

# **EARTHQUAKE ACTIVITY IN THE UTAH REGION**

Preliminary Epicenters

January 1 – March 31, 2012

Prepared by the University of Utah Seismograph Stations and funded by the U.S. Geological Survey (Cooperative Agreement No. G10AC00085) and by the State of Utah

June 4, 2012



## Foreword and Data Explanation

This report contains an epicenter map (Figure 1) and listings of earthquakes (Tables 1 and 2) detected and located in the Utah region (lat. 36° 45' – 42° 30' N, long. 108° 45' – 114° 15' W). The computer program HYPOINVERSE (F. W. Klein, 1978, U.S. Geological Survey Open-File Report 78-694) was used to process the earthquake data. This report also includes maps and a table of operating seismograph stations in the University of Utah's regional/urban seismic network (Figures 2 and 3, Table 3).

The earthquake listing in Table 2 is estimated to be systematically complete above magnitude 1.5 within the Intermountain Seismic Belt in Utah and above magnitude 2.0 to 2.5 elsewhere in the state. *These data are preliminary—both the locations and magnitudes are subject to revision. The catalog may include some man-made seismic events not yet identified.*

The following data are listed for each earthquake in Table 2:

- Date (yymmdd) and origin time in Universal Coordinated Time (UTC). To convert to local time, subtract seven hours for Mountain Standard Time (MST) and six hours for Mountain Daylight Time (MDT). During the report period, local time was MST through 02:00 (2:00 a.m.) on March 11 and MDT thereafter.
- Earthquake location coordinates in degrees and minutes of north latitude and west longitude, and depth in kilometers.
- "\*" indicates poor depth resolution: no recording stations within 10 km or twice the depth.
- MAG, the computed Richter local magnitude ( $M_L$ ) for each earthquake. "W" indicates peak amplitude measurements from Wood-Anderson records were used. Otherwise, the estimate is calculated from signal durations and is more correctly identified as coda magnitude ( $M_C$ ). The notation "--" indicates that a reliable magnitude estimate could not be made.
- NO, the number of P and S readings used in the solution.
- GAP, the largest azimuthal separation in degrees between recording stations used in the solution.
- DMN, the epicentral distance in kilometers to the closest station.
- RMS, the root-mean-square of the travel-time residuals in seconds:

$$RMS = \left( \frac{\sum_i (W_i R_i)^2}{\sum_i (W_i)^2} \right)^{\frac{1}{2}}$$

where:  $R_i$  is the observed minus the computed arrival time for the  $i$ -th P or S reading, and  $W_i$  is the relative weight given to the  $i$ -th P or S arrival time (0.0 for no weight through 1.0 for full weight).



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**January 1 – March 31, 2012**

by R. Burlacu, P. M. Roberson, J. M. Hale, C. Volk, and S. Whittaker  
with contributions by  
K. D. Koper, J. C. Pechmann, and K. L. Pankow

University of Utah Seismograph Stations  
115 South 1460 East, Room 107 FASB  
Salt Lake City, UT 84112-0102  
Tele: (801) 581-6274 FAX: (801) 585-5585  
email: [burlacu@seis.utah.edu](mailto:burlacu@seis.utah.edu)  
URL: <http://www.seis.utah.edu> (aka [quake.utah.edu](http://quake.utah.edu))

During the three-month period January 1 through March 31, 2012, the University of Utah Seismograph Stations (UUSS) located 533 earthquakes within the Utah region (Figure 1). The total includes nine earthquakes in the magnitude 3 range and 43 earthquakes in the magnitude 2 range. Earthquakes of magnitude 3.0 or larger (plotted as stars and specifically labeled on Figure 1) are listed below. Nine earthquakes were reported felt during the report period (see Table 1, a cumulative tabulation of earthquakes during 2012 that were either felt in the Utah region or for which a ShakeMap was produced, or both). Additional information on earthquakes within the Utah region is available from the University of Utah Seismograph Stations.

**Online Information**

A complete copy of this report, including maps and the earthquake catalog, is available on the UUSS Web site at <http://www.quake.utah.edu/EOCENTER/QUARTERLY/quarterly.htm>.

ShakeMaps—computer maps of the ground shaking produced by an earthquake—are automatically produced by UUSS for earthquakes of magnitude 3 and larger within a 75-mile wide zone along the I-15 corridor and magnitude 3.5 and larger elsewhere in the Utah region (see [http://www.seis.utah.edu/shake/shake\\_trigger\\_area\\_09.pdf](http://www.seis.utah.edu/shake/shake_trigger_area_09.pdf).) These magnitude thresholds have changed with time as the network of strong-motion stations in the state has expanded. The ShakeMaps are accessible on the UUSS Web page at <http://www.seis.utah.edu/shake>. Earthquakes during 2012 for which ShakeMaps are available are indicated in Table 1.

For earthquakes of magnitude 3 and larger in the Utah region, the U. S. Geological Survey automatically posts a Community Internet Intensity Map (CIIM) on its "Did You Feel It?" Web page at <http://earthquake.usgs.gov/earthquakes/dyfi/>. We urge anyone who feels an earthquake to report their observations on this interactive Web site; felt information is available by zip code on the CIIM site or can be obtained from UUSS directly.

## Earthquakes of Magnitude 3.0 or Larger

M <sub>L</sub> 3.0	January 4	10:18 MST	17 mi SW of Cedar City, UT
M <sub>L</sub> 3.0	January 23	23:01 MST	15 mi SSW of Enterprise, UT (felt, CIIM intensity map, see Table 1)
M <sub>L</sub> 3.6	February 4	04:27 MST	8 mi E of Salem, UT (felt, CIIM intensity map, ShakeMap, see Table 1)
M <sub>L</sub> 3.2	February 11	20:06 MST	3 mi NNE of Panguitch, UT (felt, CIIM intensity map , ShakeMap, see Table 1)
M <sub>L</sub> 3.5	February 11	21:18 MST	3 mi NNE of Panguitch, UT (felt, CIIM intensity map , ShakeMap, see Table 1)
M <sub>L</sub> 3.0	February 16	01:20 MST	4 mi E of Fountain Green, UT (felt, CIIM intensity map , ShakeMap, see Table 1)
M <sub>L</sub> 3.1	February 29	15:36 MST	16 mi SSW of Enterprise, UT (felt, CIIM intensity map , ShakeMap, see Table 1)
M <sub>L</sub> 3.0	March 25	17:07 MDT	18 mi W of Levan, UT (felt, CIIM intensity map, see Table 1)
M <sub>L</sub> 3.4	March 29	11:22 MDT	9 mi WNW of Emery, UT (felt, CIIM intensity map , see Table 1)

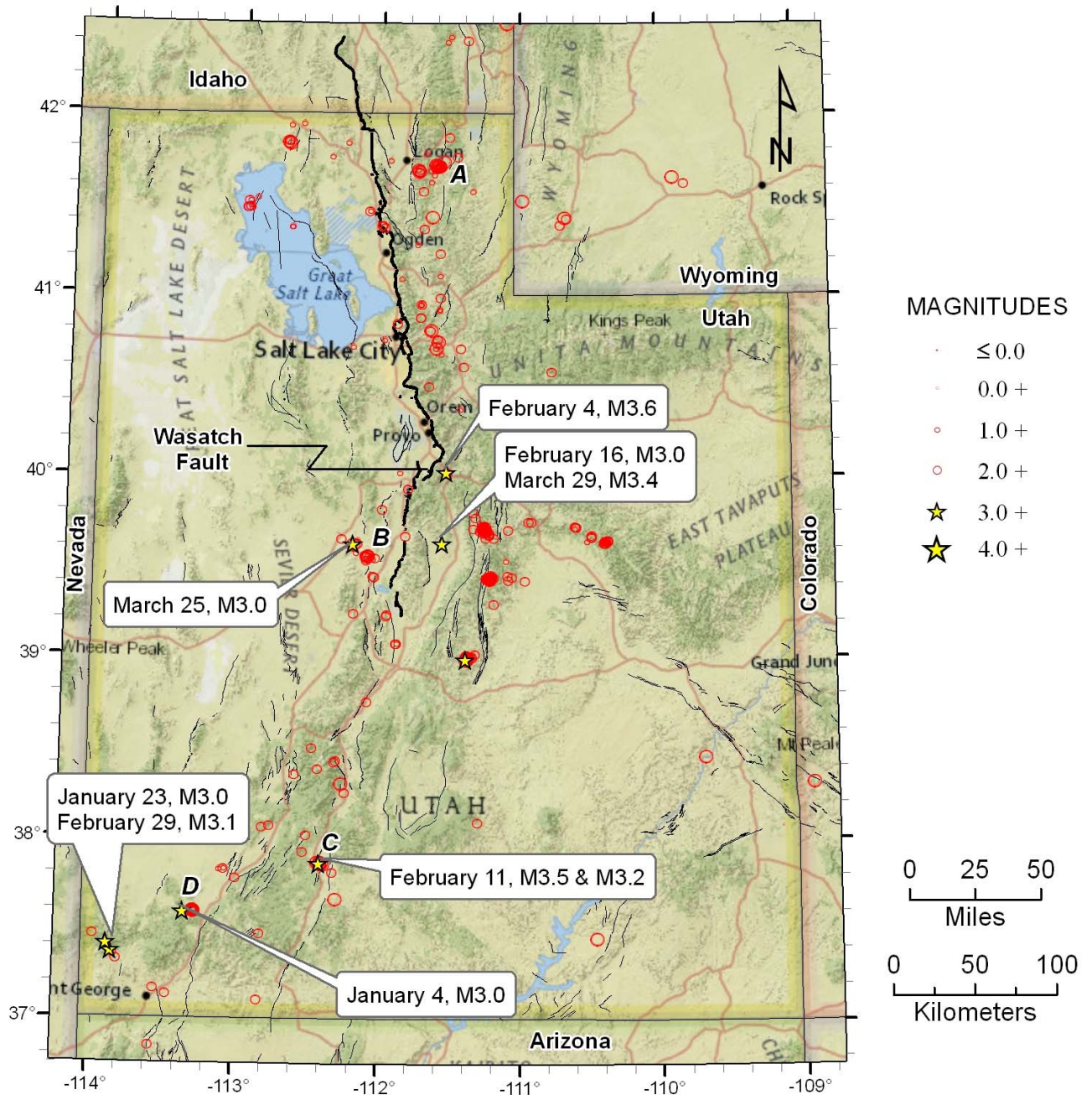
## Other Notable Seismicity

During the report period, there were four notable spatial clusters of natural earthquake activity (labeled A to D in Figure 1). For reporting purposes, we define a cluster as ten or more earthquakes occurring within a 10-km (6-mile) radius during the report period.

- A. A cluster of 26 earthquakes ( $0.5 \leq M \leq 2.6$ ) occurred about 12 miles E of Providence, UT. Twenty- one of these events, including a magnitude 2.6 shock, occurred between January 1 and January 2.
- B. A cluster of 13 earthquakes ( $0.7 \leq M \leq 2.5$ ) occurred about 12 miles E of Levan, UT. Twelve of these events, including a magnitude 2.5 shock, occurred between January 10 and January 11.
- C. A cluster of 12 earthquakes ( $1.2 \leq M \leq 3.5$ ) occurred about 3 mi NE of Panguitch, UT. Eight of these events, including a magnitude 3.5 shock, occurred on February 12.
- D. A cluster of 18 earthquakes ( $0.5 \leq M \leq 3.0$ ) occurred about 14 mi SW of Cedar City, UT. Seventeen of these events, including a magnitude 2.3 shock, occurred between March 3 and March 4.

In Figure 1, the locally clustered seismic events within a radius of approximately 30 miles of Price, together with a localized cluster about 50 miles to its southwest, are associated with known areas of underground coal mining and are interpreted to be mining-related. These include a total of 332 located shocks ( $0.1 \leq M \leq 3.4$ ) that occurred throughout the report period.

## Seismicity of the Utah Region January 1, 2012 - March 31, 2012



**Figure 1. Earthquake epicenters, located by the University of Utah Seismograph Stations, superposed on a map of Quaternary (geologically young) faults compiled by the Utah Geological Survey. The Wasatch fault is shown in bold. Earthquakes of magnitude 3.0 and larger are labeled by local date and size. Earthquake clusters labeled A to D are discussed in the text.**

**Table 1**

**EARTHQUAKES FELT AND/OR GENERATING A SHAKEMAP IN THE UTAH REGION  
January 1, 2012 to March 31, 2012**

<b>Date</b>	<b>Time†</b>	<b>Felt Information‡</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Magnitude§</b>
January 05	12:49 MST 19:49 UTC	Utah. <i>CIIM</i> . Felt (III) at Salt Lake City, UT, and (II) at Park City, Bountiful, Roy, and Orem, UT.	40° 47.94'	111° 38.60'	M <sub>L</sub> 2.8
January 23 January 24	23:01 MST 06:01 UTC	Utah. <i>CIIM</i> . Felt (II) at Saint George, Ivins, Washington, Hurricane, and Cedar City, UT and Littlefield, AZ.	37° 24.15'	113° 52.50'	M <sub>L</sub> 3.0
February 04	04:27 MST 11:27 UTC	Utah. <i>CIIM. ShakeMap</i> . Felt (III) at Salem and Spanish Fork, UT and (II) at Mapleton, Santaquin, Payson, Springville, Provo, Eagle Mountain, and Salt Lake City, UT.	40° 01.09'	111° 31.50'	M <sub>L</sub> 3.6
February 11 February 12	20:06 MST 03:06 UTC	Utah. <i>CIIM. ShakeMap</i> . Felt (III) at Panguitch, UT and (II) at Kingman (?), AZ.	37° 51.31'	112° 24.26'	M <sub>L</sub> 3.2
February 11 February 12	21:18 MST 04:18 UTC	Utah. <i>CIIM. ShakeMap</i> . Felt (III) at Panguitch and Milford (?), UT and (II) at Parowan, Escalante, Cedar City, and Payson (?), UT.	37° 51.35'	112° 24.29'	M <sub>L</sub> 3.5
February 16	01:20 MST 08:20 UTC	Utah. <i>CIIM. ShakeMap</i> . Felt (III) at Fairview, UT and (II) at Mount Pleasant, Ephraim, Nephi, Salt Lake City, and Fielding (?), UT.	39° 37.47'	111° 33.25'	M <sub>L</sub> 3.0
February 29	15:36 MST 22:36 UTC	Utah. <i>CIIM. ShakeMap</i> . Felt (III) at Veyo, Central, Washington, and Hurricane, UT and (II) at Saint George, Ivins, La Verkin, Parowan, UT, and Las Vegas (?), NV.	37° 21.55'	113° 50.50'	M <sub>L</sub> 3.0



**Table 1**

**EARTHQUAKES FELT AND/OR GENERATING A SHAKEMAP IN THE UTAH REGION  
January 1, 2012 to March 31, 2012**

March 25	17:07 MDT 23:07 UTC	Utah. <i>CIIM</i> . Felt (III) at Delta, UT and (II) at Lehi, Pleasant Grove, UT, and Kemmerer (?), WY.	39° 37.08'	112° 11.52'	M <sub>L</sub> 3.0
March 29	11:22 MDT 17:22 UTC	Utah. <i>CIIM</i> . Felt (II) at Monroe, UT.	38° 58.94'	111° 23.13'	M <sub>L</sub> 3.4

† Times are listed both as Local Time—Mountain Standard Time (MST) or Mountain Daylight Time (MDT)—and as Universal Coordinated Time (UTC).

‡ *CIIM* indicates the availability of a Community Internet Intensity Map (<http://earthquake.usgs.gov/earthquakes/dyfi/archives.php>), compiled by the U.S. Geological Survey (USGS); *ShakeMap* indicates the availability of computer-generated maps of ground-shaking (<http://www.seis.utah.edu/shake/archive>), produced by the University of Utah Seismograph Stations (UUSS). Roman numerals correspond to the Modified Mercalli intensity scale. Unless otherwise indicated, felt information is from the USGS's (1) CIIM reports and/or (2) PDE Monthly (or) Weekly Listing Files (<http://earthquake.usgs.gov/research/data/pde.php>).

§ Richter local magnitude (M<sub>L</sub>) or coda magnitude (M<sub>C</sub>) determined by UUSS. If labeled “NEIC,” data are from the National Earthquake Information Center of the USGS.

