

APPENDIX 3

SEISMIC EVENT CATALOG FOR THE GREATER DIXIE VALLEY PROJECT AREA -
38.7°N TO 40.3°N AND 117°W TO 119°W FOR THE PERIOD 1872-2010

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¹identified by UNR analysts as explosions within 38.7°N - 40.3° N and 119°W -117°W

Table 1. Seismic Event Catalog (1872-1999)

Area: 38.7°N to 40.3°N, 117°W to 119°W

Time period: 1872-1999

Sources:

The United States Geological Survey (USGS) / Preliminary Determination of Epicenters (PDE);

The USGS USHIS-historical catalog;

The Nevada Seismological Laboratory (NSL)/University of Nevada, Reno (UNR) catalog;

The columns represent, in order:

- 1) CATALOG (Catalog);
- 2) YYYY (Year)
- 3) MM (M)
- 4) DD (D)
- 5) ORIG_TIME (HHMMSS) (Time)
- 6) LATITUDE(DEG)(Lat)
- 7) LONGITUDE(DEG)(Long)
- 8) DEPTH(km) (Depth)
- 9) MAGNITUDE (Mag)
- 10) MAGNITUDE _TYPE_AND_SOURCE (Source)

"XX" represents unknown values

<u>Catalog</u>	<u>Year</u>	<u>M</u>	<u>D</u>	<u>Time</u>	<u>Lat</u>	<u>Long</u>	<u>Mag</u>	<u>Source</u>
USHIS	1872	03	23	214100	40.00	-117.50	5.5	FASJG
USHIS	1873	11	05	170000	40.00	-118.00	5.5	FASJG
USHIS	1903	XX	XX	XXXXXX	39.50	-118.10	XX	XXXX
USHIS	1917	04	11	185955	40.00	-118.00	5.1	MLSJG
USHIS	1932	12	21	061005	38.75	-118.00	7.2	MSGR
USHIS	1932	12	22	074930	38.75	-118.00	4.5	UKJON
USHIS	1932	12	22	103415	38.75	-118.00	4.9	MLSJG
USHIS	1932	12	23	2006	38.75	-118.00	4.5	UKJON
USHIS	1932	12	24	124049	38.80	-118.00	5.0	MLSJG
USHIS	1932	12	25	035445	38.80	-118.00	5.5	MLSJG
USHIS	1932	12	25	183635	38.80	-118.00	4.5	MLSJG
USHIS	1932	12	26	0503	38.75	-118.00	5.3	MLSJG
USHIS	1932	12	28	030755	38.80	-118.00	4.6	MLSJG
USHIS	1932	12	29	062028	38.80	-118.00	5.2	MLSJG
USHIS	1932	12	29	063803	38.80	-118.00	5.0	MLSJG
USHIS	1932	12	29	064508	38.80	-118.00	5.0	MLSJG
USHIS	1932	12	30	041752	38.80	-118.00	4.6	MLSJG
USHIS	1932	12	30	160310	38.80	-118.00	4.6	MLSJG
USHIS	1933	01	02	154408	38.80	-118.00	4.5	MLSJG
USHIS	1933	01	02	170644	38.80	-118.00	4.7	MLSJG
USHIS	1933	01	04	010115	38.80	-118.00	5.1	MLSJG
USHIS	1933	01	05	065020	38.75	-118.00	5.7	MSGR

<u>Catalog</u>	<u>Year</u>	<u>M</u>	<u>D</u>	<u>Time</u>	<u>Lat</u>	<u>Long</u>	<u>Mag</u>	<u>Source</u>
USHIS	1933	01	06	130556	39.00	-117.80	5.1	MLSJG
USHIS	1933	01	06	1333	39.00	-118.00	4.5	MLSJG
USHIS	1933	01	11	172938	38.90	-117.80	5.2	MLSJG
USHIS	1933	01	17	010208	38.80	-118.00	4.8	MLSJG
USHIS	1933	02	13	220845	38.70	-117.90	5.5	MLSJG
USHIS	1933	03	12	204420	38.80	-117.60	5.0	MLSJG
USHIS	1933	04	30	161650	39.80	-118.10	4.5	MLSJG
USHIS	1933	06	11	083431	38.80	-117.50	5.2	MLSJG
USHIS	1933	07	17	205714	39.20	-118.15	4.6	MLSJG
USHIS	1933	10	27	105854	38.90	-117.60	5.5	MLSJG
USHIS	1936	01	14	052911	39.50	-117.50	4.6	MLSJG
USHIS	1936	03	26	224340	39.10	-117.90	4.5	MLSJG
USHIS	1936	07	02	1629	39.20	-117.50	5.0	FAWOO
USHIS	1936	09	21	0731	40.25	-117.38	4.5	MLPAS
USHIS	1950	10	23	081246	39.50	-117.50	4.5	MLBRK
USHIS	1952	11	18	040408	39.80	-117.70	4.6	MLBRK
USHIS	1954	07	06	111320	39.42	-118.53	6.8	MLBRK
USHIS	1954	07	06	111804	39.42	-118.53	5.5	MLBRK
USHIS	1954	07	06	112655	39.42	-118.53	4.8	MLBRK
USHIS	1954	07	06	1141	39.42	-118.53	4.5	MLBRK
USHIS	1954	07	06	1149	39.42	-118.53	5.7	MLBRK
USHIS	1954	07	06	125359	39.42	-118.53	4.5	MLBRK
USHIS	1954	07	06	131511	39.42	-118.53	5.2	MLBRK
USHIS	1954	07	06	133601	39.42	-118.53	4.5	MLBRK
USHIS	1954	07	06	145515	39.42	-118.53	4.5	MLBRK
USHIS	1954	07	06	220741	39.30	-118.50	6.0	MLBRK
USHIS	1954	07	07	061108	39.42	-118.53	4.6	MLBRK
USHIS	1954	07	08	021355	39.42	-118.53	4.8	MLBRK
USHIS	1954	07	08	040819	39.42	-118.53	4.5	MLBRK
USHIS	1954	07	08	125510	39.42	-118.53	4.7	MLBRK
USHIS	1954	07	08	193157	39.42	-118.53	5.3	MLBRK
USHIS	1954	07	09	085003	39.42	-118.53	4.9	MLBRK
USHIS	1954	07	10	012220	39.42	-118.53	4.6	MLBRK
USHIS	1954	07	11	0704	39.42	-118.53	4.6	MLBRK
USHIS	1954	07	11	095812	39.42	-118.53	4.6	MLBRK
USHIS	1954	07	12	101706	39.42	-118.53	4.5	MLBRK
USHIS	1954	07	12	160525	39.42	-118.53	4.6	MLBRK
USHIS	1954	07	30	020010	39.42	-118.53	5.1	MLBRK
USHIS	1954	07	31	172414	39.42	-118.53	4.5	MLBRK
USHIS	1954	08	02	101853	39.42	-118.53	5.4	MLBRK
USHIS	1954	08	03	212454	39.42	-118.53	4.7	MLBRK
USHIS	1954	08	05	050308	39.42	-118.53	4.7	MLBRK
USHIS	1954	08	24	055132	39.58	-118.45	6.8	MLBRK

<u>Catalog</u>	<u>Year</u>	<u>M</u>	<u>D</u>	<u>Time</u>	<u>Lat</u>	<u>Long</u>	<u>Depth</u>	<u>Mag</u>	<u>Source</u>
USHIS	1954	08	24	055746	39.58	-118.45		5.2	MLBRK
USHIS	1954	08	25	021713	39.58	-118.45		4.8	MLBRK
USHIS	1954	08	25	222110	39.58	-118.45		4.7	MLBRK
USHIS	1954	08	26	125615	39.58	-118.45		4.6	MLBRK
USHIS	1954	08	29	034106	39.58	-118.45		4.7	MLBRK
USHIS	1954	08	29	035805	39.58	-118.45		4.8	MLBRK
USHIS	1954	08	31	222032	39.58	-118.45		5.8	MLBRK
USHIS	1954	09	01	051846	39.58	-118.45		5.5	MLBRK
USHIS	1954	09	09	092105	39.58	-118.45		4.9	MLBRK
USHIS	1954	12	16	110711	39.28	-118.12	15	7.2	MLBRK
USHIS	1954	12	16	111134	39.80	-118.10	40	7.1	MLBRK
USHIS	1954	12	16	115036	39.28	-118.12		5.0	MLBRK
USHIS	1954	12	16	115730	39.28	-118.12		5.0	MLBRK
USHIS	1954	12	16	131503	39.28	-118.12		5.0	MLBRK
USHIS	1954	12	16	141657	39.28	-118.12		5.8	MLBRK
USHIS	1954	12	16	142410	39.28	-118.12		5.3	MLBRK
USHIS	1954	12	16	150942	39.28	-118.12		5.1	MLBRK
USHIS	1954	12	16	214843	39.28	-118.12		4.5	MLBRK
USHIS	1954	12	17	101526	39.28	-118.12		4.5	MLBRK
USHIS	1954	12	17	103329	39.28	-118.12		4.7	MLBRK
USHIS	1954	12	17	202706	39.28	-118.12		5.0	MLBRK
USHIS	1954	12	18	014536	39.28	-118.12		4.7	MLBRK
USHIS	1954	12	20	173647	39.28	-118.12		5.0	MLBRK
USHIS	1955	01	01	121354	39.00	-118.00		5.1	MLBRK
USHIS	1955	01	05	082040	39.00	-118.00		XX	XXXXXX
USHIS	1955	01	09	091050	39.00	-118.00		5.0	MLBRK
USHIS	1955	01	11	102140	39.00	-118.00		4.7	MLBRK
USHIS	1955	01	19	021010	39.35	-118.25		4.6	MLBRK
USHIS	1955	01	25	232646	39.00	-118.00		4.7	MLBRK
USHIS	1955	02	11	161232	39.47	-118.10		4.7	MLBRK
USHIS	1955	02	19	235007	39.30	-117.80		4.8	MLBRK
USHIS	1955	03	08	200517	39.20	-118.55		4.5	MLBRK
USHIS	1955	03	11	142316	39.30	-118.10		4.5	MLBRK
USHIS	1955	03	13	084104	39.57	-118.05		4.6	MLBRK
USHIS	1955	03	14	182347	39.42	-118.25		4.7	MLBRK
USHIS	1955	05	08	103831	38.93	-118.12		4.5	MLBRK
USHIS	1955	05	30	212826	39.42	-118.00		4.5	MLBRK
USHIS	1955	06	08	122211	38.88	-118.17		4.5	MLBRK
USHIS	1955	06	19	1920	38.97	-118.25		5.2	MLBRK
USHIS	1955	06	19	192516	39.00	-118.50		5.0	MLBRK
USHIS	1955	09	29	054051	39.22	-118.20		4.5	MLBRK
USHIS	1955	11	02	061517	39.50	-118.05		4.6	MLBRK
USHIS	1955	11	21	202533	39.42	-118.08		5.5	MLBRK

