48.28	122-47.31	1.50	1.77	20	64	2.9	.11	.3	.2	A1	
761217	2134	48.11	38-48.27	122-47.29	1.46	1.15	10	77	2.9	.07	.2	.3	A1	
761217	2136	25.47	38-48.45	122-47.51	1.21	2.95	12	39	3.2	.19	.4	.4	B1	
761217	2139	38.44	38-48.88	122-47.90	2.29	1.66	21	57	3.9	.08	.2	.2	A1	
761217	2210	44.39	38-48.28	122-47.28	1.69	2.17	30	39	2.8	.10	.2	.2	A1	
761217	2332	55.17	38-48.16	122-47.32	1.54	1.87	24	60	2.9	.11	.3	.2	A1	
761217	2355	32.91	38-48.33	122-47.34	1.39	1.49	17	60	2.9	.10	.3	.2	A1	
761217	2357	12.59	38-40.18	122-47.60	1.34	1.04	10	77	3.3	.10	.3	.4	A1	
761218	034	6.12	38-48.34	122-47.57	2.09	.89	9	73	3.3	.08	.3	.3	A1	
761218	811	3.22	38-48.51	122-48.65	2.64	1.02	11	64	3.3	.03	.2	.1	A1	
761218	14	2	16.83	38-47.09	5.00	1.04	12	69	3.2	.14	.7	1.5	A1	
761218	1527	40.50	38-48.56	122-48.04	1.64	1.13	12	69	4.0	.10	.3	.3	A1	
761218	19	4	51.16	38-47.98	122-48.61	2.12	1.12	11	63	3.9	0.04	0.1	0.1	A1
761219	1004	40.25	38-49.48	122-47.15	3.44	1.70	13	103	3.4	.24	1.1	.6	B1	
761219	1314	6.10	38-47.94	122-49.22	1.38	0.76	9	71	3.8	0.05	0.2	0.2	A1	
761219	1322	36.29	38-41.75	122-54.33	4.24	1.28	26	67	9.3	0.23	0.6	1.1	B1	
761219	1424	16.05	38-49.07	122-48.12	3.73	0.88	10	89	3.6	0.13	0.7	0.6	A1	
761220	646	23.74	38-49.24	122-47.94	2.12	.59	9	90	3.8	.08	.4	.3	A1	
761220	7	3	49.53	38-49.16	122-47.63	1.64	.64	9	87	.09	.3	.4	A1	
761220	930	20.97	38-49.27	122-47.60	1.49	1.18	13	79	3.7	.09	.3	.3	A1	
761220	932	42.33	38-49.07	122-47.77	2.77	.77	9	87	3.8	.10	.4	.4	A1	
761220	933	32.68	38-49.15	122-47.64	2.73	.65	9	87	3.7	.05	.3	.2	A1	
761220	950	54.38	38-49.28	122-47.65	1.57	.61	9	88	3.8	.09	.4	.4	A1	
761220	1015	55.54	38-49.16	122-47.71	2.71	.92	9	87	3.8	.08	.4	.3	A1	
761220	1145	6.15	38-48.93	122-47.79	1.47	1.01	10	86	3.7	.11	.4	.4	A1	
761220	1230	30.24	38-49.21	122-47.69	2.16	.72	9	88	3.8	.09	.4	.4	A1	
761221	648	42.80	38-48.49	122-48.53	3.04	1.04	11	78	3.5	.09	.4	.3	A1	
761222	042	18.67	38-49.70	122-47.53	1.38	3.07	33	36	4.1	.15	.3	.3	B1	
761222	149	11.74	38-49.56	122-47.78	.98	1.59	15	82	4.0	.12	.3	.3	A1	
761222	2	4	27.02	38-51.13	122-50.97	2.21	1.05	10	146	3.1	1.0	.7	C1	
761222	726	14.25	38-49.21	122-47.80	.60	1.58	19	41	3.9	.11	.3	.3	A1	
761222	841	11.04	38-48.59	122-48.34	1.90	1.05	10	78	3.6	.08	.3	.2	A1	