# Utah Regional/Urban Seismic Network March 31, 2012

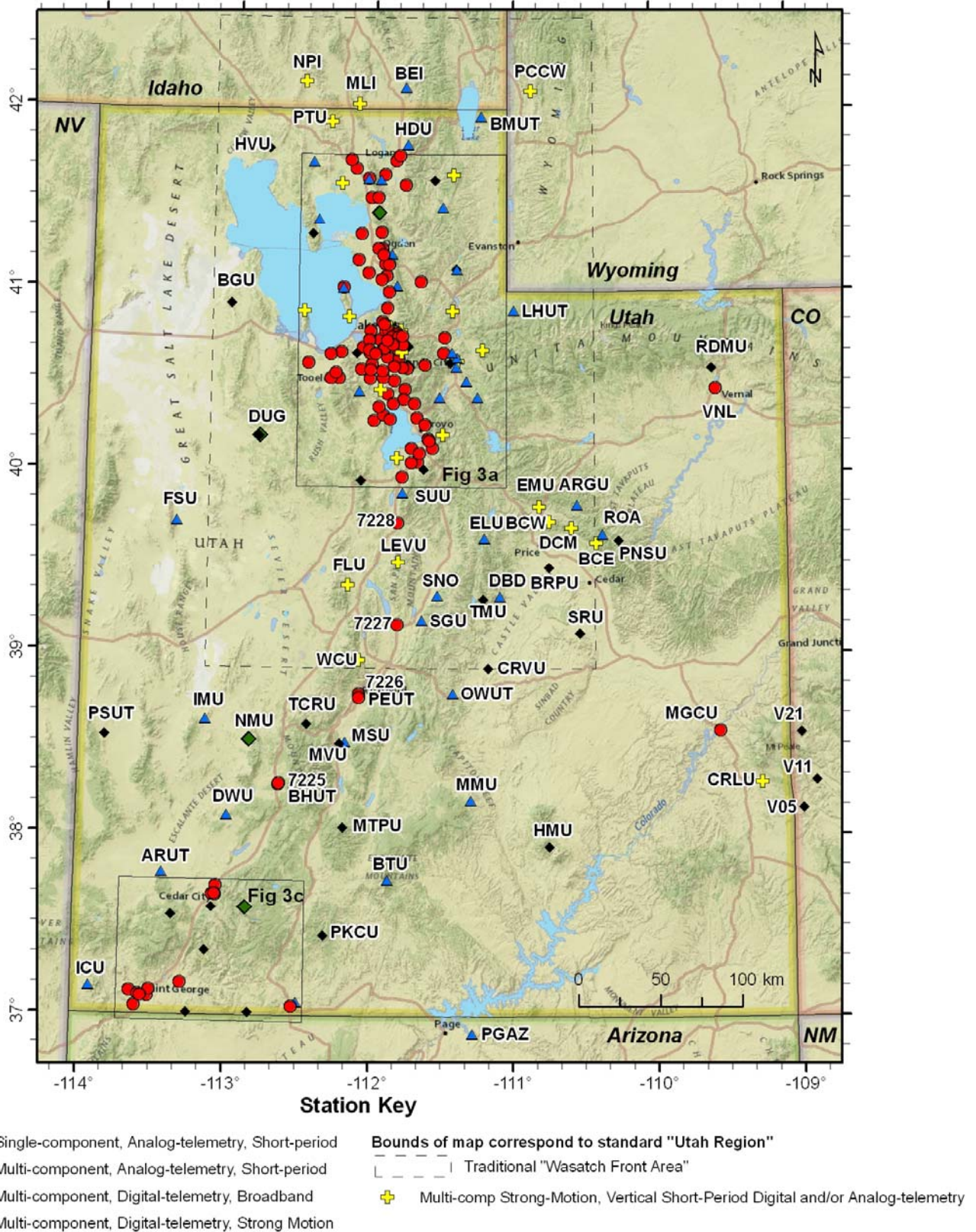


Figure 2

# Utah Urban Seismic Network (March 31, 2012)

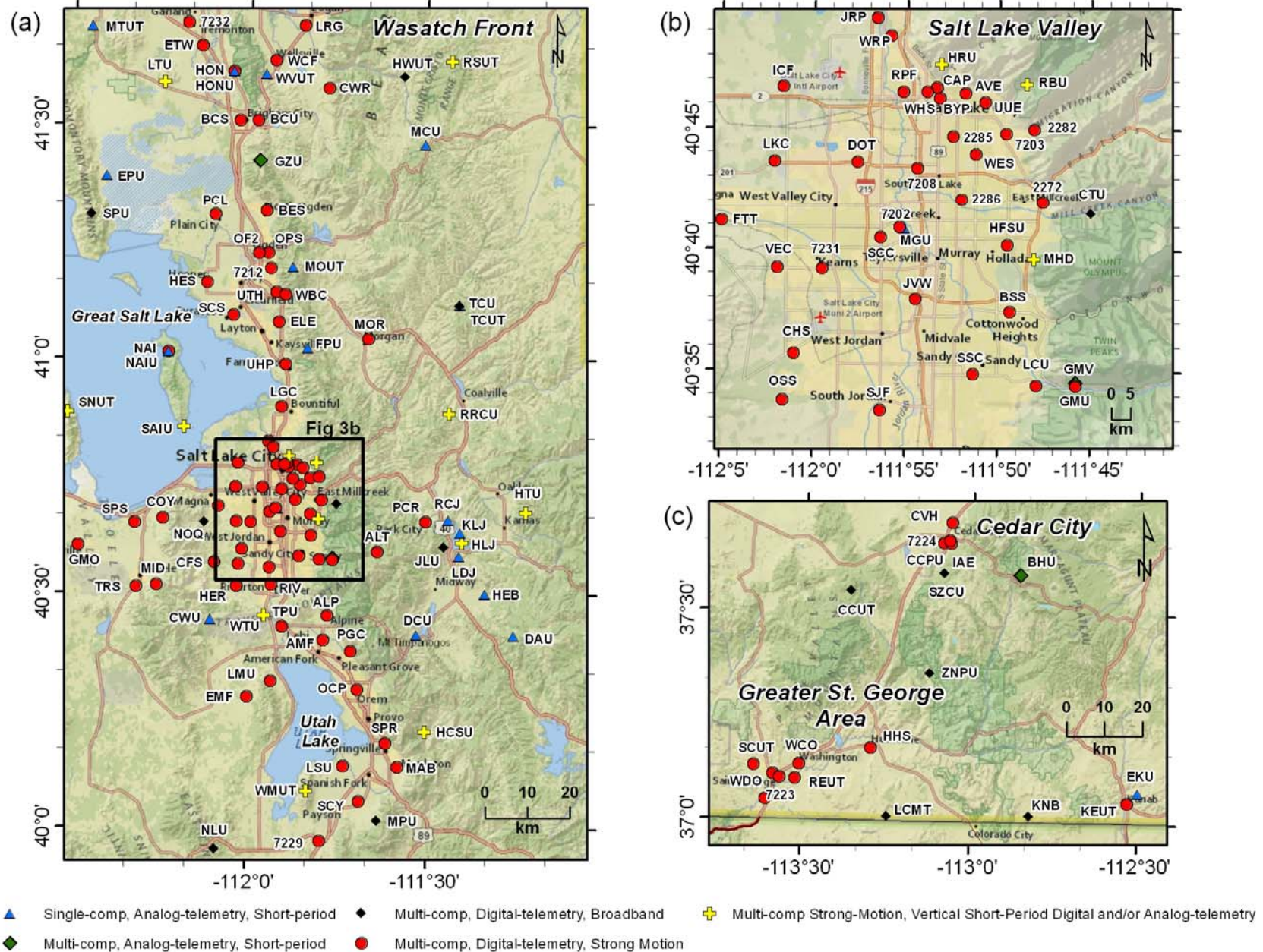


Figure 3

**Table 2. Earthquakes in the Utah Region: January 1–March 31, 2012**

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
120101	02:58:06.17	40° 44.90'	111° 58.66'	9.3	0.4	11	91	15	0.12
120101	02:58:43.00	40° 44.61'	111° 58.80'	10.5	-4	8	108	15	0.17
120101	04:41:31.75	38° 44.81'	112° 05.23'	2.0*	1.5	18	59	24	0.27
120101	10:34:00.28	39° 42.46'	111° 15.45'	2.2	1.6	15	116	9	0.26
120101	15:22:47.12	41° 42.89'	111° 37.02'	1.6*	2.1W	16	72	18	0.15
120101	15:39:00.46	41° 42.75'	111° 36.15'	5.8*	1.8	17	72	16	0.16
120101	15:52:43.83	41° 41.90'	111° 34.15'	14.9	0.7	9	84	13	0.15
120101	17:21:21.78	41° 55.63'	112° 40.87'	3.8*	0.8	10	184	18	0.17
120101	18:10:35.18	41° 41.78'	111° 34.29'	17.4	1.7	9	75	13	0.07
120101	18:12:30.92	41° 42.61'	111° 33.97'	14.2	0.7	8	81	14	0.30
120101	18:13:00.80	41° 41.60'	111° 34.88'	16.7	1.4	7	87	14	0.05
120101	18:16:17.26	41° 42.95'	111° 37.01'	3.0*	1.6	13	136	18	0.16
120101	18:16:51.94	41° 43.89'	111° 33.30'	5.2*	2.6W	8	126	30	0.14
120101	18:19:52.63	41° 42.14'	111° 35.30'	12.8	1.3	10	86	15	0.11
120101	18:22:07.89	41° 42.39'	111° 36.19'	10.3	2.3W	14	70	16	0.12
120101	18:23:57.37	41° 34.01'	111° 20.38'	1.7*	0.2	5	261	11	0.32
120101	18:36:48.77	41° 41.41'	111° 36.50'	10.2	1.1	7	132	16	0.06
120101	19:01:14.42	41° 45.38'	111° 27.31'	2.5*	1.4	8	234	13	0.35
120101	19:06:21.60	41° 43.01'	111° 35.13'	7.2*	0.6	5	144	16	0.12
120101	19:09:13.66	41° 41.99'	111° 35.34'	12.8	1.6	12	83	11	0.11
120101	19:29:01.62	41° 42.38'	111° 34.80'	11.4	1.1	9	122	11	0.16
120101	19:29:04.01	39° 37.69'	110° 24.09'	1.6	0.8	6	109	2	0.35
120101	20:00:40.76	41° 42.40'	111° 35.34'	10.9	2.0W	11	74	11	0.21
120101	20:12:49.60	41° 42.28'	111° 35.13'	11.9	0.9	11	80	11	0.16
120101	20:39:13.11	41° 41.52'	111° 36.31'	11.2	0.9	6	149	16	0.10
120101	22:24:13.01	41° 31.61'	112° 55.04'	2.0*	0.8	9	261	31	0.18
120101	23:11:46.87	40° 58.75'	111° 34.67'	10.1	1.0	21	58	16	0.19
120101	23:24:20.05	41° 42.31'	111° 35.31'	10.8	0.7	9	81	11	0.18
120102	11:07:17.90	39° 42.47'	111° 15.55'	2.2	1.6	14	94	9	0.31
120102	12:25:36.40	41° 42.11'	111° 34.87'	12.9	1.5	7	88	14	0.20
120102	12:26:26.89	41° 41.80'	111° 33.99'	17.1	0.5	7	141	13	0.03
120102	13:06:53.59	41° 41.13'	111° 34.69'	18.5	0.9	7	70	13	0.07
120102	16:10:08.37	39° 26.25'	111° 13.49'	2.8*	1.4	8	121	16	0.17
120102	23:10:40.62	39° 37.68'	110° 24.19'	1.6	0.9	6	105	2	0.38
120102	23:39:05.04	39° 26.19'	111° 13.31'	2.4*	1.4	8	119	16	0.17
120102	23:59:07.17	41° 16.26'	111° 44.49'	11.1	0.7	11	106	20	0.14
120103	01:23:18.37	39° 26.23'	111° 13.57'	3.2*	1.2	9	121	16	0.15
120103	09:37:17.13	39° 26.12'	111° 13.89'	5.1*	1.4	11	122	16	0.18
120103	14:15:22.72	39° 41.86'	111° 15.48'	1.7	1.4	11	113	8	0.25
120103	17:05:32.34	39° 37.71'	110° 23.50'	1.6	0.4	5	130	2	0.31
120104	01:39:58.63	39° 26.07'	111° 13.26'	2.4*	1.4	13	85	15	0.19
120104	02:12:39.60	41° 25.44'	111° 38.34'	7.1	2.1W	28	69	12	0.22
120104	03:34:19.78	39° 31.87'	111° 06.04'	4.0*	0.7	5	98	15	0.12
120104	13:08:51.67	38° 14.72'	112° 14.23'	2.2*	1.5	11	79	23	0.30
120104	17:18:55.64	37° 34.92'	113° 20.84'	1.0	3.0W	21	110	4	0.36

**Table 2. Earthquakes in the Utah Region: January 1–March 31, 2012**

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
120105	17:32:26.26	41° 21.82'	111° 58.90'	1.8	1.1	10	91	7	0.20
120105	19:49:43.35	40° 47.94'	111° 38.60'	9.6	2.8W	43	32	14	0.20
120105	23:21:00.52	41° 41.95'	111° 36.10'	13.3	0.5	6	146	11	0.10
120106	03:13:45.28	39° 37.65'	110° 23.95'	1.6	0.7	6	117	2	0.37
120106	05:37:52.29	39° 42.15'	111° 15.32'	2.2	1.4	10	70	8	0.27
120106	14:01:52.68	39° 39.10'	111° 11.35'	0.9	1.7	8	125	2	0.27
120106	15:20:17.81	39° 42.76'	111° 15.44'	7.0*	2.0	9	140	39	0.12
120106	18:03:56.22	39° 38.57'	110° 24.34'	1.7	0.5	6	107	3	0.57
120106	20:29:57.42	41° 31.01'	110° 59.22'	5.8*	2.4W	11	241	39	0.19
120107	00:13:53.59	38° 59.35'	111° 22.39'	9.8	1.7	9	80	19	0.17
120107	18:54:11.58	39° 38.13'	110° 23.33'	1.7	1.3	6	97	3	0.32
120108	03:26:22.91	38° 00.51'	112° 29.98'	0.5*	1.3	10	98	28	0.29
120108	15:48:32.56	39° 26.26'	111° 14.07'	6.4*	1.6	9	124	16	0.16
120109	01:51:25.42	40° 42.51'	112° 12.24'	8.4	0.7	12	143	10	0.14
120109	19:39:08.48	39° 26.06'	111° 13.41'	3.0*	1.5	8	85	15	0.14
120109	20:48:35.00	39° 39.25'	111° 14.80'	1.6	1.7	8	125	4	0.35
120109	22:22:43.14	39° 26.31'	111° 13.50'	3.3*	1.8	15	86	16	0.19
120109	23:50:12.79	38° 22.42'	112° 25.52'	2.6*	1.6	15	63	26	0.26
120110	04:24:46.23	39° 39.70'	110° 29.14'	2.2	1.4W	8	111	9	0.22
120110	07:50:33.71	37° 39.68'	112° 17.42'	1.0*	2.5W	23	107	24	0.18
120110	18:45:14.78	39° 32.24'	112° 04.51'	2.5*	0.8	11	87	20	0.25
120110	18:45:57.79	39° 33.26'	112° 06.39'	3.9*	1.7W	7	167	20	0.19
120110	19:03:25.10	39° 33.08'	112° 05.85'	5.2*	1.5	6	164	20	0.14
120110	19:05:39.96	39° 33.70'	112° 05.31'	2.9*	1.9W	10	163	22	0.27
120110	20:09:53.36	39° 33.16'	112° 05.63'	2.2*	2.2W	17	81	21	0.28
120110	20:11:05.82	39° 33.30'	112° 05.11'	2.5*	2.5W	16	78	21	0.24
120110	20:12:14.80	39° 32.97'	112° 05.87'	2.2*	1.8W	10	165	20	0.25
120110	20:18:28.31	39° 32.58'	112° 04.55'	2.5*	1.1	7	94	20	0.14
120110	20:25:37.14	39° 31.78'	112° 05.97'	1.5*	1.5	12	81	18	0.25
120110	20:31:10.45	39° 34.22'	112° 10.33'	6.5*	0.8	6	191	21	0.29
120110	20:54:05.01	39° 32.79'	112° 04.37'	3.1*	0.7	6	103	21	0.15
120110	21:26:19.97	39° 38.88'	112° 16.45'	5.2*	1.3	7	112	31	0.25
120111	00:02:58.28	39° 32.17'	112° 02.89'	2.8*	0.8	6	112	20	0.15
120111	06:23:57.56	39° 00.06'	111° 21.52'	9.6	1.3	7	116	19	0.32
120111	16:22:30.77	41° 50.01'	112° 15.43'	2.4*	0.8	11	106	12	0.20
120112	00:40:36.54	39° 26.11'	111° 13.68'	3.5*	1.4	9	121	16	0.13
120112	05:59:42.91	39° 44.49'	110° 54.97'	2.1*	1.6	16	89	12	0.26
120112	06:47:02.20	39° 42.30'	111° 19.87'	2.2*	1.5	6	193	13	0.19
120112	21:26:28.82	41° 22.62'	112° 00.07'	1.8	1.2	7	181	6	0.27
120113	01:57:56.54	38° 59.96'	111° 21.90'	9.4*	1.9	8	118	19	0.25
120113	09:38:33.54	38° 59.28'	111° 22.64'	8.6*	1.5	9	80	19	0.15
120113	09:43:53.49	38° 59.53'	111° 22.40'	6.5*	1.6W	12	61	19	0.16
120113	11:11:13.51	39° 26.27'	111° 13.25'	2.5*	1.2	8	120	16	0.12
120113	12:58:40.65	39° 26.05'	111° 13.18'	2.7*	1.5	7	118	15	0.20
120113	22:04:44.07	38° 59.62'	111° 20.45'	13.2	1.0	6	131	17	0.24