<u>Catalog</u>	<u>Year</u>	<u>M</u>	<u>D</u>	<u>Time</u>	<u>Lat</u>	<u>Long</u>	<u>Depth</u>	<u>Mag</u>	<u>Source</u>
USHIS	1955	12	22	120507	38.98	-118.70		4.8	MLBRK
USHIS	1955	12	22	120654	38.98	-118.70		4.6	MLBRK
USHIS	1955	12	31	135104	39.00	-118.03		4.5	MLBRK
USHIS	1956	03	08	072620	39.03	-118.07		4.6	MLBRK
USHIS	1956	07	26	095317	39.55	-118.45		5.1	MLBRK
USHIS	1957	10	17	101409	39.28	-118.43		4.6	MLBRK
USHIS	1959	03	23	071020	39.60	-118.02		6.3	MLBRK
USHIS	1959	05	21	175140	39.47	-118.12		4.8	MLBRK
USHIS	1959	06	23	1435	39.08	-118.82		6.1	MLBRK
USHIS	1959	06	23	150434	39.10	-118.80		5.5	MLBRK
USHIS	1961	07	04	110911	40.13	-118.60		5.0	MLBRK
USHIS	1961	08	04	165609.10	39.20	-117.40	12	4.5	MLBRK
USHIS	1962	07	20	090210	39.50	-118.20	33	4.7	MLBRK
USHIS	1964	03	22	163055.20	38.80	-118.70	16	5.5	MLBRK
USHIS	1965	04	13	131422.10	38.90	-117.70	33	4.6	MLBRK
USHIS	1968	05	29	114107.10	39.07	-118.05	3	4.9	MLBRK
PDE	1975	07	13	011630.60	39.55	-117.68	5	4.0	MLBRK
PDE	1975	07	13	013654	39.56	-117.64	5	4.2	MLBRK
PDE	1976	04	02	125635.50	39.57	-117.67	5	4.1	MLBRK
PDE	1976	06	14	195710.90	39.01	-118.18	5	XX	XXXXX
PDE	1976	09	26	224437.20	39.37	-118.11	5	3.0	MLGS
PDE	1977	02	09	072404.60	39.21	-118.02	5	XX	XXXXX
PDE	1977	02	09	072408.30	39.20	-118.04	5	3.7	MLBRK
PDE	1978	01	13	033936	39.42	-117.57	5	4.1	MLBRK
PDE	1978	01	24	224525.80	39.07	-118.07	5	3.0	MLGS
PDE	1978	02	14	043522.50	39.62	-117.13	5	4.8	MLBRK
PDE	1978	02	15	092531	39.56	-118.44	10	3.7	MLBRK
PDE	1978	03	05	224617.20	38.94	-117.99	5	4.6	MLBRK
PDE	1978	09	05	222850.30	38.98	-118.16	5	3.6	MLBRK
PDE	1980	09	21	044946.40	38.87	-118.80	5	3.1	MLPAS
PDE	1981	12	01	161850	38.62	-118.19	11	4.5	MLBRK
PDE	1981	12	07	074751.60	38.67	-118.22	6	4.1	MLBRK
PDE	1981	12	13	01XXXX	38.67	-118.24	5	3.7	MLBRK
PDE	1981	12	19	205652.90	38.63	-118.21	17	4.4	MLBRK
PDE	1982	01	28	224844.64	38.62	-118.21	5	3.8	MLBRK
PDE	1982	01	28	225043.62	38.62	-118.09	5	4.3	MLBRK
PDE	1982	01	28	225903.56	38.61	-118.18	5	3.7	MLBRK
PDE	1983	07	21	234052.65	39.07	-118.18	5	3.3	MLGS
PDE	1984	02	16	111457.53	39.93	-117.76	8	5.2	MLBRK
PDE	1984	02	19	102241.29	39.98	-117.82	10	4.0	MLGS
PDE	1987	03	16	165105.92	39.65	-118.23	5	3.5	MLGS
PDE	1987	03	25	154839.15	40.14	-117.69	5	4.2	MLBRK
PDE	1987	03	25	160132.21	40.14	-117.69	5	4.2	MLBRK

<u>Catalog</u>	<u>Year</u>	<u>M</u>	<u>D</u>	<u>Time</u>	<u>Lat</u>	<u>Long</u>	<u>Depth</u>	<u>Mag</u>	<u>Source</u>
PDE	1987	03	25	161102.06	40.12	-117.74	10	3.8	MLBRK72
PDE	1988	07	01	020003.94	39.47	-118.47	0	3.3	MDREN40
PDE	1988	09	20	001609.66	38.96	-118.18	0	3.5	MDREN61
PDE	1988	09	23	154855.62	38.96	-118.17	0	3.5	MDREN62
PDE	1988	10	27	031632.91	39.03	-117.99	0	3.5	MDREN52
PDE	1988	12	04	123358.19	39.32	-118.16	0	3.0	MDREN24
PDE	1988	12	30	174136.95	39.09	-118.10	9	3.0	MDREN46
PDE	1989	02	15	053135.86	39.30	-117.34	5	3.6	MDREN
PDE	1989	02	18	140245.03	39.23	-117.33	10	3.3	MDREN65
PDE	1989	02	22	092859.01	39.26	-117.40	4	2.9	MDREN58
PDE	1989	02	22	094944.61	39.23	-117.34	0	3.5	MDREN64
PDE	1989	05	28	103344.55	39.52	-117.83	5	2.5	MLBRK14
PDE	1989	09	25	121503.59	39.58	-119.11	5	2.7	MLBRK95
PDE	1991	02	07	161655.74	39.49	-119.13	5	2.9	MDGM96
PDE	1992	02	28	124202.24	39.63	-118.28	5	3.0	MLGS27
PDE	1992	07	20	172221.07	39.30	-119.13	5	3.0	MLGS99
PDE	1992	07	20	173440.65	39.45	-119.09	5	2.8	MLGS93
PDE	1992	07	20	173605.38	39.44	-119.12	5	3.5	MLGS
PDE	1992	07	20	190657.11	39.33	-119.10	5	3.8	MLGS
PDE	1992	07	20	191547.61	39.43	-119.07	5	2.9	MLGS92
PDE	1992	07	20	200931.52	39.31	-119.11	5	4.3	MLBRK97
PDE	1992	07	21	115820.31	39.45	-119.06	5	2.9	MLGS91
PDE	1992	07	21	130142.52	39.44	-119.09	5	2.8	MLGS
PDE	1992	09	06	093548.68	39.35	-117.95	5	3.1	MLGS17
PDE	1993	03	01	123625.85	39.44	-118.54	5	2.8	MLGS46
PDE	1993	03	05	125413.71	39.22	-118.50	5	2.7	MLGS52
PDE	1993	05	17	084502.67	39.59	-118.06	5	4.0	MLBRK
PDE	1994	06	17	222610.11	38.93	-118.01	5	3.2	MLGS63
PDE	1995	03	04	171554.77	39.55	-118.11	5	3.5	MLGS10
PDE	1995	05	08	181945.33	38.68	-118.43	8	3.8	MLBRK98
PDE	1995	06	20	074101.28	38.80	-118.70	0	2.9	MLGS98
PDE	1995	07	27	004745.54	38.84	-118.10	5	3.1	MLGS73
PDE	1995	08	02	142707.25	38.84	-118.06	5	3.1	MLGS73
PDE	1995	09	22	144721.29	38.74	-118.58	19	4.8	MLBRK97
PDE	1996	02	29	124319.20	39.92	-117.90	5	3.5	MLGS47
PDE	1996	03	31	141250.56	38.82	-117.93	5	3.3	MLGS75
PDE	1996	08	06	062932.42	38.79	-118.71	5	3.5	MLGS99
PDE	1997	06	28	141251.67	39.73	-118.07	5	3.5	MLGS25
PDE	1997	06	30	223527.05	39.68	-118.07	5	3.5	MLGS20
PDE	1998	01	08	134138.38	39.55	-117.49	5	3.7	MLGS44
PDE	1998	09	04	145222	38.79	-117.97	15	3.4	MLGS78
PDE	1998	09	21	194556.47	39.65	-118.15	10	3.3	MLGS21
PDE	1998	12	12	062512	39.70	-118.01	14	3.5	MLGS22

<u>Catalog</u>	<u>Year</u>	<u>M</u>	<u>D</u>	<u>Time</u>	<u>Lat</u>	<u>Long</u>	<u>Depth</u>	<u>Mag</u>	<u>Source</u>
PDE	1999	03	18	040139	39.69	-118.03	11	3.0	MDREN21
PDE	1999	03	18	040537	39.69	-118.03	10	3.1	MDREN21
PDE	1999	03	18	151239	39.69	-118.03	11	3.3	MDREN21
PDE	1999	04	19	123658	39.70	-117.97	14	4.1	MLGS22
PDE	1999	06	02	095847.63	39.64	-117.82	5	3.0	MLGS22
PDE	1999	09	28	004724	39.68	-118.03	10	2.9	MDREN20
PDE	1999	10	20	004611	39.23	-117.34	11	3.2	MLGS64
PDE	1999	12	12	181238	39.69	-118.29	11	4.5	MLBRK

Baseline Conceptual Model

Table 2. Seismic Event Catalog (2000-2010)**Time period:** 1999-2010

The columns represent, in order:

- 1) CATALOG (Catalog);
- 2) YYYY (Year)
- 3) MM (M)
- 4) DD (D)
- 5) ORIG_TIME (HHMMSS.XX) (Time)
- 6) LATITUDE(DEG)(Lat)
- 7) LONGITUDE(DEG)(Long)
- 8) DEPTH (km) (Depth)
- 9) LOCAL MAGNITUDE (Mag)- the empty spaces show that no magnitude could be estimated for the respective event