761222	1030	33.87	38-47.98	122-48.32	1.87	.93	9	73	4.0	.05	.2	.2	A1	
761222	1059	40.89	38-48.09	122-46.78	3.76	.97	8	87	2.2	.06	.4	.3	A1	
761222	1325	47.94	38-55.62	122-45.84	4.91	1.31	11	96	3.5	.10	.5	1.0	B1	
761222	1328	2.30	38-49.23	122-47.76	1.04	1.01	10	88	3.9	.08	.3	.3	A1	
761222	1726	5.01	38-48.66	122-50.18	1.77	1.27	14	46	1.8	.08	.3	.2	A1	
761222	2112	27.96	38-49.07	122-47.94	2.03	2.24	33	37	3.9	.15	.3	.3	A1	
761222	2141	37.21	38-49.09	122-47.86	2.41	1.36	16	49	3.9	.09	.3	.2	A1	
761223	123	53.71	38-47.94	122-48.68	2.61	2.90	35	32	3.9	.16	.3	.3	B1	
761223	1910	18.49	38-49.16	122-47.95	2.27	2.44	27	38	3.8	.11	.3	.2	A1	
761225	1630	17.96	38-47.61	122-49.42	1.77	.89	7	93	3.5	.10	.2	.2	A1	

DATE	HRMN	SEC	LATITUDE	LONGITUDE	DEPTH	MAG	N	GAP	DMIN	RMS	ERH	ERZ	OM
761225	2022	34.41	38-47.94	122-46.47	2.63	.94	8	92	1.8	.09	.5	.3	RI
761226	1153	44.20	38-48.21	122-46.79	2.87	1.06	8	85	2.2	.07	.4	.2	AI
761226	1318	24.19	38-31.15	122-44.93	2.73	1.21	10	69	4.2	.11	.5	.4	AI
761227	254	56.89	38-48.30	122-49.62	1.27	2.06	30	33	2.6	.10	.2	.2	AI
761227	1238	17.26	38-49.40	122-49.15	1.35	1.22	18	45	2.1	.11	.3	.2	AI
761228	1136	20.21	38-48.27	122-49.72	1.08	1.65	19	44	2.5	.10	.3	.3	AI
761228	1941	22.75	38-47.41	122-48.29	2.98	1.10	9	76	3.1	.08	.3	.2	AI
761229	113	54.85	38-31.90	122-37.54	4.88	1.30	17	102	2.1	.24	1.0	1.7	RI
761230	557	8.86	38-48.53	122-43.18	.87	1.39	18	49	2.7	.10	.3	.2	AI
761230	837	50.39	38-48.59	122-46.84	2.34	1.61	24	43	2.3	.14	.3	.2	AI
761230	1828	40.90	38-48.15	122-46.44	1.88	1.00	9	90	1.7	.12	.4	.6	AI
761230	2157	40.48	38-49.06	122-47.59	1.97	1.00	7	110	3.6	.07	.3	.4	BI
761230	2358	55.84	38-49.20	122-47.63	2.12	1.45	10	87	3.7	0.08	0.3	0.3	AI
761231	22	12.36	38-48.45	122-48.71	2.84	1.00	9	72	3.3	.06	.2	.1	AI
761231	122	12.91	38-48.66	122-48.96	.00	.70	7	97	2.8	.08	.4	99.0	CI
761231	148	24.45	38-48.36	122-48.83	.00	.80	8	99	3.2	.11	.5	99.0	CI
761231	657	29.26	38-48.88	122-49.93	.00	.80	9	129	1.4	.16	.6	1.5	BI
761231	708	30.57	38-48.50	122-48.74	3.31	1.20	9	81	3.2	.13	.5	.2	AI
761231	800	23.26	38-49.13	122-47.67	2.54	.80	8	92	3.7	.07	.3	.3	BI
761231	1346	32.01	38-48.82	122-48.64	.00	1.30	12	74	3.0	.18	.4	.7	BI
761231	16	6	12.54	38-57.19	4.73	1.47	6	167	7.9	.05	.6	2.2	CI
761231	1851	36.31	38-47.99	122-48.02	.85	1.26	11	72	3.8	.09	.3	.4	AI