**Table 2. Earthquakes in the Utah Region: January 1–March 31, 2012**

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
120113	23:19:21.68	39° 37.75'	110° 24.09'	1.6	0.1	6	107	2	0.39
120113	23:20:16.51	39° 37.70'	110° 23.95'	1.6	0.7	6	115	2	0.34
120113	23:35:53.16	39° 42.93'	111° 15.57'	7.0*	1.7	10	83	40	0.22
120114	12:47:03.81	38° 29.34'	112° 28.08'	2.4*	1.8W	12	141	14	0.19
120114	20:56:07.23	39° 46.00'	111° 19.05'	7.2*	1.2	6	242	43	0.26
120115	00:53:14.28	39° 42.73'	111° 15.51'	13.5*	1.7	14	73	40	0.15
120115	00:58:51.70	42° 25.11'	111° 30.24'	6.7*	0.9	6	267	41	0.15
120115	06:25:36.09	39° 42.16'	111° 15.24'	1.7	1.5	9	138	8	0.24
120115	10:43:42.67	40° 21.91'	111° 25.81'	2.2	0.8	10	129	10	0.12
120116	10:09:10.36	39° 38.34'	110° 23.71'	0.0	0.8	6	107	3	0.20
120116	10:09:34.31	39° 42.59'	110° 36.50'	0.2	0.7	6	175	3	0.16
120116	15:39:19.73	39° 40.08'	111° 13.01'	1.7	1.3	6	174	3	0.19
120117	00:18:40.81	39° 38.22'	110° 31.06'	3.2	0.6	5	213	9	0.13
120117	04:54:29.82	38° 59.43'	111° 22.94'	12.6	1.6	8	95	24	0.06
120117	06:36:47.45	39° 42.57'	111° 15.45'	1.7	1.6	19	73	9	0.23
120117	12:57:28.64	39° 26.10'	111° 13.90'	2.5*	1.5	11	122	16	0.19
120117	13:16:42.77	39° 26.28'	111° 13.36'	3.4*	1.3	13	120	16	0.15
120117	20:00:26.33	39° 41.46'	111° 14.22'	1.7	1.3	8	134	6	0.26
120117	22:29:48.82	37° 49.48'	113° 03.88'	3.9*	0.8	10	134	26	0.25
120118	12:57:07.76	39° 47.51'	111° 20.00'	6.8*	1.2	5	248	44	0.12
120118	14:53:38.23	39° 42.67'	111° 15.98'	14.1*	1.4	10	116	40	0.25
120118	17:28:33.34	39° 41.73'	111° 14.39'	6.8*	1.5	7	218	39	0.15
120118	18:00:02.13	39° 13.72'	111° 56.93'	2.4*	1.1	7	102	25	0.15
120118	18:04:47.00	39° 13.33'	111° 57.21'	4.8*	1.1	8	103	26	0.22
120119	05:14:56.74	39° 26.24'	111° 03.60'	2.6*	0.9	7	179	14	0.23
120119	08:29:37.37	39° 41.91'	111° 15.00'	2.2	1.5	9	114	8	0.34
120120	03:57:58.03	37° 07.75'	113° 27.34'	1.6*	1.3	13	148	23	0.23
120120	04:41:56.08	39° 43.04'	111° 15.42'	11.8*	1.6W	16	74	39	0.18
120120	13:02:55.40	36° 50.50'	113° 34.17'	5.6*	1.6	10	205	35	0.20
120120	17:26:07.48	38° 59.54'	111° 23.25'	11.6*	1.4W	6	100	24	0.02
120120	23:17:56.94	38° 59.22'	111° 22.98'	12.2	1.9	11	96	23	0.13
120120	23:49:16.85	39° 00.09'	111° 21.49'	17.5	1.5	6	155	25	0.04
120121	00:05:41.58	38° 59.46'	111° 22.62'	12.6	1.8	8	95	24	0.10
120121	02:45:59.47	41° 39.56'	111° 37.60'	16.4	0.5	9	153	8	0.12
120121	04:55:28.29	41° 50.20'	112° 41.82'	4.7	2.2W	21	147	9	0.19
120121	06:15:27.34	39° 42.18'	111° 14.44'	2.2	1.6	9	115	8	0.29
120121	11:47:57.28	39° 40.90'	111° 13.18'	1.6	1.6	6	213	5	0.22
120121	15:05:26.14	39° 40.33'	111° 13.53'	1.7	1.6	6	130	4	0.26
120122	17:24:43.13	38° 04.88'	111° 18.10'	5.8*	1.9W	11	159	12	0.27
120122	23:12:50.61	41° 50.31'	112° 41.74'	5.9	1.3	19	158	9	0.21
120124	00:17:09.55	41° 50.53'	112° 41.41'	3.5	1.0	15	201	10	0.15
120124	03:32:05.29	39° 41.91'	111° 15.54'	1.7	1.8	14	113	8	0.25
120124	06:01:29.24	37° 24.15'	113° 52.50'	1.2*	3.0W	13	196	29	0.26
120124	06:39:32.23	41° 40.94'	111° 39.03'	17.7	0.5	10	118	11	0.09
120124	14:03:33.10	38° 24.84'	112° 18.59'	2.2*	1.0	9	123	16	0.17

**Table 2. Earthquakes in the Utah Region: January 1–March 31, 2012**

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
120124	18:09:05.65	39° 41.39'	111° 14.40'	1.7	1.5	7	217	6	0.29
120124	19:02:44.41	38° 59.49'	111° 22.70'	13.2	1.3W	9	95	24	0.14
120124	19:46:34.10	41° 05.03'	111° 51.47'	5.2*	0.4	5	240	38	0.38
120125	00:41:30.33	41° 40.65'	111° 44.23'	10.3	2.4W	17	57	20	0.20
120125	05:44:24.94	41° 40.19'	111° 43.95'	11.2	1.1	14	134	20	0.18
120125	16:10:10.73	39° 40.14'	111° 13.13'	1.6	1.6	9	174	4	0.22
120125	23:24:36.04	39° 41.31'	111° 14.05'	1.7	1.6	11	134	6	0.27
120126	03:25:26.49	39° 40.07'	110° 29.39'	1.7	1.7	9	109	9	0.22
120126	04:23:31.26	39° 41.34'	111° 14.74'	1.7	1.7	14	118	7	0.21
120126	05:38:20.06	39° 26.36'	111° 13.67'	2.4*	1.4	8	121	16	0.15
120126	06:33:37.38	38° 59.68'	111° 22.78'	11.7*	2.0W	10	95	24	0.09
120126	06:59:03.71	38° 59.59'	111° 22.55'	12.4	1.4	9	95	24	0.08
120126	07:35:12.77	38° 59.45'	111° 22.74'	8.5*	1.4W	9	95	24	0.10
120126	07:55:55.31	38° 59.98'	111° 22.66'	14.6	1.4	7	95	25	0.15
120126	12:21:47.76	39° 17.37'	111° 11.11'	0.2	1.5	8	144	2	0.24
120126	13:03:39.49	38° 59.63'	111° 22.42'	13.5	1.4	9	96	24	0.17
120126	14:02:27.37	38° 59.98'	111° 23.04'	19.9	1.6	6	124	25	0.16
120126	15:26:19.73	38° 59.44'	111° 22.86'	12.6	1.3	7	95	24	0.11
120126	15:40:17.81	39° 48.53'	111° 59.22'	2.4*	1.2	10	137	18	0.26
120126	19:22:19.54	39° 43.36'	111° 15.56'	12.7*	1.5	11	80	39	0.06
120126	19:44:00.13	37° 26.73'	110° 27.68'	1.6*	2.2	6	271	60	0.09
120126	20:22:28.92	39° 39.48'	110° 29.33'	2.2	1.5W	9	102	9	0.24
120126	20:56:42.13	41° 06.03'	111° 34.68'	4.1*	0.8	7	164	14	0.02
120127	05:59:53.62	39° 42.45'	111° 15.74'	2.2	1.5	15	116	9	0.27
120127	06:13:58.35	39° 37.54'	110° 23.92'	1.6	1.4	6	122	2	0.33
120127	18:06:06.57	39° 39.78'	111° 49.11'	3.9*	1.0	7	126	17	0.14
120127	21:03:47.45	39° 37.78'	110° 23.87'	1.6	1.6	6	115	2	0.35
120127	21:24:46.17	41° 28.56'	112° 58.19'	5.7*	1.0	13	236	38	0.13
120127	22:03:31.39	41° 27.99'	112° 57.50'	5.2*	0.9	10	234	38	0.17
120128	02:03:22.63	38° 59.45'	111° 22.33'	8.1*	1.5	9	76	19	0.18
120128	02:06:51.06	38° 59.40'	111° 22.94'	7.8*	1.8W	11	70	20	0.12
120128	03:34:17.97	38° 59.28'	111° 22.53'	7.1*	1.4	8	123	19	0.15
120128	18:26:18.81	39° 42.71'	111° 15.64'	2.2	1.7	14	73	9	0.28
120128	19:04:47.79	41° 41.03'	111° 44.04'	3.1*	1.6	15	66	14	0.16
120128	19:33:31.50	39° 41.33'	111° 14.98'	2.2	1.5	9	133	7	0.32
120128	19:57:40.91	39° 42.41'	111° 15.58'	2.2	1.7	12	85	9	0.26
120128	21:46:02.01	39° 44.47'	110° 56.22'	6.2*	1.4	9	188	13	0.25
120129	01:55:14.30	40° 34.27'	110° 46.29'	12.5*	1.5	13	275	40	0.11
120129	02:30:21.46	38° 59.36'	111° 22.26'	9.6	1.3W	10	81	19	0.15
120129	15:26:02.85	38° 59.40'	111° 22.81'	5.4*	2.4W	27	41	20	0.14
120129	15:52:56.08	41° 40.13'	111° 44.21'	12.0	1.0	11	91	20	0.14
120129	17:03:41.70	38° 59.40'	111° 21.26'	9.3	1.4	6	116	18	0.07
120129	18:43:39.19	39° 00.03'	111° 20.74'	13.5	1.3	7	113	18	0.20
120130	02:20:32.79	38° 25.14'	112° 18.06'	3.5*	1.3	11	74	15	0.09
120130	03:03:54.88	37° 09.39'	113° 32.65'	2.9*	1.0	10	148	31	0.22

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
120130	03:55:17.53	38° 59.23'	111° 22.63'	6.7*	1.6	8	80	19	0.15
120130	11:03:40.24	40° 47.71'	111° 38.79'	10.4	1.4	34	31	14	0.17
120130	17:36:43.33	39° 41.59'	111° 17.06'	1.8	1.7	13	110	9	0.19
120130	17:37:06.90	38° 04.16'	109° 09.08'	10.2	--	5	278	18	0.04
120130	22:09:26.18	38° 59.75'	111° 22.50'	8.5*	1.2	11	80	20	0.19
120130	22:27:20.69	39° 41.75'	111° 15.37'	2.1	1.3	7	113	8	0.33
120131	01:05:11.61	39° 40.78'	111° 15.75'	2.2	1.4	7	166	7	0.12
120131	03:02:51.38	39° 55.46'	111° 47.98'	5.0	1.4	26	108	4	0.22
120131	07:23:28.76	38° 59.51'	111° 22.57'	10.5	1.5	15	60	20	0.15
120131	11:39:20.24	39° 41.80'	111° 04.88'	6.8	1.7	10	181	12	0.17
120131	11:55:56.57	39° 42.52'	111° 15.81'	1.8	1.7	16	73	9	0.22
120131	13:56:31.15	41° 28.25'	112° 59.39'	4.3*	0.9	12	204	39	0.12
120131	16:55:28.66	39° 42.81'	111° 15.93'	14.1*	1.6	14	117	40	0.20
120201	00:38:29.75	37° 49.17'	113° 06.02'	7.2*	0.6	14	57	25	0.21
120202	17:11:20.55	39° 38.34'	112° 09.72'	5.2*	0.5	8	190	29	0.27
120203	00:57:25.78	39° 41.21'	111° 14.44'	1.7	1.7	10	134	6	0.21
120203	07:53:49.49	39° 26.11'	111° 13.13'	2.2*	1.4	8	118	15	0.16
120203	13:13:54.09	38° 03.80'	112° 45.65'	2.5*	1.6	9	123	21	0.28
120203	16:54:43.59	40° 29.27'	111° 39.24'	13.2	1.7	5	257	14	0.03
120204	05:57:34.04	39° 38.18'	110° 23.13'	1.7	1.7	7	98	3	0.40
120204	08:02:37.69	39° 41.92'	111° 15.47'	2.2	1.2	9	136	8	0.28
120204	11:27:03.69	40° 01.09'	111° 31.50'	8.8*	3.6W	29	78	27	0.23
120204	11:34:24.68	40° 00.82'	111° 31.59'	8.4	1.6	24	77	9	0.22
120204	11:59:55.47	40° 00.43'	111° 31.35'	8.6	1.1	17	91	10	0.17
120204	14:09:40.07	40° 00.95'	111° 31.46'	8.6	1.1	14	82	9	0.17
120205	09:39:13.62	41° 41.05'	111° 44.46'	0.2*	2.0W	18	58	13	0.21
120205	11:02:56.54	41° 28.91'	112° 57.81'	6.9*	0.3	9	271	37	0.16
120205	11:47:12.30	41° 28.14'	112° 59.06'	5.5*	1.5	12	258	39	0.11
120205	19:09:14.99	38° 03.20'	112° 48.41'	8.0*	1.5	8	83	18	0.15
120205	19:26:02.89	37° 18.96'	113° 48.37'	4.1*	1.5	9	183	21	0.18
120206	02:30:24.84	40° 35.95'	111° 24.27'	10.4	1.2	15	88	1	0.17
120207	07:51:19.48	41° 21.46'	111° 41.94'	9.7*	1.1	27	77	20	0.19
120208	04:17:48.78	39° 41.80'	111° 15.43'	1.7	1.6	11	136	8	0.29
120208	04:32:48.98	39° 38.40'	110° 22.51'	1.6	1.7	8	172	3	0.33
120208	09:32:33.08	38° 59.43'	111° 22.14'	7.9*	1.6	8	120	19	0.18
120208	17:40:10.30	39° 00.39'	111° 22.92'	12.4	1.3	8	123	21	0.22
120208	18:35:49.10	39° 41.59'	111° 14.77'	1.7	1.5	9	91	7	0.27
120209	23:20:50.53	39° 42.10'	111° 14.63'	2.2	1.6W	8	93	8	0.39
120209	23:40:55.10	41° 25.27'	110° 40.52'	0.2*	2.0W	7	148	65	0.12
120210	03:40:50.89	41° 41.29'	111° 44.60'	2.2*	0.9	12	71	13	0.19
120210	06:56:15.39	40° 52.13'	111° 42.99'	7.8	1.0	16	115	13	0.17
120210	07:18:07.27	39° 38.20'	110° 23.37'	1.7	1.6	6	154	3	0.46
120210	13:30:22.78	40° 52.05'	111° 42.99'	7.6	1.2	18	115	12	0.19
120210	22:41:25.10	41° 49.99'	112° 41.25'	3.1	0.9	10	151	9	0.14
120210	23:05:41.79	41° 49.67'	112° 41.24'	3.5	2.2W	21	147	9	0.18