<u>Catalog</u>	<u>Year</u>	<u>M</u>	<u>D</u>	<u>Time</u>	<u>Lat</u>	<u>Long</u>	<u>Depth</u>	<u>Mag</u>
UNR	2000	01	01	1044 27.5530	39.7167	-118.0177	11.6110	2.00
UNR	2000	01	01	1736 51.4580	39.6806	-118.0520	8.8500	2.00
UNR	2000	01	02	1951 51.0520	39.3085	-118.6075	0.0000	1.96
UNR	2000	01	04	1245 10.5180	39.6235	-118.0595	13.5358	2.23
UNR	2000	01	10	1711 6.7560	39.3384	-118.1235	2.5493	2.23
UNR	2000	01	18	903 37.8840	39.0470	-118.1429	5.0130	1.89
UNR	2000	01	22	1417 3.4220	39.6629	-118.3231	0.0000	2.60
UNR	2000	01	28	339 46.0880	39.4372	-118.4509	14.9309	2.38
UNR	2000	01	28	357 42.2860	39.5538	-118.9515	7.9711	3.22
UNR	2000	01	28	1024 56.6810	39.6343	-118.9555	19.6384	1.52
UNR	2000	01	28	1311 51.3390	39.5371	-118.9863	8.1492	1.78
UNR	2000	01	28	2057 4.8800	39.5434	-118.9612	15.8336	2.47
UNR	2000	01	28	2154 2.5680	39.5344	-118.9931	8.6174	1.82
UNR	2000	01	31	2248 57.6040	39.5880	-118.9840	6.9878	1.64
UNR	2000	02	03	1256 50.2490	39.4958	-118.4429	0.0000	1.87
UNR	2000	02	09	2113 13.7110	39.5584	-118.9717	10.6792	2.23
UNR	2000	02	09	2113 54.5340	39.5515	-118.9560	7.8826	2.99
UNR	2000	02	10	1257 57.1700	39.0633	-118.1042	12.3907	1.94
UNR	2000	02	26	2129 14.3110	39.5687	-118.1654	7.5497	0.59
UNR	2000	04	09	1644 20.0940	39.8078	-118.5016	1.4338	1.96
UNR	2000	04	09	2051 23.7900	39.8130	-118.5068	0.0000	2.07
UNR	2000	04	13	2117 42.6330	39.5719	-118.3804	0.0000	2.61
UNR	2000	04	15	437 15.4150	39.5867	-118.0596	1.9972	1.92
UNR	2000	04	20	2240 32.2890	39.0210	-118.4290	10.0000	2.51
UNR	2000	04	26	802 8.5580	39.0829	-117.0902	0.0000	2.60
UNR	2000	04	29	910 30.9930	39.0804	-118.9286	9.9967	1.26
UNR	2000	05	15	2343 30.1200	39.3236	-118.2763	0.0000	2.76
UNR	2000	05	25	1746 25.0600	39.0237	-118.2682	10.0000	2.11
UNR	2000	05	25	2349 41.5390	39.7434	-118.5804	5.0000	2.85

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UNR	2000	06	03	411 29.9480	39.1916	-118.0442	14.3619	1.75
UNR	2000	06	10	428 52.6580	39.6995	-118.0410	3.1368	2.69
UNR	2000	07	03	1111 10.9780	39.3248	-118.9254	8.3283	1.60
UNR	2000	07	03	2008 50.3000	39.3014	-117.5708	0.0000	2.14
UNR	2000	07	05	2333 0.1090	39.0323	-117.6248	10.0000	2.10
UNR	2000	07	06	602 16.9640	39.2120	-117.0474	10.0000	2.33
UNR	2000	07	09	129 44.7150	39.8345	-118.4843	11.5678	2.22
UNR	2000	07	13	1859 18.5650	39.0721	-118.3661	5.0000	1.49
UNR	2000	07	23	246 6.5560	39.6731	-118.4304	10.5312	1.55
UNR	2000	08	05	508 31.2160	39.1951	-117.4946	0.1909	2.88
UNR	2000	08	05	1235 37.5910	39.2058	-117.4472	0.0000	2.18
UNR	2000	08	10	1245 23.3460	39.4542	-118.1011	6.3787	1.98
UNR	2000	08	27	2326 49.0510	39.8239	-118.2575	0.0000	2.60
UNR	2000	08	29	2109 1.1280	39.1069	-118.1462	6.2963	2.92
UNR	2000	08	31	451 33.0830	39.3758	-118.4771	11.2602	1.44
UNR	2000	09	05	2110 10.1250	39.5905	-118.3014	4.7055	2.09
UNR	2000	09	16	912 30.9140	39.0281	-118.2223	7.0327	1.45
UNR	2000	09	17	1430 39.8530	39.7003	-118.0245	11.2667	1.89
UNR	2000	09	25	2115 50.2100	39.0127	-118.7845	7.4400	1.20
UNR	2000	10	21	846 49.4390	39.3512	-118.0882	14.6726	1.83
UNR	2000	10	29	1451 16.6340	39.8921	-118.3169	3.9785	1.93
UNR	2000	11	08	943 57.4220	39.0007	-118.0935	12.7052	1.76
UNR	2000	11	17	1906 10.2980	39.0006	-118.1110	7.4202	2.66
UNR	2000	11	18	1841 50.6690	39.7605	-118.0585	7.9685	3.82
UNR	2000	11	22	202 20.3440	39.0210	-118.4015	12.0419	2.75
UNR	2000	11	29	510 16.9420	39.3881	-117.9675	10.0000	2.33
UNR	2000	11	29	638 42.4680	39.8335	-117.5092	10.0000	2.90
UNR	2000	12	03	404 34.4540	39.3291	-117.3136	3.9420	2.10
UNR	2000	12	07	651 11.3790	39.0909	-118.0659	0.0000	1.98
UNR	2000	12	07	2013 16.8340	39.0142	-118.1286	7.7190	2.37
UNR	2000	12	07	2014 29.3700	39.0261	-118.1542	6.2684	1.54
UNR	2000	12	13	1922 29.6960	39.6543	-118.4528	0.0000	2.22
UNR	2000	12	21	2132 50.0520	39.9734	-117.8459	17.6751	1.09
UNR	2000	12	25	321 35.2810	39.0024	-117.8323	7.6639	2.10
UNR	2000	12	29	1505 16.5250	39.6908	-118.1063	2.7383	1.91
UNR	2001	01	09	1134 35.1870	39.1753	-118.1068	6.8512	2.16
UNR	2001	01	12	802 16.7560	39.2387	-118.1296	0.9434	1.98
UNR	2001	01	12	1716 18.0330	39.0311	-118.0717	10.6536	2.08
UNR	2001	01	17	540 15.5390	39.2183	-118.0928	7.4623	1.98
UNR	2001	01	18	1813 29.2550	39.8986	-118.8300	15.1003	1.97
UNR	2001	01	19	1449 22.7050	39.9173	-118.8348	4.7909	2.23
UNR	2001	02	07	601 26.5660	39.5378	-118.0743	9.6065	1.79

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UNR	2001	02	13	2156 44.9460	39.6805	-118.0399	9.8172	2.24
UNR	2001	02	22	352 44.1090	39.4334	-117.7503	12.8373	2.31
UNR	2001	02	22	1458 15.0900	39.0502	-118.9794	16.8013	1.48
UNR	2001	03	12	1346 37.0060	39.0160	-118.2271	2.4373	1.42
UNR	2001	03	17	428 6.4320	39.5321	-118.0744	12.3469	2.01
UNR	2001	03	31	741 3.7730	39.6798	-118.3110	1.3456	2.25
UNR	2001	04	02	5 42.2770	39.2826	-117.5631	0.7271	2.13
UNR	2001	04	06	2305 3.8610	39.9596	-117.8610	2.6010	2.04
UNR	2001	04	25	422 16.6920	39.3578	-118.4174	5.3060	2.30
UNR	2001	05	10	919 10.9840	39.8801	-118.7859	0.0000	1.59
UNR	2001	06	01	33 23.2930	39.4228	-118.2029	0.4989	1.31
UNR	2001	06	13	113 23.0320	39.4370	-118.0700	11.0122	1.82
UNR	2001	06	15	1207 35.6620	39.6397	-118.4470	0.0000	1.66
UNR	2001	06	27	2024 31.3270	39.9875	-117.8478	0.0000	2.55
UNR	2001	08	01	800 47.0930	39.0222	-118.0754	4.8776	1.70
UNR	2001	08	08	2016 58.9130	39.0866	-118.0840	6.5509	1.97
UNR	2001	09	04	742 27.9130	39.0520	-118.1276	11.4787	2.10
UNR	2001	09	06	1008 5.6970	39.0392	-118.1225	1.9571	1.53
UNR	2001	09	07	346 29.4670	39.0719	-118.1128	9.3224	1.75
UNR	2001	09	13	2046 51.1470	39.2350	-118.0485	9.2545	2.17
UNR	2001	09	19	417 11.0300	39.2524	-118.1113	7.4550	2.34
UNR	2001	09	25	453 45.6750	39.0650	-118.0204	7.8875	1.95
UNR	2001	11	14	751 6.3090	39.0439	-118.2365	4.5820	1.64
UNR	2001	11	30	1438 15.5430	39.4931	-118.0366	7.6574	3.21
PDE	2001	12	19	081712.59	39.03	-118.11	8	3.1 MLREN
UNR	2002	01	01	343 28.5650	39.7145	-118.4429	9.1363	1.97
UNR	2002	01	01	2254 34.7520	39.0889	-118.2159	0.0000	2.02
UNR	2002	01	07	1513 34.3090	39.6523	-118.4746	3.4455	1.98
UNR	2002	1	10	1709 8.9090	39.1138	-118.0704	7.0110	3.31
UNR	2002	1	19	1956 9.0720	39.1119	-118.0260	3.7457	1.76
UNR	2002	1	26	752 52.2220	39.6270	-118.7208	15.2138	1.69
UNR	2002	1	31	1258 29.2110	39.0559	-118.1543	5.1785	2.73
UNR	2002	02	07	700 43.6820	39.6878	-118.2857	12.2270	2.34
UNR	2002	02	12	420 35.6270	39.0885	-118.0620	8.6757	2.11
UNR	2002	03	09	2136 7.0880	39.0619	-118.0944	9.3252	2.47
UNR	2002	03	12	1153 0.5040	39.7960	-118.0467	0.0000	2.06
UNR	2002	03	13	1006 8.6960	39.2988	-118.5265	15.1770	2.23
UNR	2002	03	23	945 43.9360	39.2807	-118.5429	14.1970	1.38
UNR	2002	03	23	945 44.3760	39.3064	-118.5607	0.0000	1.27
UNR	2002	04	04	0 17.1340	39.0544	-118.9555	14.0824	1.83
UNR	2002	04	24	1328 13.4580	39.7473	-117.9951	11.7396	1.82
UNR	2002	05	27	415 23.4320	39.0729	-118.0390	10.1784	1.06

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UNR	2002	06	10	6 47.2620	39.0850	-118.0556	9.7778	2.55
UNR	2002	06	30	2253 7.7130	39.6289	-118.2914	7.8466	1.71
UNR	2002	07	02	1642 12.5490	39.9385	-117.8846	0.9050	1.90
UNR	2002	08	06	1709 9.6030	39.0941	-118.0863	9.3450	1.68
UNR	2002	08	06	1752 35.0920	39.0888	-118.9889	10.2355	1.85
UNR	2002	08	22	2037 51.5930	39.8984	-118.3180	7.0549	1.81
UNR	2002	08	22	2038 32.5440	39.8725	-118.3523	3.3615	1.80
UNR	2002	08	22	2039 30.8310	39.8704	-118.3499	4.3429	1.85
UNR	2002	08	22	2040 32.3770	39.8784	-118.3414	6.8684	1.76
UNR	2002	08	23	1312 17.0040	39.4111	-118.2109	8.8038	1.93
UNR	2002	08	29	1344 58.1820	39.0000	-118.7540	0.0000	1.30
UNR	2002	08	30	203 43.4920	39.0013	-118.8022	10.9466	2.01
UNR	2002	08	30	2308 8.3620	39.3622	-117.4293	6.4712	1.21
UNR	2002	09	02	912 50.2860	39.9704	-117.8549	17.8463	0.48
UNR	2002	09	03	844 18.4330	39.0506	-118.1942	3.1703	1.13
UNR	2002	09	03	2126 31.7650	39.4057	-118.4752	12.5193	3.05
UNR	2002	09	03	2132 33.9930	39.4048	-118.4471	16.9092	1.77
UNR	2002	09	03	2134 7.3770	39.4042	-118.4538	13.8131	2.34
PDE	2002	09	03	212631.77	39.41	-118.47	12	3.0 MLREN
UNR	2002	09	07	221 36.8010	39.0237	-118.8683	4.9167	1.70
UNR	2002	09	09	2316 16.8190	39.0338	-118.0775	7.8860	2.35
UNR	2002	09	23	1154 33.5110	39.0598	-117.0112	0.5867	2.60
PDE	2002	10	21	223057.41	39.53	-119.15	10	3.7 MLBRK
UNR	2002	10	30	926 32.8200	39.3890	-118.4858	12.1545	1.69
UNR	2002	11	01	1120 33.3610	39.0626	-118.0705	5.7034	1.44
UNR	2002	11	27	1231 25.6120	39.9020	-118.9363	8.9077	1.60
UNR	2002	12	08	1830 3.0390	39.0721	-118.0788	9.0215	1.52
UNR	2002	12	15	230 20.4460	39.0466	-118.5086	10.3324	3.89
PDE	2002	12	15	023020.45	39.05	-118.51	10	3.9 MLREN
UNR	2002	12	23	637 35.1620	39.0472	-118.5126	12.3593	2.56
UNR	2003	01	07	941 32.9050	39.0406	-118.5226	0.0000	2.45
PDE	2003	01	10	005322.65	38.82	-117.98	6	2.8 MDNC
PDE	2003	01	23	214946.76	39.96	-117.86	6	4.2 MLREN
UNR	2003	01	23	2157 0.3430	39.9515	-117.8587	3.7353	2.13
UNR	2003	01	24	2021 50.6960	39.9406	-117.8591	12.9837	2.21
PDE	2003	01	25	024300.32	39.97	-117.88	5	3.6 MLREN
PDE	2003	01	25	024549.36	39.97	-117.87	7	3.8 MLREN
UNR	2003	01	25	736 5.7410	39.9507	-117.9033	9.9457	2.03
UNR	2003	01	25	750 11.3120	39.9645	-117.8143	3.6058	2.13
UNR	2003	02	02	1408 35.3610	39.9348	-117.8568	12.8016	0.65
UNR	2003	02	06	841 59.8670	39.1508	-118.0833	7.5195	2.58
UNR	2003	02	06	1545 22.7880	39.4060	-118.4778	11.5232	1.91

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UNR	2003	02	11	601 36.6640	39.0694	-118.1233	3.9450	1.31
UNR	2003	02	21	2307 58.0080	39.3974	-118.3881	0.0000	1.72
UNR	2003	02	25	2316 46.2660	39.9658	-117.8555	6.0357	2.28
UNR	2003	02	26	2207 12.7740	39.4277	-118.0686	11.1106	2.47
UNR	2003	02	28	334 25.9160	39.0925	-118.1099	10.5366	2.02
UNR	2003	04	5	1250 18.4450	39.4225	-118.0512	14.4167	2.08
UNR	2003	04	16	720 49.5400	39.0602	-118.0388	7.4480	2.27
PDE	2003	05	12	185539.37	39.08	-118.15	13	3.4 MLREN
UNR	2003	05	13	1236 46.0460	39.3325	-118.1358	7.9781	1.42
PDE	2003	05	14	051124.46	39.02	-118.21	10	2.9 MLREN
UNR	2003	05	14	513 42.5380	39.0193	-118.2055	10.6530	2.16
UNR	2003	05	15	153 55.6440	39.0603	-118.0636	8.2869	1.36
UNR	2003	05	15	1401 55.8820	39.5404	-117.6580	4.1172	2.13
UNR	2003	05	18	820 16.9730	39.5393	-117.6556	4.0077	2.39
UNR	2003	05	20	1716 2.2620	39.9827	-117.5774	5.7729	1.12
UNR	2003	05	28	1133 6.1670	39.1278	-117.1827	0.0000	2.11
UNR	2003	06	01	803 1.6610	39.0676	-118.0377	8.4953	2.07
UNR	2003	06	14	2211 4.0170	39.6452	-118.0387	0.0000	1.45
UNR	2003	06	30	1000 49.3340	39.3324	-117.7308	9.4485	1.78
UNR	2003	07	1	956 37.1730	39.4999	-118.1811	0.0000	1.80
UNR	2003	07	14	1222 3.8480	39.0471	-118.5383	9.5317	2.45
UNR	2003	07	21	17 29.7360	39.5507	-118.4515	11.8484	2.10
UNR	2003	07	22	1946 18.6500	39.8057	-117.6611	0.0000	2.27
UNR	2003	08	04	1937 12.8070	39.0662	-118.5091	5.2092	1.45
UNR	2003	08	17	1223 57.5190	39.3792	-118.4864	12.9014	2.33
UNR	2003	08	18	834 16.3730	39.2119	-118.0919	0.0000	1.68
PDE	2003	08	18	100700.38	39.97	-117.84	6	2.7 MLREN
PDE	2003	08	21	173337.25	39.59	-118.16	10	2.9 MLREN
UNR	2003	08	24	2012 51.1740	39.7812	-118.0077	8.7231	0.00
UNR	2003	08	24	2013 12.4170	39.7398	-118.0503	10.5445	0.02
UNR	2003	08	25	1113 20.8080	39.0361	-118.1888	13.4542	2.12
UNR	2003	08	28	1250 26.1600	39.4230	-117.2932	7.1758	1.65
UNR	2003	08	30	1750 28.6220	39.0767	-118.9927	10.2492	1.46
UNR	2003	09	05	2307 18.4660	39.0457	-118.9349	6.0281	1.90
PDE	2003	09	10	123747.96	39.37	-118.06	13	3.6 MLREN
UNR	2003	09	10	1900 39.7230	39.3549	-118.0570	11.0678	1.54
UNR	2003	09	12	541 7.7620	39.0156	-118.1858	7.0395	2.09
UNR	2003	09	15	328 29.3010	39.0114	-118.0731	10.7471	0.82
UNR	2003	10	18	751 8.0900	39.0032	-118.4593	12.9573	1.76
UNR	2003	10	19	1412 44.7170	39.1124	-118.0842	0.0000	1.63
UNR	2003	10	25	1253 30.9880	39.4930	-117.6005	9.0307	2.56
UNR	2003	10	26	1313 13.2240	39.0981	-118.0528	8.9601	2.24

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UNR	2003	10	28	945 20.0250	39.4867	-118.0705	9.7083	2.65
UNR	2003	11	2	1423 4.2970	39.0366	-118.1085	4.2629	1.63
UNR	2003	11	12	1235 46.7370	39.1880	-118.2061	3.8641	2.03
UNR	2003	11	22	708 11.5800	39.2554	-118.1290	10.7254	2.32
UNR	2003	11	26	1415 16.8590	39.6158	-118.0911	6.8540	2.60
UNR	2003	12	02	1445 21.6790	39.0104	-118.8489	8.5029	2.19
UNR	2003	12	02	1521 17.3260	39.0136	-118.8509	9.0533	1.95
UNR	2003	12	02	2236 32.3050	39.0009	-118.8573	7.5990	0.92
UNR	2003	12	11	940 28.3170	39.1370	-118.1874	5.9790	2.10
PDE	2003	12	18	045120.08	38.98	-117.32	2	2.9 MLREN
PDE	2004	01	19	002333.56	39.34	-118.45	12	2.9 MLREN
UNR	2004	01	21	1557 37.8580	39.9263	-118.9126	0.0000	1.80
UNR	2004	01	25	717 48.4940	39.0451	-117.9882	0.0000	1.22
UNR	2004	02	09	2013 25.0450	39.0123	-118.8466	8.2469	2.11
UNR	2004	02	09	2248 48.0440	39.0173	-118.1727	11.8047	1.70
UNR	2004	03	03	311 45.9470	39.5788	-118.4290	12.5736	1.73
UNR	2004	03	17	634 40.0900	39.9807	-117.8304	0.2601	2.02
UNR	2004	03	21	1354 5.9830	39.0403	-118.1760	10.3832	1.65
UNR	2004	03	26	904 35.0990	39.5343	-118.1374	9.0624	2.11
UNR	2004	04	08	1551 56.2350	39.3350	-118.4809	14.1675	2.23
PDE	2004	05	12	073348	39.08	-119.00	7	3.0 MLREN
UNR	2004	05	18	2307 3.3640	39.2124	-117.3689	13.3102	2.45
UNR	2004	05	23	1651 2.9220	39.6704	-118.3067	6.3654	1.78
UNR	2004	05	27	1336 3.9040	39.5012	-118.4510	15.0782	2.32
UNR	2004	05	27	1551 7.5500	39.6280	-118.3959	0.0000	1.99
UNR	2004	05	28	556 4.3220	39.3648	-118.0975	11.4324	0.69
PDE	2004	06	10	041639.90	39.98	-117.85	6	3.4 MLREN
UNR	2004	06	18	753 47.6560	39.4029	-118.4633	13.1104	1.50
PDE	2004	06	19	161000.10	39.47	-119.15	12	2.9 MLREN
UNR	2004	06	24	1445 47.3190	39.0132	-117.4245	0.0000	1.94
UNR	2004	06	30	1126 28.3670	39.0153	-118.7973	10.9555	1.09
UNR	2004	06	30	1131 25.5600	39.0167	-118.7853	6.5655	1.02
UNR	2004	07	02	1341 59.6940	39.3054	-118.0593	9.9837	2.33
UNR	2004	07	05	906 34.7740	39.4157	-117.5334	13.4570	1.84
UNR	2004	07	10	1716 7.5950	39.1721	-118.0675	10.4267	1.95
UNR	2004	07	11	1940 19.0770	39.1730	-118.0820	5.2147	2.46
UNR	2004	07	21	249 57.4330	39.0492	-118.2272	12.0222	2.01
PDE	2004	07	29	105251.45	38.77	-117.91	12	3.1 MLREN
UNR	2004	07	31	18 21.6830	39.0418	-118.0882	10.8572	1.84
UNR	2004	08	01	755 33.6750	39.2045	-118.7695	0.0000	1.44
UNR	2004	08	10	1215 59.2490	39.2688	-118.0911	6.9291	2.73
UNR	2004	08	15	1640 12.7420	39.1627	-118.0691	10.2365	1.91