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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
120212	00:54:46.71	39° 41.76'	111° 14.95'	2.2	1.5	10	136	7	0.25
120212	03:06:09.53	37° 51.31'	112° 24.26'	0.5*	3.2W	25	101	28	0.24
120212	03:10:24.63	37° 50.53'	112° 23.17'	1.2*	1.6	18	103	28	0.24
120212	03:49:43.71	37° 51.21'	112° 23.89'	1.4*	2.3W	20	128	28	0.18
120212	04:18:59.69	37° 51.35'	112° 24.29'	0.1*	3.5W	28	101	28	0.24
120212	06:41:49.95	37° 51.22'	112° 24.10'	2.9*	2.8W	16	128	28	0.17
120212	07:14:02.62	37° 51.22'	112° 24.09'	1.0*	1.8	12	101	46	0.21
120212	09:19:30.35	37° 51.67'	112° 24.10'	3.2*	2.2	12	101	28	0.10
120212	15:48:53.53	38° 59.52'	111° 21.76'	11.6	1.5	8	103	19	0.16
120212	19:06:01.02	37° 51.74'	112° 25.10'	1.3*	2.2	11	111	48	0.20
120213	18:03:57.17	41° 37.18'	111° 38.75'	9.3	0.6	13	69	7	0.25
120214	03:37:06.62	39° 41.75'	111° 16.22'	1.8	1.5	12	138	8	0.20
120215	00:36:57.58	38° 59.26'	111° 23.19'	10.7*	1.7	10	95	23	0.16
120215	03:03:12.24	39° 42.49'	111° 15.20'	2.2	1.6	16	73	9	0.30
120215	04:52:42.14	39° 42.78'	111° 15.27'	8.6*	1.4	16	73	39	0.23
120216	00:29:23.26	37° 27.74'	112° 48.91'	3.1*	1.9	15	59	15	0.16
120216	00:34:11.36	37° 49.17'	113° 04.20'	5.2*	1.2	7	132	25	0.21
120216	00:43:24.45	41° 22.81'	110° 42.53'	5.5*	1.9W	7	171	67	0.13
120216	07:35:49.15	39° 25.32'	111° 12.88'	8.1	1.5W	16	118	14	0.14
120216	08:20:58.48	39° 37.47'	111° 33.25'	4.5*	3.0W	36	56	26	0.21
120216	12:22:20.10	38° 59.55'	111° 23.14'	14.8	1.3	6	100	24	0.15
120216	17:39:06.67	39° 25.92'	111° 12.75'	2.1*	1.3	10	116	15	0.16
120216	18:20:42.15	39° 25.99'	111° 13.02'	2.0*	1.4	11	117	15	0.16
120216	23:03:30.25	42° 23.45'	111° 31.73'	2.1*	0.9	7	169	37	0.12
120217	00:46:27.35	39° 43.25'	111° 15.99'	13.4*	1.1	9	108	40	0.14
120217	02:07:56.82	41° 46.36'	111° 41.24'	7.0*	0.7	9	96	29	0.17
120217	07:32:57.71	39° 38.25'	110° 22.27'	1.6	1.6	7	182	3	0.33
120217	14:37:29.29	39° 26.45'	111° 12.90'	3.2*	1.6	7	118	16	0.10
120217	21:03:41.20	41° 34.00'	111° 42.41'	9.2	1.4	18	62	13	0.15
120217	23:52:39.35	38° 58.95'	111° 22.40'	14.8	1.7	9	81	19	0.22
120218	00:57:33.89	39° 41.59'	111° 14.45'	1.7	1.3	11	135	7	0.26
120218	02:15:40.02	38° 59.09'	111° 22.84'	8.5*	1.6	13	81	20	0.17
120218	04:26:43.21	39° 42.48'	111° 15.46'	1.7	1.6	13	84	9	0.34
120218	08:59:34.78	38° 58.87'	111° 22.33'	1.5*	1.7	9	64	19	0.13
120218	18:44:45.79	41° 41.04'	111° 37.60'	16.9	0.5	11	190	10	0.15
120218	22:11:50.61	38° 58.99'	111° 22.51'	6.4*	1.7	8	81	19	0.16
120219	01:58:14.11	37° 46.31'	112° 59.39'	14.6	1.5	8	86	21	0.34
120220	10:56:33.75	39° 25.79'	111° 13.36'	2.1*	1.6	12	86	15	0.18
120221	00:28:59.79	41° 24.90'	110° 39.60'	0.6*	1.8W	8	219	65	0.25
120221	01:43:28.35	37° 27.29'	113° 58.33'	4.0*	1.3	11	192	34	0.21
120221	02:23:35.56	39° 25.82'	111° 13.28'	6.0*	1.7	16	66	15	0.18
120221	20:55:42.57	39° 25.47'	111° 13.16'	5.6*	1.6	12	116	14	0.18
120221	22:05:13.23	39° 25.63'	111° 12.59'	6.8*	1.4	7	174	15	0.15
120221	22:19:12.89	39° 26.26'	111° 12.55'	3.4*	1.5	9	116	16	0.14
120221	22:26:38.60	39° 42.36'	111° 15.63'	1.7	1.7	13	72	9	0.35

**Table 2. Earthquakes in the Utah Region: January 1–March 31, 2012**

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
120222	02:42:06.79	39° 25.82'	111° 13.14'	6.6*	1.5W	19	52	15	0.16
120222	02:52:10.70	39° 25.13'	111° 12.78'	6.3*	1.6W	16	131	14	0.10
120222	06:08:37.56	39° 25.77'	111° 13.45'	5.0*	1.5W	18	49	15	0.18
120222	10:00:37.83	39° 25.71'	111° 13.20'	2.5*	1.7	12	117	15	0.16
120222	17:04:34.09	39° 26.37'	111° 11.79'	3.4*	1.0	6	124	16	0.15
120223	02:27:03.99	39° 00.11'	111° 22.40'	18.3	1.3	6	103	25	0.18
120223	20:27:58.35	38° 59.36'	111° 22.71'	13.8	1.7	9	95	24	0.16
120224	07:27:23.38	38° 59.29'	111° 22.78'	3.2*	1.4	9	95	24	0.16
120224	08:12:37.35	38° 59.15'	111° 22.37'	2.5*	1.7	11	97	23	0.18
120224	17:57:39.86	39° 25.75'	111° 13.34'	2.5*	1.2	13	118	15	0.14
120224	20:42:01.14	39° 42.11'	111° 15.89'	1.7	1.4	11	86	9	0.30
120225	02:33:13.90	39° 26.52'	112° 02.99'	1.9*	1.8W	16	86	13	0.19
120225	05:55:29.94	41° 36.45'	109° 47.98'	1.7*	1.8	8	183	125	0.08
120225	06:15:16.00	41° 38.83'	109° 53.02'	1.6*	2.5W	10	156	96	0.30
120225	10:02:45.87	39° 42.26'	111° 15.51'	1.7	1.4W	10	115	9	0.35
120225	13:43:54.18	39° 42.12'	111° 15.14'	2.2	1.6	7	115	8	0.40
120225	16:11:37.39	39° 25.63'	111° 13.00'	0.1*	1.7	10	116	15	0.11
120225	17:01:57.06	39° 42.94'	110° 36.39'	0.0	1.5	7	127	3	0.11
120226	03:38:16.18	39° 25.39'	111° 12.73'	7.4	1.5	6	164	14	0.14
120226	07:45:50.60	39° 26.00'	111° 13.12'	3.0*	1.7	8	118	15	0.17
120226	13:38:30.85	41° 45.25'	112° 22.62'	2.4*	0.4	6	130	11	0.16
120227	02:18:57.78	37° 54.97'	112° 31.45'	6.9*	1.2	6	88	46	0.28
120227	07:37:30.51	38° 58.93'	111° 22.89'	10.3*	1.6W	10	96	23	0.15
120227	09:26:46.97	40° 00.97'	111° 51.74'	1.9	0.9	7	92	8	0.05
120227	11:34:30.52	39° 42.20'	111° 15.34'	2.2	1.5	10	115	8	0.28
120227	23:02:31.15	39° 25.45'	111° 12.88'	2.4*	1.8	8	151	14	0.12
120227	23:52:28.89	38° 59.16'	111° 22.77'	2.9*	1.5W	12	96	23	0.15
120228	02:16:46.03	39° 26.02'	111° 12.92'	5.3*	0.9	12	116	15	0.17
120228	03:34:47.25	39° 25.62'	111° 13.27'	6.0*	1.5	16	84	15	0.15
120228	10:00:10.31	39° 25.73'	111° 13.39'	4.5*	1.1	13	118	15	0.15
120228	16:16:53.48	39° 04.26'	111° 52.86'	3.1*	1.3	6	149	22	0.20
120228	16:24:37.43	39° 25.80'	111° 12.90'	2.4*	1.5	8	116	15	0.12
120228	17:52:02.46	39° 25.18'	111° 12.98'	6.3*	1.8W	14	131	14	0.13
120228	19:45:38.98	40° 40.21'	111° 34.25'	7.1	0.5	11	110	11	0.05
120229	03:51:39.63	39° 25.56'	111° 13.20'	6.4*	1.4	14	116	14	0.13
120229	09:15:40.18	39° 25.82'	111° 13.15'	2.5*	1.2	12	117	15	0.14
120229	22:36:22.34	37° 21.55'	113° 50.50'	1.3*	3.0W	15	163	24	0.26
120229	22:48:56.61	37° 20.95'	113° 49.92'	0.6*	1.7	12	159	24	0.28
120301	01:08:42.10	39° 25.99'	111° 12.87'	2.7*	1.6	7	116	15	0.18
120301	04:45:14.14	39° 25.95'	111° 13.81'	2.4*	1.7	9	121	15	0.19
120301	14:39:03.27	39° 26.16'	111° 13.12'	2.7*	1.7	8	118	16	0.14
120301	15:16:24.10	39° 26.14'	112° 02.41'	2.5*	1.1	8	61	13	0.29
120301	18:50:07.25	39° 04.07'	111° 53.19'	3.8*	1.5	14	62	21	0.24
120301	19:30:22.07	39° 25.00'	111° 12.83'	3.9*	1.5	6	163	13	0.03
120301	21:12:20.22	39° 25.11'	110° 57.77'	31.5	1.7	6	172	16	0.39

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
120302	14:15:55.51	42° 23.76'	111° 22.84'	4.2*	1.5	8	169	45	0.23
120302	19:46:52.31	39° 41.75'	111° 15.10'	2.2	1.8W	19	113	7	0.24
120302	23:58:53.60	41° 56.28'	112° 35.21'	4.8*	0.9	9	152	24	0.09
120303	12:52:09.37	38° 59.20'	111° 22.62'	7.4*	2.2	12	56	19	0.17
120303	17:38:28.57	37° 35.56'	113° 16.38'	2.5	0.9	11	87	9	0.14
120303	18:32:22.91	38° 59.23'	111° 22.24'	10.8	1.2	8	80	19	0.15
120303	19:37:51.29	37° 35.29'	113° 16.38'	4.1	1.5	12	85	9	0.12
120303	19:42:42.98	37° 35.48'	113° 16.32'	1.2	1.9W	17	86	9	0.19
120303	20:16:55.94	37° 35.32'	113° 16.54'	1.8	2.0	9	120	9	0.17
120303	20:31:32.14	37° 34.76'	113° 16.28'	0.1	1.5	12	79	9	0.16
120303	20:35:01.86	37° 35.32'	113° 16.81'	5.8	1.6	13	88	8	0.15
120303	20:50:42.93	37° 35.53'	113° 16.90'	0.7	2.1W	19	90	8	0.22
120303	22:40:03.06	37° 35.48'	113° 16.93'	7.9	2.2W	16	91	8	0.17
120303	23:46:00.83	37° 35.43'	113° 16.43'	0.2	1.9W	16	86	9	0.19
120303	23:47:03.23	37° 34.16'	113° 15.88'	2.5	0.5	6	103	9	0.11
120303	23:49:52.68	37° 35.25'	113° 16.32'	1.9	1.0	10	122	9	0.12
120303	23:50:33.70	37° 35.30'	113° 16.68'	2.9	1.7	16	86	9	0.20
120304	00:28:34.48	39° 25.61'	111° 13.35'	5.5*	1.7	17	84	15	0.15
120304	01:25:08.03	38° 58.98'	111° 22.86'	6.0*	2.4W	16	63	20	0.14
120304	02:35:59.73	37° 35.12'	113° 16.48'	3.7	1.6	12	83	9	0.13
120304	03:40:47.40	37° 35.33'	113° 16.55'	1.3	2.0W	16	86	9	0.19
120304	15:40:51.47	37° 35.25'	113° 16.40'	0.4	1.3	16	85	9	0.18
120304	15:44:23.17	37° 35.69'	113° 16.51'	0.2	1.9W	17	89	9	0.17
120304	20:38:39.80	37° 35.25'	113° 16.29'	1.6	1.3	11	83	9	0.13
120306	02:23:20.87	39° 26.03'	111° 12.94'	2.5*	1.6	8	116	15	0.17
120306	05:06:58.92	39° 25.86'	111° 13.08'	2.5*	1.2	9	117	15	0.18
120306	08:42:04.18	39° 25.73'	111° 12.97'	3.2*	1.7W	21	50	15	0.19
120306	09:35:39.81	39° 14.04'	112° 11.07'	11.9	1.0	7	166	16	0.18
120306	12:20:50.64	38° 27.00'	109° 41.64'	7.0*	2.7W	14	120	42	0.15
120306	22:39:52.59	39° 26.03'	111° 12.87'	8.1	1.7	6	116	15	0.22
120307	00:06:56.57	39° 25.47'	111° 12.22'	5.0*	1.6	6	150	14	0.07
120307	02:21:41.80	39° 25.95'	111° 11.94'	4.2*	1.5	5	146	15	0.08
120307	02:31:30.54	39° 25.94'	111° 13.40'	4.1*	1.4	6	119	15	0.09
120307	03:06:20.00	39° 25.95'	111° 13.06'	3.9*	1.4	6	117	15	0.08
120307	04:25:32.62	39° 25.67'	111° 13.08'	2.1*	2.0W	14	97	15	0.16
120307	04:48:34.73	39° 26.09'	111° 12.14'	3.9*	1.5	5	145	15	0.09
120307	05:02:12.53	38° 59.25'	111° 22.33'	9.6	1.4W	9	122	19	0.15
120307	05:41:50.88	39° 25.81'	111° 13.12'	2.9*	1.5	7	117	15	0.16
120307	15:33:45.54	39° 25.79'	111° 13.00'	2.9*	1.6	8	117	15	0.12
120307	15:45:41.89	39° 25.93'	111° 12.64'	3.1*	1.4	8	115	15	0.14
120307	17:16:53.67	39° 25.90'	111° 13.28'	2.9*	1.6	7	123	15	0.16
120307	18:29:59.81	39° 37.55'	110° 23.79'	1.6	1.5	6	127	2	0.33
120307	19:10:38.29	39° 25.66'	111° 13.26'	6.0*	1.6	18	98	15	0.13
120307	20:03:06.61	39° 25.88'	111° 12.77'	6.5*	1.5	10	116	15	0.09
120307	22:15:24.41	39° 38.00'	110° 23.58'	1.6	0.2	5	118	3	0.36