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PDE	2004	08	27	080739.86	39.20	-118.05	8	2.9 MLREN
UNR	2004	09	02	1235 19.6820	39.6756	-118.0559	6.7476	2.30
UNR	2004	09	12	759 31.2330	39.1451	-118.0673	12.7385	2.04
UNR	2004	09	23	542 7.7200	39.3043	-118.1001	10.9392	2.61
UNR	2004	09	30	1749 27.9490	39.0556	-118.1055	10.9829	1.94
UNR	2004	10	05	1252 12.6980	39.5344	-118.1021	9.4798	1.85
UNR	2004	10	12	2059 41.5270	39.7136	-118.6315	12.9428	1.61
UNR	2004	10	16	1750 16.4910	39.3952	-118.6184	8.6022	1.97
UNR	2004	10	24	1443 6.4510	39.7163	-118.0489	11.0699	2.03
UNR	2004	10	29	2247 27.9170	39.0131	-118.8513	10.4179	1.45
UNR	2004	10	29	2257 42.4350	39.0153	-118.8409	7.7183	1.79
UNR	2004	10	29	2310 19.0340	39.0187	-118.8327	5.8057	1.58
UNR	2004	10	30	48 17.5050	39.0140	-118.8363	7.6975	2.97
UNR	2004	11	25	501 46.1230	39.0190	-118.8031	4.2558	1.86
UNR	2004	11	26	326 18.9250	39.3205	-118.0799	6.9934	2.17
UNR	2005	01	17	118 XX	39.1936	-118.0892	5.8076	2.63
UNR	2005	01	17	753 56.6510	39.3464	-117.8671	10.1153	1.79
UNR	2005	01	30	1709 54.0370	39.0941	-118.9887	3.9948	1.50
UNR	2005	02	18	851 0.2360	39.4003	-117.2352	3.3097	2.20
UNR	2005	02	22	142 34.3390	39.1045	-118.9888	3.0637	1.70
UNR	2005	03	24	552 59.3870	39.0413	-118.2013	6.9902	1.93
UNR	2005	03	29	1700 49.0900	39.6246	-118.0846	8.0318	1.59
UNR	2005	04	26	151 20.0960	39.0347	-118.7926	13.0958	1.40
PDE	2005	04	28	102743.26	39.10	-118.99	2	2.8 MLREN
UNR	2005	04	28	1030 54.5330	39.1046	-118.9904	0.0000	1.95
UNR	2005	04	28	1036 47.3780	39.1054	-118.9912	0.0000	1.73
PDE	2005	04	28	202715.18	39.10	-119.00	5	3.2 MLREN
UNR	2005	04	28	2133 42.7050	39.1055	-118.9968	2.0077	2.08
UNR	2005	04	29	453 51.6260	39.1026	-118.9980	4.7820	1.75
UNR	2005	04	29	1528 53.7720	39.1019	-118.9884	1.8272	1.47
UNR	2005	04	29	1529 33.2910	39.1007	-118.9875	3.0406	1.66
UNR	2005	05	01	145 40.2270	39.6840	-118.4383	10.1054	2.58
UNR	2005	05	03	1009 40.5590	39.1041	-118.9911	4.2576	2.00
UNR	2005	05	15	1916 47.6950	39.9396	-117.8338	1.0489	2.69
UNR	2005	05	17	316 27.2590	39.4856	-118.0513	0.0000	2.50
UNR	2005	05	20	2130 55.3570	39.0950	-118.1083	8.1533	2.49
UNR	2005	06	06	1031 20.6320	39.0861	-118.9964	4.5834	1.94
UNR	2005	06	09	709 34.3190	39.5052	-118.5002	9.0139	1.61
UNR	2005	06	13	2046 9.5050	39.2475	-118.0633	0.0000	2.28
UNR	2005	06	29	1014 47.8780	39.0738	-118.9986	9.6965	1.29
UNR	2005	07	02	1415 32.1850	39.2271	-117.9981	0.4045	2.63
UNR	2005	07	13	643 23.6490	39.3097	-118.7483	0.0000	1.21

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UNR	2005	07	24	1059 36.8550	39.0491	-118.0790	0.0000	1.54
UNR	2005	07	29	1223 5.9960	39.1613	-118.1299	0.6407	2.37
UNR	2005	07	31	2305 5.4180	39.2031	-117.3831	15.0000	2.93
UNR	2005	08	01	1355 18.2950	39.1707	-118.0912	6.2461	2.14
UNR	2005	08	04	1006 38.6910	39.0963	-118.0167	8.6344	2.29
UNR	2005	08	05	847 56.9780	39.0290	-118.1091	6.9224	1.27
UNR	2005	09	07	1147 15.6080	39.0706	-118.0882	4.3153	1.45
UNR	2005	09	14	805 20.5600	39.0933	-118.0511	7.3861	1.84
UNR	2005	09	17	1748 15.5400	39.0928	-118.9962	6.8679	0.72
UNR	2005	09	27	336 24.9780	39.7457	-117.9958	4.3202	1.52
UNR	2005	09	28	1045 34.0280	39.5585	-118.1588	11.4461	1.75
UNR	2005	10	16	2011 53.4060	39.3315	-118.1206	10.1838	1.65
UNR	2005	10	20	1659 5.9250	39.3318	-118.1029	8.6068	1.75
UNR	2005	10	22	1113 33.7040	39.3595	-117.8976	7.6047	2.21
UNR	2005	10	30	1843 23.2320	39.9891	-117.8021	0.0000	2.02
UNR	2005	10	30	1905 26.4010	39.3588	-117.8947	0.0000	1.89
UNR	2005	11	14	2108 11.2500	39.4106	-118.7624	9.2351	1.53
UNR	2005	11	15	959 34.9120	39.0838	-118.9946	5.8278	0.82
UNR	2005	11	16	245 52.6850	39.5362	-118.4433	10.5482	1.52
UNR	2005	11	22	1136 34.3040	39.3379	-118.4662	12.7168	1.50
UNR	2005	11	22	1642 37.8680	39.3605	-118.4893	6.2925	1.41
UNR	2005	11	23	326 9.1640	39.3553	-118.4788	13.0450	2.21
UNR	2005	11	24	340 38.8400	39.3479	-118.4839	11.7533	1.67
UNR	2005	11	26	1244 56.9660	39.4028	-117.9499	10.0512	1.21
UNR	2005	11	26	1259 40.5500	39.4067	-117.9450	10.1374	1.87
PDE	2005	11	29	044541	39.08	-119.01	6	3.6 MLREN
UNR	2005	12	21	834 40.1550	39.0782	-118.9425	14.4184	1.69
UNR	2005	12	23	109 46.4340	39.4057	-117.9507	9.8382	1.73
UNR	2005	12	24	1836 25.4670	39.3501	-118.4770	13.6673	1.56
UNR	2005	12	25	411 56.2500	39.3526	-118.4869	14.5931	1.74
UNR	2005	12	28	655 54.6790	39.3622	-118.4937	10.0775	2.12
UNR	2005	12	30	1445 31.6820	39.0017	-118.1858	11.4833	1.82
UNR	2005	12	31	1404 26.7420	39.0016	-118.1816	11.0141	1.78
UNR	2006	01	18	408 53.3110	39.2591	-118.5517	0.0000	1.78
UNR	2006	01	24	1705 19.3780	39.3164	-117.4062	0.7409	2.31
UNR	2006	01	25	530 26.0240	39.3213	-117.4276	9.4654	1.85
UNR	2006	01	31	216 31.7440	39.0759	-118.1040	9.3524	2.49
UNR	2006	03	03	607 33.3880	39.0822	-118.2188	0.1087	1.88
UNR	2006	03	23	1452 21.5510	39.4119	-118.4571	11.5765	2.32
PDE	2006	04	05	120316.88	39.08	-119.01	4	3.4 MLREN
UNR	2006	04	06	2332 24.8880	39.9106	-118.3161	8.0830	2.25
UNR	2006	04	07	1331 18.1710	39.9170	-117.8570	0.4342	1.97

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UNR	2006	07	14	552 56.4810	39.8902	-118.3564	4.0648	1.44
PDE	2006	07	24	210608.18	39.07	-118.06	6	3.5 MLREN
UNR	2006	08	16	623 23.0690	39.0631	-118.1342	0.0000	1.18
UNR	2006	08	18	1609 38.0510	39.3993	-117.6084	6.1963	1.88
UNR	2006	08	29	434 7.8800	39.7579	-118.0303	3.6440	2.00
UNR	2006	09	02	723 15.8440	39.0028	-118.7200	8.4498	1.34
UNR	2006	09	05	1021 12.3880	39.0716	-118.0695	10.9237	2.48
PDE	2006	09	24	124252.09	38.80	-117.91	11	3.3 MLREN
UNR	2006	10	02	1302 2.9320	39.2970	-118.0724	10.1675	2.06
UNR	2006	10	04	1329 2.3920	39.1127	-118.0779	12.7072	2.58
UNR	2006	10	06	907 39.8640	39.0962	-118.6342	14.4094	1.26
UNR	2006	11	17	2155 1.2600	39.7130	-118.0180	10.4068	1.80
UNR	2006	12	29	447 42.7620	39.0630	-118.0748	8.5437	2.37
PDE	2006	11	08	080310.93	40.21	-118.26	10	3.7 MLREN
PDE	2006	11	08	081346.68	40.19	-118.25	10	3.2 MLREN
UNR	2007	01	16	1137 46.5450	39.3684	-118.1048	8.6890	1.54
PDE	2007	01	16	151739.20	39.35	-118.10	10	2.8 MLREN
UNR	2007	01	17	1123 1.7990	39.3551	-118.1061	12.3968	2.00
UNR	2007	02	04	1610 47.0090	39.0217	-118.9191	6.7631	1.31
UNR	2007	02	04	2028 41.2030	39.2424	-118.8351	12.8629	2.16
UNR	2007	03	01	26 34.7640	39.0163	-118.8892	9.9570	1.40
UNR	2007	03	01	28 32.5330	39.0246	-118.8838	10.9602	1.31
UNR	2007	03	01	29 15.7300	39.0215	-118.8676	7.7429	1.00
UNR	2007	03	01	428 8.5950	39.0189	-118.8802	9.8275	1.50
UNR	2007	03	01	1706 13.1500	39.6921	-118.2969	8.7221	2.62
UNR	2007	03	15	210 9.8160	39.5971	-118.8257	12.3117	1.40
UNR	2007	03	17	2208 5.9110	39.0213	-118.8838	9.0374	1.38
UNR	2007	04	27	941 27.8400	39.0632	-118.1049	7.4360	1.33
UNR	2007	05	08	213 21.5750	39.3374	-118.4022	18.0694	2.10
UNR	2007	07	09	2349 30.4020	39.0952	-118.0662	9.1815	1.71
UNR	2007	07	10	426 17.6540	39.0175	-118.6285	72.1578	0.91
UNR	2007	07	16	530 31.5140	39.3612	-118.4076	10.4164	1.22
PDE	2007	07	30	091029.66	39.35	-118.40	16	2.6 MLREN
UNR	2007	08	07	638 15.1490	39.3950	-118.4604	18.4581	1.30
UNR	2007	08	14	1737 20.5980	39.3236	-118.4203	13.6504	1.23
UNR	2007	08	17	1712 51.9050	39.8703	-118.9240	12.2470	1.04
UNR	2007	08	22	1701 17.1000	39.3482	-118.4241	11.3482	1.40
UNR	2007	08	25	139 29.5850	39.5446	-118.4911	14.9058	1.24
UNR	2007	08	30	759 31.7950	39.5205	-118.4511	15.8526	2.24
UNR	2007	09	10	2029 28.0140	39.0311	-118.1976	7.7617	1.66
PDE	2007	09	25	060617.84	39.03	-118.55	12	3.3 MLREN
UNR	2007	10	02	1539 47.2440	39.1697	-118.0860	10.7900	1.18

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UNR	2007	10	03	328 50.5810	39.4110	-118.3160	14.7567	1.62
UNR	2007	10	03	713 22.3140	39.0044	-118.5730	14.7501	1.02
UNR	2007	10	20	2134 31.8330	39.2948	-118.4394	7.1820	1.54
UNR	2007	11	10	948 55.0750	39.2399	-118.4835	15.0561	1.71
UNR	2007	11	14	2240 7.1960	39.2912	-118.8699	11.8942	1.35
UNR	2007	11	14	2315 15.1210	39.2746	-118.8422	14.5609	1.24
UNR	2007	11	15	145 36.2760	39.2904	-118.8621	5.5569	1.42
UNR	2008	01	06	180932.4550	39.7027	-118.4485	19.6984	1.71
UNR	2008	01	09	032418.9320	39.4607	-117.7106	15.2279	1.54
UNR	2008	01	12	110101.8080	39.9645	-117.8653	2.6773	1.54
UNR	2008	01	23	93101.6380	39.6982	-118.4303	18.6475	1.89
UNR	2008	02	04	105524.2800	39.0660	-118.0833	6.8026	1.54
UNR	2008	02	10	182614.0010	39.0223	-118.1981	11.2321	1.00
UNR	2008	02	25	183145.8300	39.1067	-118.0633	10.3249	2.35
UNR	2008	02	26	192810.2880	39.6071	-117.9296	10.3494	0.44
UNR	2008	02	27	070257.2840	39.6047	-118.1834	13.3841	1.33
UNR	2008	02	27	122040.8870	39.6048	-118.1714	14.6051	1.75
UNR	2008	02	28	052738.4470	39.0526	-118.0744	10.1106	2.18
UNR	2008	02	28	170408.4440	39.5525	-118.4795	12.2988	2.34
UNR	2008	02	29	000525.9510	39.3031	-117.9599	0.0000	1.96
UNR	2008	03	02	214209.3700	39.3888	-118.4773	13.0721	1.85
UNR	2008	03	04	164340.6270	39.0025	-118.1276	7.8950	1.51
UNR	2008	03	15	122251.8950	39.1313	-118.7650	18.2034	1.80
UNR	2008	03	15	182754.9190	39.5924	-118.1441	14.8079	1.72
UNR	2008	03	27	002317.4070	39.7933	-117.0634	0.0000	1.92
UNR	2008	03	28	014754.6050	39.2777	-118.1039	6.2336	1.82
UNR	2008	04	1	114250.8430	39.5083	-118.4325	13.4572	1.84
UNR	2008	04	13	081339.9420	39.2073	-118.8955	13.8213	1.79
UNR	2008	04	14	170634.4520	39.9846	-118.4564	0.0000	2.52
UNR	2008	04	24	190019.6500	39.8611	-117.1740	16.0000	1.81
UNR	2008	04	25	65645.7230	39.7231	-118.0585	8.2115	1.42
UNR	2008	04	25	164146.0270	39.3807	-117.3102	12.0000	2.40
UNR	2008	04	26	92259.6930	39.3029	-117.8561	0.0000	2.09
UNR	2008	05	07	112916.6400	39.8641	-117.6971	0.0000	2.59
UNR	2008	05	07	174830.2840	39.6441	-118.0896	0.0000	2.26
UNR	2008	05	07	213123.2590	39.3395	-117.1549	0.0000	2.66
UNR	2008	05	07	215152.0720	39.0809	-118.7105	0.0000	2.09
UNR	2008	05	08	11421.0840	39.9441	-117.6443	0.0000	1.92
UNR	2008	05	08	212953.1040	39.0424	-118.0121	16.0000	2.07
UNR	2008	05	11	15471.3730	39.3198	-117.2071	8.0000	2.36
UNR	2008	05	18	7280.8950	39.0220	-117.8053	16.0000	2.05
UNR	2008	05	18	84535.4810	39.1398	-118.9181	0.0000	2.78

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UNR	2008	05	27	1117 47.8080	39.3478	-118.0899	3.7909	2.60
UNR	2008	06	26	1739 19.5770	39.8749	-118.3528	0.0000	2.78
UNR	2008	07	07	1654 39.2750	39.1044	-118.9570	6.5727	0.87
UNR	2008	07	09	1845 57.8470	39.1306	-118.1074	11.5259	2.04
UNR	2008	07	11	1013 25.3590	39.1013	-118.9440	6.2041	2.07
UNR	2008	07	12	19 29.8350	39.1029	-118.9456	6.6169	2.58
UNR	2008	07	12	26 20.7660	39.1018	-118.9618	7.7530	1.46
UNR	2008	07	12	55 39.0810	39.0985	-118.9601	7.1848	1.25
UNR	2008	07	12	130 7.3840	39.0981	-118.9399	9.3056	1.38
UNR	2008	07	12	415 10.9780	39.1074	-118.9501	5.8128	2.07
UNR	2008	07	12	437 2.9160	39.1038	-118.9593	8.0845	1.19
UNR	2008	07	12	828 49.8060	39.0964	-118.9706	10.1142	1.31
UNR	2008	07	13	1856 53.0040	39.3174	-118.1100	10.7927	2.85
UNR	2008	07	22	1045 5.0660	39.0993	-118.0915	12.7358	1.49
UNR	2008	07	25	1608 3.0430	39.2180	-118.0990	8.2046	2.54
UNR	2008	08	06	1938 53.5220	39.5811	-117.2819	0.0000	2.48
UNR	2008	08	20	1254 21.2490	39.9553	-117.8596	1.8037	2.85
UNR	2008	08	25	1912 4.2650	39.4181	-118.4552	11.0271	2.43
UNR	2008	09	7	814 41.5840	39.3390	-118.5127	8.0050	2.73
UNR	2008	09	8	1401 23.8700	39.3690	-118.4460	16.8981	2.11
UNR	2008	09	10	347 57.3390	39.0534	-118.1441	12.2560	2.49
UNR	2008	09	12	431 50.0290	39.0241	-118.8279	11.7383	1.46
PDE	2008	11	05	233225.28	39.06	-118.91	9	2.9 MLREN
UNR	2008	11	06	303 39.3400	39.0478	-118.0958	6.9416	1.37
UNR	2008	11	12	600 58.0810	39.5921	-118.1537	13.3916	1.40
UNR	2008	12	09	258 55.4350	39.6866	-118.4552	3.5838	1.62
UNR	2008	12	21	1348 30.5740	39.3137	-118.5444	3.8597	1.66
UNR	2008	12	28	1236 51.6570	39.1716	-118.1101	8.2780	1.71
UNR	2009	01	05	193919.9170	39.4078	-118.0501	0.6299	1.92
UNR	2009	01	12	093151.0640	39.7406	-117.5251	0.0000	1.47
UNR	2009	01	12	183506.4000	39.8480	-118.3403	0.0000	2.69
UNR	2009	01	12	191435.7300	39.7826	-118.5362	0.0000	1.53
UNR	2009	01	28	095800.3150	39.2966	-118.8969	14.2110	1.31
UNR	2009	01	31	082229.0240	39.9242	-117.8555	0.0000	3.20
UNR	2009	02	05	084718.5680	39.9429	-117.8203	0.1178	1.75
UNR	2009	02	12	214404.3530	39.1629	-118.0900	4.8110	2.50
UNR	2009	02	21	154519.2130	39.2912	-118.5605	16.8728	0.93
UNR	2009	03	05	081616.3430	39.0677	-117.6206	0.0000	1.47
UNR	2009	03	11	155701.5210	39.3767	-117.5035	4.7702	2.24
UNR	2009	04	02	112009.5510	39.0609	-118.5041	10.8140	2.52
UNR	2009	04	13	224317.3390	39.0973	-118.0856	13.5298	2.81
UNR	2009	04	30	125919.4340	39.1630	-118.2109	4.9133	2.28
PDE	2009	05	10	001411.05	39.16	-118.06	0	3.2 MLREN