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
120308	00:41:40.83	39° 25.89'	111° 13.12'	2.9*	1.2	9	117	15	0.11
120308	01:36:19.68	39° 25.83'	111° 13.36'	2.9*	1.5	7	118	15	0.15
120308	03:02:34.17	39° 25.69'	111° 13.01'	2.9*	0.9	6	116	15	0.17
120308	06:02:09.93	39° 25.87'	111° 12.90'	3.2*	1.5	7	116	15	0.13
120308	09:53:50.43	39° 25.97'	111° 12.98'	3.1*	1.3	7	117	15	0.13
120308	15:37:15.57	39° 25.75'	111° 12.94'	2.5*	1.2	12	116	15	0.14
120308	16:06:23.09	39° 25.97'	111° 13.07'	2.5*	1.1	9	117	15	0.12
120308	18:31:11.51	39° 26.11'	111° 13.00'	2.0*	1.3	5	118	15	0.06
120308	19:40:03.63	39° 25.83'	111° 13.01'	3.2*	1.5	8	117	15	0.13
120308	20:29:48.55	39° 25.39'	111° 12.89'	3.5*	1.5	7	150	14	0.09
120308	22:07:17.76	39° 25.76'	111° 12.82'	3.0*	1.5	5	153	15	0.06
120308	22:43:06.38	39° 25.80'	111° 13.33'	2.9*	1.3	6	118	15	0.16
120308	23:03:27.48	39° 25.47'	111° 13.07'	2.9*	1.1	8	116	14	0.19
120308	23:06:21.76	39° 25.77'	111° 12.69'	3.2*	1.7	8	115	15	0.18
120308	23:34:28.78	39° 25.53'	111° 12.71'	3.4*	1.5	7	151	14	0.08
120309	03:09:35.10	39° 25.79'	111° 13.19'	3.1*	1.2	8	117	15	0.15
120309	04:18:25.46	39° 25.76'	111° 13.08'	2.9*	1.4	7	117	15	0.16
120309	04:25:22.85	39° 25.35'	111° 12.81'	4.1*	1.5	6	150	14	0.10
120309	05:03:36.17	39° 25.82'	111° 13.19'	3.2*	1.4	8	117	15	0.11
120309	05:43:44.69	39° 25.95'	111° 13.04'	5.2*	1.3	5	117	15	0.11
120309	15:19:52.00	39° 25.88'	111° 12.98'	2.9*	1.5	7	117	15	0.16
120309	15:31:24.83	39° 25.95'	111° 12.39'	3.9*	1.4	5	142	15	0.12
120309	17:24:56.21	39° 25.73'	111° 13.09'	2.9*	1.7	7	117	15	0.14
120309	17:30:16.64	39° 25.36'	111° 13.13'	3.5*	1.1	7	116	14	0.23
120309	18:42:24.54	39° 25.56'	111° 13.09'	6.2*	1.6W	18	97	14	0.16
120309	21:33:19.03	39° 25.72'	111° 13.54'	5.3*	1.2	9	119	15	0.17
120310	01:18:13.36	39° 26.02'	111° 12.93'	2.3*	1.0	10	116	15	0.16
120310	02:20:17.45	39° 42.62'	111° 15.58'	0.3*	1.7	21	72	40	0.16
120310	03:07:11.13	38° 58.95'	111° 22.69'	3.9*	1.5	7	81	19	0.10
120310	15:47:17.74	41° 27.52'	112° 05.54'	1.4*	0.9	12	57	10	0.12
120310	16:59:39.46	39° 25.87'	111° 12.95'	2.6*	1.4	12	116	15	0.12
120310	19:48:29.90	37° 50.46'	112° 23.23'	12.6*	1.2	12	103	29	0.21
120310	23:50:18.32	39° 41.75'	111° 15.91'	1.6	1.5	12	112	8	0.24
120311	08:07:53.76	37° 51.06'	112° 22.91'	0.3*	2.7W	23	86	27	0.31
120311	08:11:44.74	37° 51.52'	112° 23.31'	2.4*	2.0	14	108	27	0.19
120311	18:43:14.08	40° 44.29'	111° 35.38'	9.0	2.0W	19	53	15	0.16
120311	19:19:29.41	40° 44.90'	111° 35.77'	11.9	1.0	12	102	14	0.17
120311	21:01:47.24	40° 43.59'	111° 35.32'	10.7	0.3	13	95	14	0.16
120311	21:15:34.70	41° 44.09'	111° 56.81'	2.9*	0.6	6	154	14	0.14
120312	09:35:34.29	41° 27.30'	112° 05.96'	1.6*	1.4	25	48	11	0.15
120312	14:00:53.06	39° 00.76'	111° 19.10'	10.0	1.7	8	125	17	0.13
120312	15:14:55.39	39° 25.71'	111° 13.15'	2.7*	1.4	11	117	15	0.16
120312	15:49:36.08	40° 50.20'	111° 53.17'	2.4	1.2	7	123	9	0.13
120312	16:05:11.97	39° 25.93'	111° 12.85'	5.7*	1.6	10	116	15	0.17
120312	17:14:54.22	39° 25.94'	111° 13.28'	2.3*	1.3	11	119	15	0.20

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
120312	19:10:11.12	39° 25.68'	111° 14.67'	7.5	1.3	8	123	15	0.08
120313	00:19:57.84	39° 25.86'	111° 13.26'	6.7*	1.4	10	118	15	0.23
120313	00:35:00.98	39° 41.95'	111° 14.89'	1.6	2.0	11	114	8	0.26
120313	01:22:36.14	39° 25.83'	111° 12.76'	5.3*	1.5	7	153	15	0.19
120313	02:03:35.13	39° 26.05'	111° 13.37'	4.8*	1.5	11	119	15	0.18
120313	02:08:29.40	39° 26.12'	111° 12.70'	5.8*	1.3	7	117	15	0.18
120313	03:36:20.71	39° 26.20'	111° 13.05'	5.7*	1.3	9	118	16	0.15
120313	04:46:19.02	39° 25.68'	111° 12.89'	3.2*	1.1	9	115	15	0.21
120313	06:11:45.84	39° 25.76'	111° 13.76'	11.1	1.3	12	120	15	0.18
120313	06:21:19.63	40° 41.96'	111° 36.32'	6.8	0.9	22	90	12	0.19
120313	06:24:18.86	40° 42.15'	111° 36.36'	10.4	2.2W	34	33	12	0.20
120313	06:50:12.20	39° 25.90'	111° 12.70'	4.3*	1.8	12	116	15	0.23
120313	07:59:14.29	39° 25.82'	111° 13.12'	2.0*	1.7	12	84	15	0.15
120313	16:50:48.03	39° 25.15'	111° 12.90'	8.4	1.7	11	150	14	0.19
120313	20:27:31.83	39° 25.91'	111° 12.80'	7.4*	1.8	11	116	15	0.23
120313	21:57:12.17	39° 25.76'	111° 12.95'	2.5*	1.8	11	116	15	0.14
120314	00:59:51.37	39° 26.06'	111° 13.05'	5.7*	1.4	10	118	15	0.19
120314	01:36:51.75	39° 25.63'	111° 13.31'	3.4*	1.0	9	118	15	0.17
120314	03:44:52.26	39° 43.36'	111° 15.27'	7.0*	1.3	5	120	39	0.16
120314	06:39:01.31	39° 25.74'	111° 13.38'	2.1*	0.8	10	118	15	0.13
120314	08:39:29.87	39° 25.92'	111° 13.27'	6.1*	1.7	16	86	15	0.13
120314	10:28:26.40	39° 25.64'	111° 13.12'	6.4*	1.7W	17	83	15	0.15
120314	15:36:29.00	39° 25.46'	111° 12.20'	0.0*	0.9	9	112	14	0.16
120314	16:52:45.71	39° 25.56'	111° 13.09'	6.2*	1.8	15	116	14	0.17
120314	18:39:51.48	38° 18.34'	108° 55.94'	1.8	2.2W	12	91	5	0.18
120314	21:19:46.07	39° 26.15'	111° 13.15'	6.0*	1.4	12	118	16	0.13
120314	21:48:17.24	39° 26.05'	111° 13.00'	3.5*	1.3	6	118	15	0.07
120314	21:48:58.46	39° 38.39'	110° 23.78'	0.0	0.8	6	103	3	0.19
120314	22:56:09.05	39° 25.63'	111° 12.99'	6.2*	1.3	10	116	15	0.17
120314	23:33:54.63	39° 25.87'	111° 13.49'	3.9*	1.3	10	119	15	0.12
120315	01:29:22.17	39° 25.69'	111° 13.60'	5.2*	1.2	15	119	15	0.13
120315	02:12:55.27	39° 25.31'	111° 12.90'	6.5*	1.1	13	150	14	0.07
120315	03:37:54.83	39° 25.49'	111° 13.20'	6.9*	1.6	20	70	14	0.18
120315	04:25:34.87	39° 25.76'	111° 13.24'	5.3*	1.3	15	117	15	0.15
120315	06:35:16.45	39° 25.39'	111° 12.91'	8.3	1.8	17	118	14	0.14
120315	07:09:38.94	39° 25.78'	111° 12.94'	6.9*	1.6	17	65	15	0.14
120315	09:43:07.11	39° 26.27'	111° 14.12'	2.4*	1.4	11	124	16	0.14
120315	10:48:55.95	39° 25.69'	111° 13.28'	5.1*	1.2	15	118	15	0.18
120315	14:14:15.63	39° 25.69'	111° 13.45'	4.1*	1.2	13	118	15	0.14
120315	16:45:20.73	39° 25.89'	111° 12.49'	5.9*	1.0	8	115	15	0.21
120315	16:46:08.08	39° 38.22'	110° 23.44'	0.4	0.8	6	171	3	0.19
120315	18:54:20.37	39° 37.25'	112° 11.60'	2.3*	2.4W	26	73	27	0.23
120315	19:50:35.58	39° 25.77'	111° 13.29'	6.8*	1.5	12	118	15	0.17
120315	19:56:17.79	39° 25.69'	111° 13.19'	2.1*	1.6	15	117	15	0.18
120315	22:26:11.18	39° 26.14'	111° 12.29'	2.9*	1.1	8	114	15	0.17

**Table 2. Earthquakes in the Utah Region: January 1–March 31, 2012**

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
120315	22:45:58.86	39° 25.45'	111° 14.01'	8.8	1.5	8	229	14	0.03
120316	00:18:13.76	39° 37.36'	110° 23.11'	1.6	1.0	5	156	2	0.30
120316	00:18:14.32	39° 26.00'	111° 11.34'	5.7*	1.2	8	125	15	0.15
120316	01:27:01.24	39° 25.76'	111° 13.12'	5.4*	1.5W	16	117	15	0.14
120316	01:30:55.38	40° 55.16'	111° 34.97'	10.8	0.7	16	88	13	0.15
120316	01:39:35.10	40° 54.68'	111° 34.98'	9.6*	0.6	10	152	24	0.11
120316	01:58:40.38	39° 25.83'	111° 12.90'	1.2*	1.0	11	116	15	0.18
120316	11:56:12.47	39° 25.83'	111° 13.06'	2.5*	1.0	13	117	15	0.17
120316	13:25:55.60	39° 42.71'	110° 36.08'	0.0	1.7	10	83	2	0.12
120316	13:45:37.84	41° 13.38'	111° 34.69'	13.1	1.0	8	117	19	0.09
120317	10:20:37.48	40° 56.42'	111° 43.27'	6.5*	0.1	7	150	14	0.03
120317	11:51:40.82	40° 56.43'	111° 42.81'	8.1	1.1	15	75	14	0.13
120317	11:52:21.97	40° 56.68'	111° 42.78'	7.7	0.8	11	102	14	0.09
120317	21:38:17.75	37° 48.24'	112° 18.82'	3.9*	1.3	9	96	29	0.19
120318	03:29:35.68	38° 17.70'	112° 15.56'	2.6*	2.3W	19	69	25	0.14
120318	06:09:38.36	39° 38.38'	110° 23.84'	0.1	0.2	6	102	3	0.21
120318	09:40:37.46	39° 04.48'	111° 52.39'	4.8*	0.9	8	86	22	0.14
120319	07:39:53.75	38° 20.60'	112° 35.16'	3.9*	1.2	9	148	32	0.22
120319	16:46:22.96	39° 25.62'	111° 13.89'	4.3*	1.7	14	147	15	0.15
120319	16:51:16.66	39° 32.48'	112° 02.01'	2.5*	1.0	9	76	19	0.21
120319	17:58:29.97	39° 42.58'	111° 16.37'	12.4*	1.5	13	137	41	0.11
120319	18:51:39.69	39° 26.13'	111° 12.40'	2.4*	1.1	8	121	15	0.11
120319	19:17:04.36	39° 25.53'	111° 12.52'	4.9*	1.0	9	150	14	0.09
120319	20:05:55.45	39° 25.98'	111° 12.68'	0.1*	1.1	14	116	15	0.16
120319	20:06:39.64	39° 26.11'	111° 11.38'	10.4	0.9	5	151	16	0.16
120319	21:17:16.62	39° 25.68'	111° 13.16'	6.5*	1.5W	17	83	15	0.12
120320	02:15:43.52	39° 25.78'	111° 12.96'	5.3*	1.3	13	117	15	0.13
120320	13:18:02.54	39° 26.64'	111° 05.35'	6.2*	1.4	10	86	14	0.15
120321	01:14:47.71	39° 25.09'	111° 12.59'	3.3*	0.8	6	163	14	0.07
120321	03:10:47.70	39° 25.92'	111° 12.93'	2.9*	1.4	7	116	15	0.14
120321	03:17:14.27	38° 59.41'	111° 22.02'	12.8	1.6	6	154	24	0.03
120321	17:24:18.42	38° 59.11'	111° 22.69'	7.0*	1.6W	10	126	23	0.11
120321	21:41:10.34	39° 25.57'	111° 13.19'	6.8*	1.6W	17	116	14	0.16
120321	23:02:41.33	38° 59.22'	111° 23.02'	13.9	1.7	8	96	23	0.10
120322	04:50:54.36	39° 25.86'	111° 13.81'	2.2*	1.7	11	121	15	0.13
120322	06:08:55.34	39° 26.04'	111° 12.85'	2.1*	1.3	14	116	15	0.15
120322	17:25:55.78	42° 29.60'	111° 05.96'	0.4*	2.3W	12	94	30	0.17
120322	19:14:16.09	38° 58.76'	111° 22.99'	3.3*	1.5W	11	101	23	0.17
120322	19:22:51.76	41° 22.47'	112° 00.23'	1.7	1.3	12	117	6	0.18
120322	21:48:12.58	39° 26.04'	111° 13.53'	4.2*	0.9	13	120	15	0.16
120323	01:02:48.06	39° 25.93'	111° 13.64'	2.9*	1.0	7	121	15	0.14
120323	02:27:53.41	41° 51.72'	111° 30.96'	3.0*	1.5	21	96	22	0.14
120323	23:43:41.35	38° 58.95'	111° 22.74'	11.9	1.8	6	99	23	0.11
120324	06:53:32.85	39° 26.20'	111° 12.81'	4.6*	1.1	10	117	16	0.14
120324	13:21:17.86	38° 59.12'	111° 22.28'	11.7	1.6	7	97	23	0.08