<u>Catalog</u>	<u>Year</u>	<u>M</u>	<u>D</u>	<u>Time</u>	<u>Lat</u>	<u>Long</u>	<u>Depth</u>	<u>Mag</u>
UNR	2009	05	10	04416.8580	39.1715	-118.0834	4.0250	2.10
UNR	2009	05	15	094446.4210	39.3826	-118.1101	5.1216	1.80
PDE	2009	05	20	024130.59	38.88	-118.35	8	3.0 MLREN
PDE	2009	06	19	152601.67	39.30	-117.33	0	2.5 MLREN
UNR	2009	06	24	1404 20.7860	39.3151	-117.3452	0.0000	2.19
UNR	2009	06	24	2213 36.5590	39.3405	-117.3004	1.1147	2.19
UNR	2009	07	20	1904 57.6640	39.3917	-118.1775	12.6154	2.62
UNR	2009	07	22	055255.2120	39.4228	-118.0764	4.5027	2.36
UNR	2009	07	25	130822.6810	39.1818	-118.1752	0.3926	1.90
PDE	2009	08	24	143449.38	38.84	-117.96	4	2.5 MLREN
UNR	2009	08	28	131041.6800	39.3381	-118.0824	6.0924	1.48
UNR	2009	09	07	163729.0610	39.3665	-118.0743	13.9615	1.88
UNR	2009	10	03	0253 47.9300	39.5257	-118.4550	11.4279	2.79
PDE	2009	10	03	165622.05	39.97	-117.85	5	2.7 MLREN
UNR	2009	10	05	2158 42.3840	39.4066	-117.1333	9.7077	2.59
UNR	2009	10	06	20 28.2420	39.9523	-117.8538	9.3412	1.76
UNR	2009	10	07	554 28.8530	39.9635	-117.8525	3.3423	2.06
UNR	2009	10	10	2022 4.4520	39.9646	-117.8526	6.3342	1.99
PDE	2009	11	07	040946.56	38.66	-117.65	8	2.5 MLREN
UNR	2009	11	25	095602.7	39.0102	-118.2599	14.7134	1.31
UNR	2009	12	07	020240.4	39.9832	-117.8599	10.2671	1.54
UNR	2009	12	12	054950.0	39.9506	-117.8353	0.0000	1.69
UNR	2009	12	18	054718.4	39.2119	-118.5939	0.0791	1.62
UNR	2009	12	26	234101.4	39.0802	-118.0709	7.5461	1.56
UNR	2009	12	29	2243 47.9	39.1562	-118.2352	9.3191	1.59
UNR	2010	01	03	190844.7	39.1302	-118.1171	5.5992	1.91
PDE	2010	01	22	025229.29	39.01	-118.82	10	3.2 MLREN
UNR	2010	01	22	072640.6	39.0065	-118.8117	0.0000	1.53
UNR	2010	01	22	125409.5	39.3101	-118.5509	3.0513	2.04
UNR	2010	01	22	173246.9	39.0163	-118.8167	8.1949	1.35
PDE	2010	04	29	151653.4	39.06	-118.46	10	2.5 MLREN
PDE	2010	07	22	014625.6	39.01	-118.80	6	3.0 MLREN
PDE	2010	07	30	111346	38.62	-118.21	8	4.2 MLREN

Table 3. Seismic Events (298) located at NSL/UNR identified by UNR analysts as explosions within 38.7°N - 40.3° N and 119°W -117°W

The columns represent, in order:

- 1) MM/DD/YYYY (**Date**);
- 2) JJJ Julian Day (**Julian**)
- 3) ORIG_TIME (HHMMSS.XXX) (**Time**)
- 6) LATITUDE(DEG)(**Lat**)
- 7) LONGITUDE(DEG)(**Long**)
- 8) DEPTH (km) (**Depth**)
- 9) LOCAL MAGNITUDE (**Mag**)- the empty spaces show that no magnitude could be estimated for the respective event

<u>Date</u>	<u>Julian</u>	<u>Time</u>	<u>Lat</u>	<u>Long</u>	<u>Depth</u>	<u>Mag</u>
02/06/2001 (037)	20:16:50.917	38.7375	-117.0710	0.0000	2.23	
03/20/2001 (079)	0:04:47.842	38.8031	-117.2240	0.0000	2.12	
04/26/2001 (116)	19:08:02.388	38.7268	-117.1260	0.0000	1.99	
05/04/2001 (124)	19:07:43.183	38.9694	-118.3787	0.0000	1.48	
05/07/2001 (127)	19:11:57.483	38.9688	-117.0487	0.0000	2.12	
05/29/2001 (149)	19:18:03.930	38.8826	-117.1118	0.0000	2.02	
06/07/2001 (158)	19:14:37.117	39.1514	-117.1941	0.0000	2.32	
06/11/2001 (162)	23:05:41.079	38.7439	-117.1686	0.0000	1.93	
06/12/2001 (163)	19:07:54.117	38.8262	-117.1142	0.0000		
06/25/2001 (176)	19:13:02.588	38.7154	-117.0738	0.0000	1.81	
08/14/2001 (226)	19:06:39.509	38.7592	-117.6044	0.0000	1.74	
09/17/2001 (260)	19:11:32.996	38.7755	-117.0467	0.0000	2.15	
12/13/2001 (347)	13:47:12.822	38.8188	-118.3134	0.0000		
01/02/2002 (002)	20:09:34.240	38.8885	-117.0619	0.0000		
01/28/2002 (028)	20:06:58.657	38.8729	-117.4889	0.0000	2.07	
02/04/2002 (035)	23:44:25.687	38.8659	-118.3059	0.0000	1.59	
02/22/2002 (053)	20:16:46.334	39.1224	-117.2497	0.0000	2.41	
03/26/2002 (085)	19:43:40.935	38.9607	-118.3221	0.0000	1.38	
06/13/2002 (164)	22:00:06.933	38.7275	-117.1417	0.0000	1.83	
07/20/2002 (201)	18:27:06.440	39.8804	-118.3659	0.0000	1.66	
08/27/2002 (239)	19:15:09.500	39.7196	-117.2639	0.0000	2.61	
08/30/2002 (242)	19:02:04.891	38.7434	-117.1373	0.0000	1.84	
09/10/2002 (253)	19:06:39.863	38.7448	-117.0665	0.0000	1.90	
09/20/2002 (263)	1:48:20.483	39.9004	-118.3654	0.0000	1.81	
11/18/2002 (322)	20:10:45.222	38.8290	-117.0095	0.0000	2.43	
12/10/2002 (344)	20:12:28.835	38.7637	-117.2547	0.0000	2.35	
12/19/2002 (353)	20:06:09.033	38.7002	-117.2144	0.0000		
01/17/2003 (017)	20:11:37.071	38.8291	-117.1557	0.0000	2.17	
01/19/2003 (019)	1:42:59.091	38.8658	-117.8912	0.0000	2.59	
01/21/2003 (021)	20:14:52.105	38.7497	-117.1773	0.0000	2.39	
01/29/2003 (029)	20:14:54.422	39.5949	-117.1752	0.0000	2.55	

<u>Date</u>	<u>Julian</u>	<u>Time</u>	<u>Lat</u>	<u>Long</u>	<u>Depth</u>	<u>Mag</u>
02/14/2003 (045)	20:13:00.079	38.8185	-117.1921	0.0000	1.91	
02/22/2003 (053)	2:45:22.464	38.7760	-117.8789	0.0000	2.06	
02/27/2003 (058)	20:09:47.478	38.9519	-117.2133	0.0000	2.22	
03/05/2003 (064)	0:01:06.376	38.8623	-117.1265	0.0000	2.04	
03/27/2003 (086)	22:56:47.863	40.2961	-118.1779	0.0000	2.01	
04/22/2003 (112)	18:59:11.788	38.9010	-117.6861	0.0000	2.21	
04/30/2003 (120)	19:07:33.038	38.8746	-117.0679	0.0000	2.11	
07/09/2003 (190)	19:15:09.893	38.7509	-117.0182	0.0000		
09/18/2003 (261)	19:07:27.932	38.7054	-117.1228	0.0000	2.15	
01/29/2004 (029)	21:49:27.356	38.8204	-118.3168	0.0000	2.08	
01/30/2004 (030)	20:08:22.393	38.8555	-117.0783	0.0000		
03/16/2004 (076)	0:20:42.042	39.0622	-118.4186	0.0000	2.58	
04/04/2004 (095)	21:28:39.348	39.1009	-118.0607	0.0000	1.75	
06/20/2004 (172)	22:41:08.788	39.7115	-117.5524	0.0000	2.43	
07/12/2004 (194)	17:42:27.671	39.8759	-118.3257	0.0000	1.63	
07/14/2004 (196)	0:42:58.962	39.8630	-118.3581	0.0000	1.65	
07/15/2004 (197)	23:53:41.519	39.8932	-118.3558	0.0000	1.53	
07/29/2004 (211)	14:18:42.381	38.7416	-118.0023	0.0000	1.33	
08/19/2004 (232)	4:14:27.653	39.7548	-118.6370	0.0000	1.52	
09/05/2004 (249)	6:35:33.223	39.0431	-118.4444	0.0000	1.35	
09/16/2004 (260)	4:04:05.668	39.8749	-118.3716	0.0000	1.86	
11/18/2004 (323)	20:08:46.444	38.7349	-117.0811	0.0000	1.93	
04/26/2005 (116)	2:58:12.374	39.8829	-118.3763	0.0000	1.65	
04/28/2005 (118)	19:47:47.641	40.1443	-118.5618	0.0000	2.83	
05/26/2005 (146)	19:08:56.523	38.7127	-117.1224	0.0000	2.00	
08/09/2005 (221)	2:39:31.685	39.1676	-117.6181	0.0000	1.92	
09/15/2005 (258)	2:44:24.741	39.7673	-118.6676	0.0000	1.54	
10/06/2005 (279)	19:03:48.618	38.7309	-117.1685	0.0000	2.82	
06/16/2006 (167)	19:14:03.958	38.7589	-117.0763	0.0000	1.85	
07/12/2006 (193)	5:13:38.438	39.8880	-118.3698	0.0000	2.46	
09/14/2006 (257)	16:08:30.356	39.0048	-117.4430	0.0000	1.93	
10/12/2006 (285)	19:24:45.536	38.7801	-117.0473	0.0000	1.73	
10/16/2006 (289)	20:01:55.381	38.7288	-117.1805	0.0000	1.91	
1/31/2007 (031)	23:25:26.602	38.7006	-117.0484	0.0000	1.61	
03/02/2007 (061)	23:07:50.202	38.7190	-117.0464	0.0000	1.58	
03/07/2007 (066)	0:19:13.383	38.7068	-117.0125	0.0000		
03/15/2007 (074)	19:24:57.831	38.7228	-117.0487	0.0000	1.75	
03/22/2007 (081)	19:09:47.137	38.7836	-117.0526	0.0000		
03/23/2007 (082)	19:11:53.458	38.8062	-117.0920	0.0000	2.29	
04/04/2007 (094)	19:28:19.285	38.7058	-117.1078	0.0000	1.65	
04/12/2007 (102)	19:21:25.054	38.7348	-117.0690	0.0000	2.16	
04/16/2007 (106)	19:18:19.304	38.7461	-117.1244	0.0000	0.43	
05/01/2007 (121)	16:59:56.131	40.1933	-118.3246	0.0000	1.85	