**Table 2. Earthquakes in the Utah Region: January 1–March 31, 2012**

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
120325	23:07:51.06	39° 37.08'	112° 11.52'	3.0*	3.0W	28	59	27	0.26
120326	00:56:32.95	38° 59.08'	111° 22.75'	7.7*	1.8W	11	96	23	0.11
120326	02:00:18.29	39° 37.25'	112° 09.67'	3.9*	1.2	10	94	27	0.16
120326	09:09:14.91	41° 22.12'	112° 39.63'	3.7*	0.7	13	211	19	0.17
120326	10:00:52.73	38° 58.95'	111° 22.88'	10.3*	1.9	6	125	23	0.06
120326	12:47:16.59	41° 22.11'	112° 39.90'	4.4*	0.3	6	239	19	0.09
120327	05:04:46.01	38° 59.12'	111° 22.94'	11.9	1.7	11	96	23	0.13
120327	09:35:37.13	38° 59.17'	111° 22.98'	12.0	1.6	8	96	23	0.11
120327	16:23:30.99	37° 05.88'	112° 49.45'	17.2	1.9	12	84	9	0.21
120327	20:11:40.04	39° 25.02'	111° 12.43'	9.0	1.1	9	148	13	0.14
120328	06:45:45.65	39° 25.23'	111° 04.90'	2.4*	1.5	10	83	12	0.15
120328	08:06:27.75	38° 59.04'	111° 22.59'	4.1*	1.8W	12	96	32	0.10
120328	09:00:12.32	41° 30.49'	112° 58.99'	4.5*	1.0	13	207	35	0.21
120328	10:23:03.41	39° 42.85'	110° 35.92'	0.3	1.4	8	85	3	0.16
120328	13:14:33.40	38° 58.83'	111° 23.31'	15.4	1.5	7	127	23	0.17
120328	15:59:08.32	40° 41.90'	111° 25.61'	1.6	1.4	6	265	5	0.15
120328	16:19:30.41	39° 25.93'	111° 13.17'	5.7*	1.6W	14	84	15	0.16
120328	20:26:55.69	39° 25.95'	111° 13.12'	5.8*	1.5W	12	97	15	0.16
120329	00:30:22.41	39° 26.17'	111° 13.18'	2.8*	1.0	6	118	16	0.17
120329	04:33:04.69	38° 59.27'	111° 21.75'	14.4	1.6	7	97	24	0.07
120329	10:38:18.15	39° 37.57'	110° 22.97'	0.0	0.9	7	171	3	0.17
120329	11:09:10.81	41° 30.69'	112° 58.15'	4.5*	0.9	10	237	34	0.15
120329	14:36:19.38	39° 25.75'	111° 12.93'	2.5*	1.6W	13	83	15	0.13
120329	17:06:02.82	38° 59.10'	111° 23.26'	6.0*	2.7W	22	75	23	0.12
120329	17:22:06.32	38° 58.94'	111° 23.13'	6.3*	3.4W	21	75	23	0.16
120329	18:21:26.95	39° 26.86'	111° 12.37'	3.8*	1.7	7	239	17	0.15
120329	19:36:45.46	39° 26.01'	111° 12.66'	3.2*	1.5	7	116	15	0.09
120329	20:06:33.90	39° 26.20'	111° 11.94'	9.5	1.7	6	147	16	0.12
120329	20:19:50.21	39° 25.95'	111° 12.80'	3.9*	1.0	5	116	15	0.17
120329	20:28:36.37	38° 59.06'	111° 22.67'	9.5*	1.5W	10	96	23	0.13
120329	20:56:23.55	39° 25.35'	111° 12.90'	8.9	1.8	14	150	14	0.13
120330	03:22:22.76	38° 59.45'	111° 22.71'	14.4	1.5	6	101	24	0.10
120330	07:17:00.67	38° 59.48'	111° 22.64'	13.0	2.3	7	95	24	0.10
120330	11:46:40.94	39° 41.41'	111° 14.42'	1.8	1.4	11	217	6	0.25
120330	13:47:18.86	39° 26.01'	111° 13.28'	5.7*	0.8	10	119	15	0.15
120331	16:01:55.81	38° 59.40'	111° 23.06'	6.7*	1.9W	12	95	24	0.11
120331	16:43:10.10	39° 38.30'	110° 21.98'	1.6	1.4	8	97	3	0.22
120331	23:20:34.13	38° 59.38'	111° 22.12'	8.4*	1.3W	6	120	24	0.04

number of earthquakes = 533

\* indicates poor depth control

W indicates Wood-Anderson data used for magnitude calculation

**Table 3**  
**UNIVERSITY OF UTAH REGIONAL/URBAN SEISMIC NETWORK**  
**Operating Seismograph Stations**  
**March 31, 2012**

<b>UURSN Code</b>	<b>Location</b>	<b>SEED Station</b>	<b>SEED Channel</b>	<b>No. of Channels</b>	<b>Network Code</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Elevation (meters)</b>	<b>Sensor</b>	<b>Digitizer</b>	<b>Telemetry</b>	<b>Sponsor</b>
2272	Eastwood Elementary School Salt Lake City, UT	2272	HN[ZEN]	3	NP	40° 41.98'	111° 47.62'	1515	EpiSensor	Basalt	Digital	NSMP, ANSS
2285	Liberty Park Salt Lake City, UT	2285	HN[ZEN]	3	NP	40° 44.70'	111° 52.49'	1298	EpiSensor	Basalt	Digital	NSMP, ANSS
2286	Roosevelt Elementary School Salt Lake City, UT	2286	HN[ZEN]	3	NP	40° 42.08'	111° 52.01'	1314	EpiSensor	Basalt	Digital	NSMP, ANSS
7202	Meadowbrook Golf Course Murray, UT	7202	HN[ZEN]	3	NP	40° 40.93'	111° 55.36'	1293	EpiSensor	Basalt	Digital	NSMP, ANSS
7203	Bonneville Golf Course Salt Lake City, UT	7203	HN[ZEN]	3	NP	40° 44.81'	111° 49.63'	1457	EpiSensor	Basalt	Digital	NSMP, ANSS
7208	SR 201/I-80 Bridge Array, Salt Lake City, UT	7208	EN[ZEN]	3	NP	40° 43.38'	111° 54.43'	1291	EpiSensor	K2	Digital	NSMP, ANSS
7212	Annex Bldg., Weber State University, Ogden, UT	7212	HN[ZEN]	3	NP	41° 11.75'	111° 56.50'	1422	EpiSensor	K2	Digital	NSMP, ANSS
7223	Dixie State College St. George, UT	7223	HN[ZEN]	3	NP	37° 06.02'	113° 33.94'	815	EpiSensor	Etna	Digital	NSMP, ANSS
7224	Southern Utah University Cedar City, UT	7224	HN[ZEN]	3	NP	37° 40.35'	113° 04.29'	1782	EpiSensor	Basalt	Digital	NSMP, ANSS
7225	City Maintenance Yard Beaver, UT	7225	HN[ZEN]	3	NP	38° 17.01'	112° 38.32'	1808	EpiSensor	Etna	Digital	NSMP, ANSS
7226	UDOT IT Radio Shop Richfield, UT	7226	HN[ZEN]	3	NP	38° 45.43'	112° 05.26'	1616	FBA23	Basalt	Digital	NSMP, ANSS
7227	City Maintenance Yard Gunnison, UT	7227	HN[ZEN]	3	NP	39° 09.35'	111° 49.17'	1568	EpiSensor	Basalt	Digital	NSMP, ANSS
7228	Juab School District Nephi, UT	7228	HN[ZEN]	3	NP	39° 43.27'	111° 49.49'	1576	EpiSensor	Basalt	Digital	NSMP, ANSS



UURSN Code	Location	SEED Station	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
7229	City Maintenance Shop Santaquin, UT	7229	HN[ZEN]	3	NP	39° 58.35'	111° 47.58'	1520	EpiSensor	Etna	Digital	NSMP, ANSS
7232	City Parks & Recreation Office Tremonton, UT	7232	HN[ZEN]	3	NP	41° 43.13'	112° 10.91'	1320	EpiSensor	Etna	Digital	NSMP, ANSS
AHI	Auburn, ID	AHID	BH[ZEN]	3	US	42° 45.92'	111° 06.02'	1960	*	*	Digital	USGS
ALP	Alpine Fire Station, Alpine, UT	ALP	EN[ZEN]	3	UU	40° 27.26'	111° 46.61'	1510	EpiSensor	K2	Digital	ANSS
ALT	Alta City Offices, Alta, UT	ALT	EN[ZEN]	3	UU	40° 35.42'	111° 38.25'	2635	Applied Mems	ANSS-130	Digital	ANSS
AMF	Tri-Cities Golf Course American Fork, UT	AMF	EN[ZEN]	3	UU	40° 24.11'	111° 47.27'	1445	EpiSensor	K2	Digital	ANSS
ANMO	Albuquerque, NM	ANMO	BH[ZEN]	3	IU	34° 57.01'	106° 27.61'	1743	*	*	Digital	USGS
ARGU	Argyle Ridge, UT	ARGU	EHZ	1	UU	39° 49.37'	110° 32.62'	2828	S13	PSN	Analog	Utah
ARUT	Antelope Range, UT	ARUT	EHZ	1	UU	37° 47.28'	113° 26.42'	1646	L4C	PSN	Analog	Utah
AVE	Avenues, Salt Lake City, UT	AVE	EN[ZEN]	3	UU	40° 46.47'	111° 51.83'	1387	Applied Mems	ANSS-130	Digital	ANSS
BCE	Book Cliffs East, UT	BCE	EHZ	4	UU	39° 36.79'	110° 24.51'	2666	L4C	K2	Digital	Utah
			EN[ZEN]						EpiSensor			
BCS	Brigham City Maintenance Shop Brigham City, UT	BCS	EN[ZEN]	3	UU	41° 30.71'	112° 01.98'	1303	EpiSensor	K2	Digital	ANSS
BCU	Brigham City, UT	BCU	EN[ZEN]	3	UU	41° 30.74'	111° 58.93'	1676	EpiSensor	K2	Digital	ANSS
BCW	Book Cliffs West, UT	BCW	EHZ	4	UU	39° 43.82'	110° 44.55'	2614	L4C	K2	Digital	Utah
			EN[ZEN]						EpiSensor			
BEI	Bear River Range, ID	BEI	EHZ	1	UU	42° 07.00'	111° 46.94'	1859	L4C	PSN	Analog	USGS
BES	Bates Elementary School Ogden, UT	BES	EN[ZEN]	3	UU	41° 19.10'	111° 57.26'	1455	EpiSensor	K2	Digital	ANSS
BGMZ	Barton Gulch, MT	BGMT	EHZ	1	MB	45° 14.00'	112° 02.43'	2172	*	*	Analog	MBMT
BGU	Big Grassy Mountain, UT	BGU	EN[ZEN]	3	UU	40° 55.53'	113° 01.79'	1640	EpiSensor	Q330	Digital	ANSS
			HH[ZEN]	3					Trillium 120			
BHU	Blowhard Mountain, UT	BHU	EH[ZEN]	3	UU	37° 35.55'	112° 51.42'	3230	S13	PSN	Analog	Utah
BHUT	Beaver High School, UT	BHUT	EN[ZEN]	3	UU	38° 16.61'	112° 38.42'	1799	PA-23	SMART- 24	Digital	Utah
BMN	Battle Mountain, NM	BMN	BHZ	1	NN	40° 25.89'	117° 13.31'	1594	*	*	Digital	UNR
BMUT	Black Mountain, UT	BMUT	EHZ	1	UU	41° 57.49'	111° 14.05'	2243	S13	PSN	Analog	USGS
BON	Boundary Peak, NV	BONR	SHZ	1	NN	37° 57.31'	118° 18.10'	2582	*	*	Digital	UNR

UURSN Code	Location	SEED Station	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
BOZ	Bozeman, MT	BOZ	BH[ZEN]	3	US	45° 38.82'	111° 37.78'	1589	*	*	Digital	USGS
BRPU	Butcher Ranch, Price, UT	BRPU	HH[ZEN]	3	UU	39° 37.67'	110° 14.56'	1687	Trillium 240	Q330	Digital	Utah
			EN[ZEN]	3					EpiSensor			
BSS	Butlerville Substation Salt Lake City, UT	BSS	EN[ZEN]	3	UU	40° 37.45'	111° 49.37'	1411	EpiSensor	K2	Digital	ANSS
BTU	Barney Top, UT	BTU	EHZ	1	UU	37° 45.34'	111° 52.46'	3235	S13	PSN	Analog	Utah
BW0	Boulder, WY	BW06	BH[ZEN]	3	US	42° 46.00'	109° 33.50'	2224	*	*	Digital	USGS
BYP	Brigham Young Park Salt Lake City, UT	BYP	EN[ZEN]	3	UU	40° 46.26'	111° 53.23'	1323	Applied Mems	ANSS-130	Digital	ANSS
BZMZ	Bozeman Pass, MT	BZMT	EHZ	1	MB	45° 38.89'	110° 47.80'	1905	*	*	Analog	MBMT
CAPU	Capitol, Salt Lake City, UT	CAP	EN[ZEN]	3	UU	40° 46.71'	111° 53.40'	1384	Applied Mems	ANSS-130	Digital	ANSS
CCPU	Cedar City Park, UT	CCPU	EN[ZEN]	3	UU	38° 16.61'	112° 38.42'	1799	PA-23	SMART-24	Digital	Utah
CCUT	Cedar City, UT	CCUT	HH[ZEN]	3	UU	37° 33.04'	113° 21.77'	2124	STS-2	ANSS-130	Digital	USGS
			EN[ZEN]	3					Applied Mems			
CFS	Copperton Fire Station Copperton, UT	CFS	EN[ZEN]	3	UU	40° 33.96'	112° 05.61'	1654	EpiSensor	K2	Digital	ANSS
CHS	Copper Hills High School, West Jordan, UT	CHS	EN[ZEN]	3	UU	40° 35.68'	112° 01.03'	1460	Applied Mems	ANSS-130	Digital	ANSS
COM	Craters of the Moon, ID	COMI	EHZ	1	IE	43° 27.72'	113° 35.64'	1890	*	*	Digital	INL
COY	Coyote Canyon, Tooele Valley, UT	COY	EN[ZEN]	3	UU	40° 39.56'	112° 14.34'	1572	Applied Mems	ANSS-130	Digital	ANSS
CRLU	Curley Ranch, La Sal, UT	CRLU	EHZ	1	UU	38° 17.50'	109° 15.64'	2035	L4C	Basalt	Digital	Utah, USGS
			EN[ZEN]	3					Episensor			
CRMZ	Chrome Mountain, MT	CRMT	EHZ	1	MB	45° 27.35'	110° 08.41'	2941	*	*	Analog	MBMT
CTU	Camp Tracy, UT	CTU	HH[ZEN]	3	UU	40° 41.55'	111° 45.02'	1731	40T	72A-07	Digital	USGS
CVH	Cedar City, Canyon View High School, UT	CVH	EN[ZEN]	3	UU	37° 42.91'	113° 03.85'	1724	PA-23	SMART-24	Digital	Utah
CVRU	Castle Valley Ranch, Emery, UT	CVRU	HH[ZEN]	3	UU	38° 55.06'	111° 10.30'	1912	STS-2	Q330	Digital	Utah
			EN[ZEN]	3					EpiSensor			
CWR	Coldwater Ranch, Paradise, UT	CWR	EN[ZEN]	3	UU	41° 34.90'	111° 46.89'	1837	Applied Mems	ANSS-130	Digital	ANSS

UURSN Code	Location	SEED Station	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
CWU	Camp Williams, UT	CWU	EHZ	1	UU	40° 26.75'	112° 06.13'	1945	L4C	PSN	Analog	USGS
DAU	Daniels Canyon, UT	DAU	EHZ	1	UU	40° 24.75'	111° 15.35'	2771	S13	PSN	Analog	USGS
DBD	Des Bee Dove, UT	DBD	EHZ	1	UU	39° 18.82'	111° 05.55'	2265	L4C	PSN	Analog	Utah
DCM	Dugout Coal Mine, UT	DCM	EHZ	1	UU	39° 41.70'	110° 35.00'	2537	L4C	Basalt	Digital	Utah
			EN[ZEN]	3					EpiSensor			
DCU	Deer Creek Reservoir, UT	DCU	EHZ	1	UU	40° 24.82'	111° 31.61'	1829	L4C	PSN	Analog	USGS
DOT	Utah Dept. of Transportation Region II Offices, Salt Lake City, UT	DOT	EN[ZEN]	3	UU	40° 43.61'	111° 57.65'	1282	Applied Mems	ANSS-130	Digital	ANSS
DUG	Dugway, UT	DUG	BH[ZEN]	3	US	40° 11.70'	112° 48.80'	1477	*	*	Digital	USGS
			EH[ZEN]	3	UU				S13	PSN	Analog	Utah, USGS
DWU	Dry Willow, UT	DWU	EHZ	1	UU	38° 06.32'	112° 59.85'	2270	S13	PSN	Analog	Utah
ECR	Eagle Creek, ID	ECRI	EHZ	1	IE	43° 03.24'	111° 22.26'	2086	*	*	Digital	INL
EKU	East Kanab, UT	EKU	EHZ	1	UU	37° 04.48'	112° 29.81'	1829	S13	PSN	Analog	Utah
ELE	East Layton Elementary School, East Layton, UT	ELE	EN[ZEN]	3	UU	41° 04.84'	111° 55.09'	1444	Applied Mems	ANSS-130	Digital	ANSS
ELK	Elko, NV	ELK	BH[ZEN]	3	US	40° 44.69'	115° 14.33'	2210	*	*	Digital	USGS
ELU	Electric Lake, UT	ELU	EHZ	1	UU	39° 38.41'	111° 12.23'	2970	L4C	PSN	Analog	Utah
EMF	Eagle Mountain Gas Tap, UT	EMF	EN[ZEN]	3	UU	40° 16.89'	111° 59.92'	1487	Applied Mems	ANSS-130	Digital	ANSS
EMU	Emma Park, UT	EMU	EH[ZEN]	3	UU	39° 48.84'	110° 48.92'	2268	S13	PSN	Analog	USGS
			EN[ZEN]	3					FBA23	K2	Digital	Utah
EPU	East Promontory, UT	EPU	EHZ	1	UU	41° 23.49'	112° 24.53'	1436	L4C	PSN	Analog	USGS
ETW	Elwood Town Hall, Elwood, UT	ETW	EN[ZEN]	3	UU	41° 40.15'	112° 08.53'	1305	Applied Mems	ANSS-130	Digital	ANSS
FLU	Fool's Peak, UT	FLU	EHZ	1	UU	39° 22.69'	112° 10.29'	1951	18300	PSN	Analog	USGS
			EHZ	1					EpiSensor	Basalt	Digital	
			EN[ZEN]	3								
FPU	Francis Peak, UT	FPU	EHZ	1	UU	41° 01.58'	111° 50.21'	2816	L4C	PSN	Analog	USGS
FSU	Fish Springs, UT	FSU	EHZ	1	UU	39° 43.35'	113° 23.48'	1487	18300	PSN	Analog	Utah
FTT	Fire Training Tower, Magna, UT	FTT	EN[ZEN]	3	UU	40° 41.16'	112° 04.99'	1381	Applied Mems	ANSS-130	Digital	ANSS
FLWY	Flagg Ranch, WY	FLWY	BH[ZEN]	3	IW	44° 04.96'	110° 41.96'	2078	3ESP	RT-130	Digital	ANSS
GBI	Big Grassy Butte, ID	GBI	EHZ	1	IE	43° 59.22'	112° 03.78'	1541	*	*	Digital	INL
GCN	Grand Canyon, AZ	GCN	EHZ	1	AR	36° 02.64'	112° 07.68'	2294	*	*	Analog	NAU

UURSN Code	Location	SEED Station	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
GMO	Grantsville Maintenance Office, Grantsville, UT	GMO	EN[ZEN]	3	UU	40° 36.04'	112° 28.48'	1320	Applied Mems	ANSS-130	Digital	ANSS
GMU	Granite Mountain, UT	GMU	EH[ZEN]	3	UU	40° 34.53'	111° 45.79'	1829	S13	PSN	Analog	USGS
GMV	Granite Mountain Vault Sandy, UT	GMV	EN[ZEN]	3	UU	40° 34.40'	111° 45.79'	1829	EpiSensor	K2	Digital	ANSS
GRR	Grays Lake, ID	GRRRI	EHZ	1	IE	42° 56.28'	111° 25.32'	2207	*	*	Digital	INL
GZU	Grizzly Peak, UT	GZU	EH[ZEN]	3	UU	41° 25.53'	111° 58.50'	2646	S13	PSN	Analog	USGS
HCSU	Hobble Creek, Springville, UT	HCSU	EHZ	1	UU	40° 12.40'	111° 30.14'	1789	L4C	Basalt	Digital	Utah, USGS
			EN[ZEN]	3					EpiSensor			
HDU	Hyde Park, UT	HDU	EHZ	1	UU	41° 48.18'	111° 45.99'	1807	L4C	PSN	Analog	USGS
HEB	Heber, UT	HEB	EHZ	1	UU	40° 30.09'	111° 20.15'	1925	S13	PSN	Analog	Utah
HER	Herriman Fire Station Herriman, UT	HER	EN[ZEN]	3	UU	40° 30.94'	112° 01.85'	1502	EpiSensor	K2	Digital	ANSS
HES	Hooper Elementary School Hooper, UT	HES	EN[ZEN]	3	UU	41° 09.89'	112° 07.30'	1292	EpiSensor	K2	Digital	ANSS
HFSU	Holladay Fire Station Holladay, UT	HFSU	EN[ZEN]	3	UU	40° 40.21'	111° 49.54'	1344	EpiSensor	K2	Digital	ANSS
HHA	Hell's Half Acre, ID	HHAI	EHZ	1	IE	43° 17.70'	112° 22.74'	1371	*	*	Digital	INL
HHS	Hurricane High School, UT	HHS	EN[ZEN]	3	UU	37° 10.43'	113° 17.74'	987	EpiSensor	Etna	Digital	Utah
HLI	Hailey, ID	HLID	BH[ZEN]	3	US	43° 33.75'	114° 24.83'	1772	*	*	Digital	USGS
HLJZ	Hailstone, UT	HLJ	EHZ	1	UU	40° 36.64'	111° 24.05'	1931	S13	PSN	Analog	Utah
			EN[ZEN]	3					FBA23	K2	Digital	
HMU	Henry Mountain, UT	HMU	HH[ZEN]	3	UU	37° 56.28'	110° 44.51'	2430	3T	72A-07	Digital	Utah
HON	Honeyville, UT	HON	EN[ZEN]	3	UU	41° 36.97'	112° 03.05'	1528	Applied Mems	ANSS-130	Digital	ANSS
HONU		HONU	EHZ	1					L4C	PSN	Analog	USGS
HRU	Hogsback Ridge, UT	HRU	EHZ	1	UU	40° 47.67'	111° 53.14'	1620	Ranger	PSN	Analog	USGS
			EN[ZEN]	3					Applied Mems	ANSS-130	Digital	ANSS
HTU	Hoyt, UT	HTU	EHZ	1	UU	40° 40.52'	111° 13.21'	2576	L4C	PSN	Analog	USGS
			EHZ	1					Episensor	Basalt	Digital	
			EN[ZEN]	3								
HVU	Hansel Valley, UT	HVU	HH[ZEN]	3	UU	41° 46.78'	112° 46.50'	1609	Trillium 120	Q330	Digital	USGS
			EN[ZEN]	3					EpiSensor			

UURSN Code	Location	SEED Station	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
HWU	Hardware Ranch, UT	HWUT	BH[ZEN]	3	US	41° 36.41'	111° 33.91'	1830	*	*	Digital	USGS
IAE	Cedar City, Iron County Adult Education, UT	IAE	EN[ZEN]	3	UU	37°39.91'	113° 40.02'	1807	EpiSensor	Etna	Digital	Utah
ICF	International Center Fire Station, Salt Lake City, UT	ICF	EN[ZEN]	3	UU	40° 46.69'	112° 01.72'	1281	EpiSensor	K2	Digital	ANSS
ICU	Indian Springs Canyon, UT	ICU	EHZ	1	UU	37° 08.98'	113° 55.41'	1451	S13	PSN	Analog	Utah
IMU	Iron Mountain, UT	IMU	EHZ	1	UU	38° 37.99'	113° 09.50'	1833	L4C	PSN	Analog	Utah
IMW	Indian Meadows, WY	IMW	BH[ZEN]	3	IW	43° 53.58'	110° 56.58'	2670	3ESP	RT-130	Digital	ANSS
JLU	Jordanelle, UT	JLU	EN[ZEN]	3	UU	40° 36.12'	111° 27.00'	2285	EpiSensor	ANSS-130	Digital	ANSS
			HH[ZEN]	3					3ESP			
JRP	Jordan River State Park Salt Lake City, UT	JRP	EN[ZEN]	3	UU	40° 49.54'	111° 56.66'	1284	EpiSensor	K2	Digital	ANSS
KEUT	Kanab Elementary School, UT	KEUT	EN[ZEN]	3	UU	37° 03.02'	112° 31.76'	1514	PA-23	SMART-24	Digital	Utah
KLJ	Keetley, UT	KLJ	EHZ	1	UU	40° 37.85'	111° 24.30'	1992	S13	PSN	Analog	Utah
KNB	Kanab, UT	KNB	HH[ZEN]	3	UU	37° 01.00'	112° 49.34'	1715	3T	ANSS-130	Digital	Utah. ANSS, LLNL
			EN[ZEN]	3					EpiSensor			
LCMT	Little Creek Mountain, UT	LCMT	HH[ZEN]	3	UU	37° 00.71'	113° 14.63'	1411	3T	SMART-24	Digital	Utah
			EN[ZEN]	3					PA-23			
LCU	Little Cottonwood, UT	LCU	EN[ZEN]	3	UU	40° 34.41'	111° 47.91'	1571	Applied Mems	K2	Digital	ANSS
LDJ	Lady, UT	LDJ	EHZ	1	UU	40° 34.89'	111° 24.52'	2217	S13	PSN	Analog	Utah
LEVU	Levan, UT	LEVU	EHZ	1	UU	39° 30.39'	111° 48.88'	1996	L4C	PSN	Analog	USGS
			EHZ	1					EpiSensor	Basalt	Digital	
			EN[ZEN]	3								
LGC	Lakeside Golf Course Bountiful, UT	LGC	EN[ZEN]	3	UU	40° 54.04'	111° 54.51'	1292	EpiSensor	K2	Digital	ANSS
LHUT	Little Humpy Peak, UT	LHUT	EHZ	1	UU	40° 53.49'	110° 59.78'	3084	S13	PSN	Analog	Utah
LKC	Lee Kay Hunter Education Center Magna, UT	LKC	EN[ZEN]	3	UU	40° 43.62'	112° 02.14'	1289	EpiSensor	K2	Digital	ANSS
LKW	Lake, WY	LKWY	BH[ZEN]	3	US	44° 33.91'	110° 24.00'	2424	*	*	Digital	USGS
LMU	Lake Mountain, UT	LMU	EN[ZEN]	3	UU	40° 18.91'	111° 55.92'	1593	EpiSensor	K2	Digital	ANSS

UURSN Code	Location	SEED Station	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
LOHW	National Elk Refuge, WY	LOHW	BH[ZEN]	3	IW	43° 36.76'	110° 36.30'	2245	3ESP	RT-130	Digital	ANSS
LRG	Logan River Golf Course	LRG	EN[ZEN]	3	UU	41° 42.82'	111° 51.08'	1362	Applied MemS	ANSS-130	Digital	ANSS
LSU	Lake Shores, UT	LSU	EN[ZEN]	3	UU	40° 07.94'	111° 43.80'	1375	EpiSensor	K2	Digital	ANSS
LTU	Little Mountain, UT	LTU	EHZ	1	UU	41° 35.51'	112° 14.83'	1585	L4C	PSN	Analog	USGS
			EHZ	1						Basalt	Digital	
			EN[ZEN]	3						EpiSensor		
MAB	Mapleton Ambulance Building Mapleton, UT	MAB	EN[ZEN]	3	UU	40° 07.85'	111° 34.67'	1440	EpiSensor	K2	Digital	ANSS
MCID	Moose Creek, ID	MCID	EHZ	1	WY	44° 11.45'	111° 11.03'	2137	L4C	PSN	Analog	USGS
MCU	Monte Cristo Peak, UT	MCU	EHZ	1	UU	41° 27.70'	111° 30.45'	2664	18300	PSN	Analog	USGS
MGCU	Grand County Courthouse, Moab, UT	MGCU	EN[ZEN]	3	UU	38° 34.46'	109° 32.89'	1241	EpiSensor	K2	Digital	Utah
MGU	Meadow Brook Golf Course Salt Lake City, UT	MGU	EHZ	1	UU	40° 40.89'	111° 55.09'	1291	Ranger	PSN	Analog	USGS
MHD	Mile High Drive, UT	MHD	EHZ	1	UU	40° 39.64'	111° 48.05'	1597	Ranger	PSN	Analog	USGS
			EHZ	1						Basalt	Digital	
			EN[ZEN]	3						EpiSensor		
MID	Middle Canyon, UT	MID	EN[ZEN]	3	UU	40° 31.04'	112° 15.28'	1722	Applied MemS	ANSS-130	Digital	ANSS
MLI	Malad Range, ID	MLI	EHZ	1	UU	42° 01.61'	112° 07.53'	1896	L4C	PSN	Analog	USGS
			EHZ	1						Basalt	Digital	
			EN[ZEN]	3						EpiSensor		
MMU	Miners Mountain, UT	MMU	EHZ	1	UU	38° 11.57'	111° 17.66'	2387	S13	PSN	Analog	Utah
MOMZ	Monida, MT	MOMT	EHZ	1	MB	44° 35.60'	112° 23.66'	2220	*	*	Analog	MBMT
MOR	Morgan, UT	MOR	EN[ZEN]	3	UU	41° 02.77'	111° 39.94'	1633	Applied MemS	ANSS-130	Digital	ANSS
MOUT	Mount Ogden, UT	MOUT	EHZ	1	UU	41° 11.94'	111° 52.73'	2743	S13	PSN	Analog	USGS
MPU	Maple Canyon, UT	MPU	EN[ZEN]	3	UU	40° 00.93'	111° 38.00'	1909	EpiSensor	K2	Digital	ANSS
			HH[ZEN]	3					3ESP	ANSS-130	Digital	USGS
MSU	Marysvale, UT	MSU	EHZ	1	UU	38° 30.74'	112° 10.63'	2105	18300	PSN	Analog	Utah
MTLO	Mt. Logan, AZ	MTL	EHZ	1	AR	36° 21.18'	113° 11.94'	2418	*	*	Analog	NAU
MTPU	Mt. Pierson, UT	MTPU	HH[ZEN]	3	UU	38° 02.49'	112° 11.06'	3112	Trillium 120	Q330	Digital	Utah
			EN[ZEN]	3					EpiSensor			

UURSN Code	Location	SEED Station	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
MTUT	Morton Thiokol, UT	MTUT	EHZ	1	UU	41° 42.55'	112° 27.28'	1373	L4C	PSN	Analog	USGS
MVCO	Mesa Verde, CO	MVCO	BH[ZEN]	3	US	37° 12.62'	108° 29.92'	2170	STS-2	Q330	Digital	ANSS
MVU	Marysvale, UT	MVU	BH[ZEN]	3	LB	38° 30.22'	112° 12.74'	2240	*	*	Digital	Sandia
NAI	North Antelope Island, UT	NAI	EN[ZEN]	3	UU	41° 00.97'	112° 13.68'	1472	EpiSensor	K2	Digital	ANSS
NAIU		NAIU	EHZ	1					L4C	PSN	Analog	USGS
NLU	North Lily Mine, UT	NLU	EN[ZEN]	3	UU	39° 57.29'	112° 04.50'	2036	Episensor	72A-08	Digital	ANSS
			HH[ZEN]	3					3ESP			
NMU	North Mineral Mountain, UT	NMU	EH[ZEN]	3	UU	38° 30.99'	112° 51.00'	1853	S13	PSN	Analog	Utah
NOQ	North Oquirrh Mountains, UT	NOQ	EN[ZEN]	3	UU	40° 39.16'	112° 07.26'	1628	EpiSensor	K2	Digital	ANSS
			HH[ZEN]	3					Trillium 120	ANSS-130	Digital	USGS
NPI	North Pocatello, ID	NPI	EHZ	1	UU	42° 08.84'	112° 31.10'	1640	L4C	PSN	Analog	USGS
			EHZ	1						Basalt	Digital	
			EN[ZEN]	3						EpiSensor		
OCP	Orem City Park, Orem, UT	OCP	EN[ZEN]	3	UU	40° 17.87'	111° 41.44'	1464	EpiSensor	K2	Digital	ANSS
OF2	Ogden Fire Station ° 2 Ogden, UT	OF2	EN[ZEN]	3	UU	41° 13.70'	111° 56.92'	1358	EpiSensor	K2	Digital	ANSS
OPS	Ogden Public Safety Building, Ogden, UT	OPS	EN[ZEN]	3	UU	41° 13.72'	111° 58.54'	1317	Applied Mems	ANSS-130	Digital	ANSS
OSS	Oquirrh Sub Station, UT	OSS	EN[ZEN]	3	UU	40° 33.77'	112° 01.61'	1503	Applied Mems	ANSS-130	Digital	ANSS
OWUT	Old Woman Plateau, UT	OWUT	EHZ	1	UU	38° 46.80'	111° 25.42'	2568	L4C	PSN	Analog	Utah
PCCW	Pine Creek, Cokeville, WY	PCCW	EHZ	1	UU	42° 05.97'	110° 52.36'	1996	L4C	Basalt	Digital	Utah, USGS
			EN[ZEN]	3					EpiSensor			
PCL	Plain City Landfill Plain City, UT	PCL	EN[ZEN]	3	UU	41° 18.60'	112° 06.00'	1290	Applied Mems	ANSS-130	Digital	ANSS
PCR	Park City Recreation Center Park City, UT	PCR	EN[ZEN]	3	UU	40° 39.25'	111° 30.19'	2100	EpiSensor	K2	Digital	ANSS
PEUT	Richfield, Pahvant Elementary School, UT	PEUT	EN[ZEN]	3	UU	38° 46.55'	112° 05.32'	1644	PA-23	SMART-24	Digital	Utah
PGAZ	Page, AZ	PGA	EHZ	1	AR	36° 54.34'	111° 16.86'	1272	*	*	Analog	NAU
PGC	Pleasant Grove Creek, UT	PGC	EN[ZEN]	3	UU	40° 22.71'	111° 42.62'	1707	EpiSensor	K2	Digital	ANSS