<u>Date</u>	<u>Julian</u>	<u>Time</u>	<u>Lat</u>	<u>Long</u>	<u>Depth</u>	<u>Mag</u>
05/01/2007 (121)	23:09:15.706	38.9795	-117.1132	0.0000	1.72	
05/11/2007 (131)	2:14:04.267	38.7093	-117.0622	0.0000	1.14	
05/15/2007 (135)	19:02:29.419	39.8794	-118.3754	0.0000	1.45	
05/16/2007 (136)	19:11:41.444	38.7104	-117.1126	0.0000	1.68	
05/24/2007 (144)	0:30:14.037	38.7351	-117.0459	0.0928	1.50	
05/25/2007 (145)	19:08:11.721	38.7294	-117.0805	0.0000		
06/15/2007 (166)	19:19:12.344	38.7140	-117.1146	0.0000	1.51	
06/18/2007 (169)	19:33:34.295	38.7426	-117.0817	0.0000	1.69	
06/20/2007 (171)	23:55:54.240	38.8092	-117.1002	0.0000	1.57	
06/21/2007 (172)	19:22:58.048	38.7206	-117.0918	0.0000	1.77	
06/28/2007 (179)	22:56:13.052	38.7277	-117.0830	0.0000	1.55	
07/16/2007 (197)	19:19:24.512	38.7231	-117.1140	0.0000	1.80	
07/27/2007 (208)	19:14:03.929	38.8246	-117.0695	0.0000	1.65	
07/30/2007 (211)	19:16:28.766	38.7440	-117.0641	0.0000	1.68	
08/02/2007 (214)	19:17:45.599	39.0312	-117.4053	0.0000	1.65	
08/03/2007 (215)	19:10:42.355	38.7455	-117.0840	0.0000	1.50	
08/06/2007 (218)	21:00:01.533	38.8189	-117.0863	0.0000	1.58	
08/08/2007 (220)	22:38:38.796	38.7268	-117.1205	0.0000	2.07	
08/09/2007 (221)	15:36:37.195	39.0554	-117.1388	0.0000	1.34	
08/13/2007 (225)	19:07:42.808	38.9042	-117.0203	0.0000		
08/22/2007 (234)	4:13:52.129	39.3034	-118.4572	0.0000	1.20	
08/29/2007 (241)	22:36:15.748	38.7861	-117.2402	0.0000	1.58	
01/09/2008 (009)	0:00:38.857	38.7015	-117.0798	0.0000		
02/28/2008 (059)	20:00:35.187	38.7157	-117.1751	0.0000		
03/27/2008 (087)	19:21:10.563	38.7515	-117.0539	0.0000		
06/02/2008 (154)	17:31:58.791	38.8379	-118.0013	5.8884	2.17	
06/02/2008 (154)	19:13:17.271	38.7794	-117.1084	0.0000		
06/06/2008 (158)	15:58:30.038	38.7382	-117.1366	0.0000		
06/06/2008 (158)	19:07:41.375	38.9087	-117.3378	0.0000	2.42	
06/30/2008 (182)	19:17:31.272	38.8001	-117.0929	0.0000	2.24	
07/03/2008 (185)	23:08:11.222	38.8107	-117.1153	0.0000		
07/07/2008 (189)	19:09:57.133	38.7414	-117.0965	0.0000		
07/09/2008 (191)	19:11:03.805	38.7099	-117.0857	0.0000		
08/06/2008 (219)	22:16:22.064	38.7809	-117.1486	0.0000		
08/11/2008 (224)	22:58:48.550	38.8681	-117.0734	0.0000		
08/14/2008 (227)	19:13:19.659	38.7807	-117.1277	0.0000		
08/20/2008 (233)	4:34:46.174	39.8552	-118.3700	0.6468	1.74	
08/20/2008 (233)	19:20:28.532	38.7064	-117.0666	0.0000		
09/10/2008 (254)	19:25:20.316	38.7255	-117.1033	0.0000		
09/11/2008 (255)	19:21:31.493	38.7739	-117.1625	0.0000		
09/22/2008 (266)	19:48:57.252	39.1283	-117.3822	0.0000		
12/21/2008 (356)	22:05:19.929	38.8288	-117.1691	0.0000		
12/29/2008 (364)	20:13:41.239	38.7958	-117.1185	0.0000		

<u>Date</u>	<u>Julian</u>	<u>Time</u>	<u>Lat</u>	<u>Long</u>	<u>Depth</u>	<u>Mag</u>
01/06/2009 (006)	22:19:34.361	39.7688	-118.2612	0.0000	3.02	
01/09/2009 (009)	13:19:09.461	39.8997	-118.4060	1.2185	1.58	
01/15/2009 (015)	2:44:33.772	40.2050	-117.0940	0.0000	2.25	
01/15/2009 (015)	20:04:35.647	38.7197	-117.0134	0.0000		
01/19/2009 (019)	20:10:05.839	38.7107	-117.1082	0.0000	1.94	
01/28/2009 (028)	20:26:32.113	38.8043	-117.1054	0.0000	2.14	
02/03/2009 (034)	20:25:56.371	38.7635	-117.1105	0.0000	2.12	
02/04/2009 (035)	20:07:42.175	38.7664	-117.1095	0.0000	1.92	
02/12/2009 (043)	0:21:10.948	38.7456	-117.0905	0.0000	2.10	
02/22/2009 (053)	14:34:57.775	38.9750	-117.7470	0.0000	2.43	
03/05/2009 (064)	8:16:16.657	39.0995	-117.7219	0.0000		
03/16/2009 (075)	19:09:07.247	38.7205	-117.0809	0.0000	1.76	
03/17/2009 (076)	23:24:38.894	38.7625	-117.1187	0.0000	2.20	
03/19/2009 (078)	19:09:38.880	38.7783	-117.0557	0.0000		
04/09/2009 (099)	19:06:08.794	38.8339	-117.0171	0.0000	1.69	
04/22/2009 (112)	19:05:49.511	38.7443	-117.1175	0.0000	1.75	
04/23/2009 (113)	19:03:30.451	38.7735	-117.1029	0.0000	2.11	
04/28/2009 (118)	18:59:59.720	38.7900	-117.1247	0.0000	1.94	
05/22/2009 (142)	19:51:50.948	38.7283	-117.0609	0.0000		
05/27/2009 (147)	22:54:25.068	38.7302	-117.0795	0.0000	1.97	
06/02/2009 (153)	19:10:03.022	38.7879	-117.1033	0.0000	1.68	
06/05/2009 (156)	19:15:20.815	38.7678	-117.0987	0.0000	1.99	
06/11/2009 (162)	19:21:52.860	38.7263	-117.0933	0.0000	1.79	
06/11/2009 (162)	23:09:46.086	38.7259	-117.1132	0.0000	1.59	
06/16/2009 (167)	19:48:59.695	38.7557	-117.0879	0.0000	1.92	
06/19/2009 (170)	19:23:25.325	38.7334	-117.0782	0.0000	2.10	
06/25/2009 (176)	19:05:11.986	38.7889	-117.1177	0.0000	2.10	
06/26/2009 (177)	19:15:14.251	38.7752	-117.1213	0.0000	1.85	
07/15/2009 (196)	19:12:35.772	38.9063	-117.0780	0.0000	2.04	
07/16/2009 (197)	19:00:28.183	38.7943	-117.0803	0.0000	1.64	
07/27/2009 (208)	19:10:15.742	38.9640	-117.0831	0.0000		
07/29/2009 (210)	19:18:33.693	38.9699	-117.1471	0.0000	2.06	
07/29/2009 (210)	20:03:39.885	38.7961	-117.1056	0.0000	2.31	
07/30/2009 (211)	19:18:31.035	38.7707	-117.0919	0.0000	2.03	
08/20/2009 (232)	19:13:00.907	38.9694	-117.1223	0.0000	1.82	
08/25/2009 (237)	19:20:28.562	38.7932	-117.1649	0.0000	2.18	
09/30/2009 (273)	23:02:28.329	38.7263	-117.0707	0.0000		
10/13/2009 (286)	22:08:12.371	38.9905	-118.4939	0.0000		
10/21/2009 (294)	19:20:38.239	38.7835	-117.1764	0.0000		
11/02/2009 (306)	20:10:55.241	38.8246	-117.0152	0.0000		
11/05/2009 (309)	23:58:23.614	39.0153	-117.3207	0.0000		
11/19/2009 (323)	22:42:28.550	38.9475	-117.1006	0.0000		
12/16/2009 (350)	20:30:38.141	38.8963	-117.0545	0.0000		

<u>Date</u>	<u>Julian</u>	<u>Time</u>	<u>Lat</u>	<u>Long</u>	<u>Depth</u>	<u>Mag</u>
01/07/2010 (007)	20:44:43.680	38.7591	-117.1252	0.0000		
01/13/2010 (013)	2:17:21.685	38.9089	-117.6975	0.0000		
01/21/2010 (021)	23:13:33.342	38.7074	-117.2277	0.0000		
01/25/2010 (025)	23:11:18.080	40.0735	-117.2543	0.0000	2.52	
01/29/2010 (029)	12:26:28.170	39.7045	-117.4156	0.0000		
02/09/2010 (040)	20:23:01.303	38.7953	-117.0423	0.0000	1.89	
02/12/2010 (043)	0:08:52.608	38.8878	-117.0666	0.0000		
02/18/2010 (049)	20:17:38.432	38.7021	-117.1877	0.0000		
02/26/2010 (057)	0:25:27.790	38.7163	-117.1721	0.0000		
03/10/2010 (069)	0:06:21.083	38.8162	-117.0475	0.0000	2.06	
03/10/2010 (069)	23:28:25.395	39.3050	-118.4111	0.0000		
03/21/2010 (080)	19:41:16.693	38.8363	-117.0858	0.0000	1.90	
04/13/2010 (103)	19:26:02.584	38.7638	-117.1586	0.0000		
04/30/2010 (120)	21:19:06.798	39.0787	-118.5301	0.0000		
05/04/2010 (124)	8:11:40.451	38.8349	-117.8969	0.0000		
05/05/2010 (125)	19:19:46.255	38.7453	-117.5317	0.0000		
06/03/2010 (154)	19:12:03.398	38.8180	-117.0221	0.0000		
06/10/2010 (161)	19:09:09.286	38.7787	-117.0611	0.0000	1.68	
06/17/2010 (168)	19:20:36.012	38.8650	-117.0482	0.0000		
06/17/2010 (168)	19:21:19.722	38.8415	-117.2690	0.0000		
06/23/2010 (174)	19:21:40.442	38.7603	-117.1254	0.0000		
07/05/2010 (186)	22:10:35.482	39.2424	-118.5235	0.0000		
07/08/2010 (189)	19:21:04.721	38.8057	-117.1874	0.0000		