UURSN Code	Location	SEED Station	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
PKCU	Pink Cliffs, UT	PKCU	HH[ZEN]	3	UU	37° 26.63'	112° 18.66'	2834	Trillium 120	SMART-24	Digital	Utah
			EN[ZEN]	3					PA-23			
PNSU	Preston Nutter Ranch, Sunnyside, UT	PNSU	HH[ZEN]	3	UU	39° 28.38'	110° 44.40'	2743	Trillium 240	Q330	Digital	Utah
PRN	Pahroc, Range, NV	PRN	SHZ	1	NN	37° 24.40'	115° 03.05'	1402	*	*	Digital	UNR
PSUT	Pine Spring, UT	PSUT	HH[ZEN]	3	UU	38° 32.02'	113° 51.28'	1999	Trillium 120	Q330	Digital	Utah
			EN[ZEN]	3					EpiSensor			
PTI	Pocatello, ID	PTI	EHZ	1	IE	42° 52.20'	112° 22.21'	1670	*	*	Digital	INL
PTU	Portage, UT	PTU	EHZ	1	UU	41° 55.76'	112° 19.48'	2192	L4C	PSN	Analog	USGS
			EHZ	1					EpiSensor	Basalt	Digital	
			EN[ZEN]	3								
QLMZ	Earthquake Lake, MT	QLMT	EHZ	1	MB	44° 49.84'	111° 25.80'	2064	*	*	Analog	MBMT
RBUZ	Red Butte Canyon, UT	RBU	EHZ	1	UU	40° 46.85'	111° 48.50'	1676	L4C	PSN	Analog	USGS
			EHZ	1					EpiSensor	Basalt	Digital	
			EN[ZEN]	3								
RCJZ	Ross Creek, UT	RCJ	EHZ	1	UU	40° 39.51'	111° 26.36'	2090	S13	PSN	Analog	Utah
RDMU	Red Mountain, UT	RDMU	HH[ZEN]	3	UU	40° 34.25'	109° 34.17'	2087	Trillium 120	SMART-24	Digital	Utah
			EN[ZEN]	3					PA-23			
REDW	Red-Top Meadows, WY	REDW	BH[ZEN]	3	IW	43° 21.74'	110° 51.18'	2322	3ESP	RT-130	Digital	ANSS
REUT	Washington Fields, Riverside Elementary School, UT	REUT	EN[ZEN]	3	UU	37° 05.86'	113° 31.16'	791	PA-23	SMART-24	Digital	Utah
RIV	Public Works Building Riverton, UT	RIV	EN[ZEN]	3	UU	40° 31.16'	111° 56.05'	1347	EpiSensor	K2	Digital	ANSS
ROA	Roan Cliffs, UT	ROA	EHZ	1	UU	39° 39.69'	110° 21.88'	2962	S13	PSN	Analog	Utah
RPF	Rose Park Fire Station, Salt Lake City, UT	RPF	EN[ZEN]	3	UU	40° 46.52'	111° 55.22'	1287	Applied Mems	ANSS-130	Digital	ANSS
RRCU	Rees Ranch, Coalville, UT	RRCU	EHZ	1	UU	40° 53.21'	111° 26.22'	2028	L4C	Basalt	Digital	Utah, USGS
			EN[ZEN]	3					EpiSensor			
RRI2	Red Ridge, ID	RRI2	BH[ZEN]	3	IW	43° 20.84'	111° 19.20'	2547	3ESP	RT-130	Digital	ANSS
RSUT	Red Spur, UT	RSUT	EHZ	1	UU	41° 38.31'	111° 25.90'	2682	S13	PSN	Analog	USGS
			EHZ	1					EpiSensor	Basalt	Digital	
			EN[ZEN]	3								



UURSN Code	Location	SEED Station	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
SAIU	South Antelope Island, UT	SAIU	EHZ	1	UU	40° 51.29'	112° 10.89'	1384	L4C	PSN	Analog	USGS
			EHZ	1						Basalt	Digital	
			EN[ZEN]	3					EpiSensor			
SCC	Salt Lake Community College	SCC	EN[ZEN]	3	UU	40° 40.49'	111° 56.37'	1306	EpiSensor	K2	Digital	ANSS
SCS	Syracuse City Cemetery Shop Syracuse, UT	SCS	EN[ZEN]	3	UU	41° 05.73'	112° 02.81'	1321	EpiSensor	K2	Digital	ANSS
SCUT	Santa Clara, UT	SCUT	EN[ZEN]	3	UU	37° 07.69'	113° 38.68'	837	EpiSensor	Etna	Digital	Utah
SCY	Salem City Yard, Salem, UT	SCY	EN[ZEN]	3	UU	40° 03.47'	111° 41.14'	1386	Applied Mems	ANSS-130	Digital	ANSS
SGSU	St. George Fire Station #4, UT	SGSU	EN[ZEN]	3	UU	38° 16.61'	112° 38.42'	1799	PA-23	SMART-24	Digital	Utah
SGU	Sterling, UT	SGU	EHZ	1	UU	39° 10.94'	111° 38.68'	2357	18300	PSN	Analog	USGS
SHP	Sheep Range, NV	SHP	EHZ	1	NN	36° 30.33'	115° 09.61'	1590	*	*	Digital	UNR
SJF	South Jordan Fire Station, South Jordan, UT	SJF	EN[ZEN]	3	UU	40° 33.37'	111° 56.34'	1356	Applied Mems	ANSS-130	Digital	ANSS
SNO	Snow College, UT	SNO	EHZ	1	UU	39° 19.18'	111° 32.33'	2503	Ranger	PSN	Analog	Utah
SNUT	Stansbury North, UT	SNUT	EHZ	1	UU	40° 53.10'	112° 30.52'	1652	18300	PSN	Analog	USGS
			EHZ	1						Basalt	Digital	
			EN[ZEN]	3					EpiSensor			
SPR	Wildlife Resource Center Springville, UT	SPR	EN[ZEN]	3	UU	40° 10.94'	111° 36.71'	1379	EpiSensor	K2	Digital	ANSS
SPS	Stansbury Park Sewage Lagoon Stansbury Park, UT	SPS	EN[ZEN]	3	UU	40° 38.97'	112° 18.95'	1293	Applied Mems	ANSS-130	Digital	ANSS
SPU	South Promontory Point, UT	SPU	EN[ZEN]	3	UU	41° 18.52'	112° 26.95'	2086	EpiSensor	ANSS-130	Digital	ANSS
			HH[ZEN]	3					3ESP			
SRU	San Rafael Swell, UT	SRU	EHZ	1	UU	39° 06.65'	110° 31.43'	1804	S13	PSN	Analog	Utah, ANSS, IRIS
			HH[ZEN]	6					STS-2	ANSS-130	Digital	
			EN[ZEN]						EpiSensor			
SSC	Sandy Senior Center Sandy, UT	SSC	EN[ZEN]	3	UU	40° 34.89'	111° 51.35'	1414	EpiSensor	K2	Digital	ANSS
SUU	Santaquin Canyon, UT	SUU	EHZ	1	UU	39° 53.29'	111° 47.45'	2024	18300	PSN	Analog	USGS
SZCU	Shurtz Canyon, UT	SZCU	HH[ZEN]	3	UU	37° 35.72'	113° 05.25'	2026	3T	SMART-24	Digital	Utah
			EN[ZEN]	3					PA-23			

UURSN Code	Location	SEED Station	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
TCRU	Three Creeks Reservoir, UT	TCRU	HH[ZEN]	3	UU	38° 36.57'	112° 26.83'	2293	Trillium 120	SMART-24	Digital	Utah
			EN[ZEN]	3					PA-23			
TCU	Toone Canyon, UT	TCU	EN[ZEN]	3	UU	41° 07.04'	111° 24.47'	2269	EpiSensor	ANSS-130	Digital	ANSS
			HH[ZEN]	3					3ESP			
TCUT	Toone Canyon, UT	TCUT	EHZ	1	UU	41° 07.07'	111° 24.51'	2320	L4C	PSN	Analog	USGS
TMI	Taylor Mountain, ID	TMI	EHZ	1	IE	43° 18.30'	111° 55.08'	2179	*	*	Digital	INL
TMU	Trail Mountain, UT	TMU	HH[ZEN]	3	UU	39° 17.79'	111° 12.49'	2731	Observer	ANSS-130	Digital	Utah, ANSS
			EN[ZEN]	3					EpiSensor			
TPMZ	Teepe Creek, MT	TPMT	EHZ	1	MB	44° 43.79'	111° 39.94'	2518	*	*	Analog	MBMT
TPNV	Topopah Spring, NV	TPNV	BH[ZEN]	3	US	36° 56.93'	116° 14.97'	1600	*	*	Digital	USGS
TPU	Thanksgiving Point, Lehi, UT	TPU	EN[ZEN]	3	UU	40° 25.81'	111° 54.13'	1383	EpiSensor	K2	Digital	ANSS
TRC	Troy Canyon, NV	TRC	BHZ	1	NN	38° 20.98'	115° 35.11'	1815	*	*	Digital	UNR
TRS	Tooele County Radio Shop, Tooele, UT	TRS	EN[ZEN]	3	UU	40° 30.83'	112° 18.63'	1568	EpiSensor	K2	Digital	ANSS
TUC	Tucson, AZ	TUC	BH[ZEN]	3	US	32° 18.58'	110° 47.05'	906	*	*	Digital	USGS
U15A	North Rim, AZ	U15A	BH[ZEN]	3	AE	36° 25.80'	112° 17.40'	2489	Trillium 240	Q330	Digital	AZGS
UHP	Utah Highway Patrol Farmington, UT	UHP	EN[ZEN]	3	UU	40° 59.47'	111° 53.88'	1295	EpiSensor	K2	Digital	ANSS
UTH	Uintah Town Hall, Uintah, UT	UTH	EN[ZEN]	3	UU	41° 08.65'	111° 55.52'	1389	EpiSensor	K2	Digital	ANSS
UUE	University of Utah EMCB Bldg. Salt Lake City, UT	UUE	EN[ZEN]	3	UU	40° 46.09'	111° 50.77'	1449	EpiSensor	K2	Digital	ANSS
V05	E. Island Mesa, Paradox Basin, CO	PV05	HH[ZEN]	3	RE	38° 08.87'	108° 50.08'	2142	*	*	Digital	USBR
V11	Davis Mesa, Paradox Basin, CO	PV11	HH[ZEN]	3	RE	38° 17.96'	108° 52.33'	1881	*	*	Digital	USBR
V15	Pinto Mesa, Paradox Basin, CO	PV15	HH[ZEN]	3	RE	38° 20.51'	108° 28.66'	2280	*	*	Digital	USBR
V21	Cone Mountain, Paradox Basin, CO	PV21	HH[ZEN]	3	RE	38° 33.67'	108° 58.50'	2235	*	*	Digital	USBR
VEC	Valley Emergency Communications Center West Valley City, UT	VEC	EN[ZEN]	3	UU	40° 39.21'	112° 01.95'	1480	EpiSensor	K2	Digital	ANSS
VNL	Vernal, UT	VNL	EN[ZEN]	3	UU	40° 27.48'	109° 32.89'	1648	FBA23	Etna	Digital	Utah
W13A	Hualapai Mountain Park, Kingman, AZ	W13A	BH[ZEN]	3	AE	35° 06.00'	113° 53.40'	1988	3T	Q330	Digital	AZGS
WBC	Weber Canyon, UT	WBC	EN[ZEN]	3	UU	41° 08.38'	111° 54.05'	1602	EpiSensor	K2	Digital	ANSS
WCF	Wellsville Fire Station, Wellsville, UT	WCF	EN[ZEN]	3	UU	41° 38.37'	111° 55.94'	1387	Applied Mems	ANSS-130	Digital	ANSS

UURSN Code	Location	SEED Station	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
WCN	Washoe, NV	WCN	HHZ	1	NN	39° 18.10'	119° 45.38'	1500	*	*	Digital	UNR
WCO	Washington City Office Building, UT	WCO	EN[ZEN]	3	UU	37° 07.91'	113° 30.56'	837	EpiSensor	Etna	Digital	Utah
WCU	Willow Creek, UT	WCU	EHZ	1	UU	38° 57.88'	112° 05.44'	2673	18300	PSN	Analog	USGS
			EHZ	1					EpiSensor	Basalt	Digital	
			EN[ZEN]	3								
WDO	Saint George, Washington County School District Office, UT	WDO	EN[ZEN]	3	UU	37° 06.46'	113° 35.19'	831	PA-23	SMART-24	Digital	Utah
WES	Westminster College Salt Lake City, UT	WES	EN[ZEN]	3	UU	40° 43.97'	111° 51.26'	1341	EpiSensor	K2	Digital	ANSS
WHS	West High School	WHS	EN[ZEN]	3	UU	40° 46.51'	111° 53.93'	1301	EpiSensor	K2	Digital	ANSS
WMUT	West Mountain, UT	WMUT	EHZ	1	UU	40° 04.60'	111° 50.00'	1981	L4C	PSN	Analog	USGS
			EHZ	1					EpiSensor	Basalt	Digital	
			EN[ZEN]	3								
WRP	Water Reclamation Plant Salt Lake City, UT	WRP	EN[ZEN]	3	UU	40° 48.82'	111° 55.87'	1286	Applied Mems	ANSS-130	Digital	ANSS
WTU	Western Traverse Mountains, UT	WTU	EH[ZEN]	4	UU	40° 27.29'	111° 57.21'	1552	S13	PSN	Analog	USGS
			EN[ZEN]	3					Applied Mems	ANSS-130	Digital	ANSS
WUAZ	Wupatki, AZ	WUAZ	BH[ZEN]	3	US	35° 31.01'	111° 22.43'	1592	*	*	Digital	USGS
WVUT	Wellsville, UT	WVUT	EHZ	1	UU	41° 36.61'	111° 57.55'	1828	L4C	PSN	Analog	USGS
YDC	Denny Creek, MT	YDC	EHZ	1	WY	44° 42.51'	111° 14.60'	2025	L4C	PSN	Analog	USGS
YFT	Old Faithful (YNP), WY	YFT	HH[ZEN]	3	WY	44° 27.05'	110° 50.24'	2292	Trillium 120	72A-07	Digital	USGS
			EN[ZEN]	3					Titan			
			EHZ	1					L4C			
YGC	Grayling Creek, MT	YGC	EHZ	1	WY	44° 47.77'	111° 06.45'	2075	L4C	PSN	Analog	USGS
YHB	Horse Butte, MT	YHB	EHZ	1	WY	44° 45.07'	111° 11.71'	2157	L4C	PSN	Analog	USGS
			HH[ZEN]	3					Titan	ANSS-130	Digital	
			EN[ZEN]	3								
YHH	Holmes Hill (YNP), WY	YHH	EHZ	1	WY	44° 47.30'	110° 51.03'	2717	S13	PSN	Analog	USGS
			HH[ZEN]	3					Trillium 120	Q330	Digital	
			EN[ZEN]	3								
YHL	Hebgen Lake, MT	YHL	HH[ZEN]	3	WY	44° 51.05'	111° 10.98'	2691	Trillium 120	Q330	Digital	USGS
			EN[ZEN]	3					Titan			

UURSN Code	Location	SEED Station	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
YJCZ	Joseph's Coat (YNP), WY	YJC	EH[ZEN]	3	WY	44° 45.33'	110° 20.95'	2684	S13	PSN	Analog	USGS
YLAZ	Lake Butte (YNP), WY	YLA	EHZ	1	WY	44° 30.76'	110° 16.12'	2580	L4C	PSN	Analog	USGS
YLT	Little Thumb Creek (YNP), WY	YLT	EHZ	1	WY	44° 26.25'	110° 35.28'	2439	L4C	PSN	Analog	USGS
YMC	Maple Creek (YNP), WY	YMC	EH[ZEN]	3	WY	44° 45.53'	111° 00.41'	2073	S13	PSN	Analog	USGS
YML	Mary Lake (YNP), WY	YML	EH[ZEN]	3	WY	44° 36.20'	110° 38.63'	2653	L4C	PSN	Analog	USGS
YMP	Mirror Plateau (YNP), WY	YMP	EHZ	1	WY	44° 44.38'	110° 09.40'	2774	S13	PSN	Analog	USGS
			HH[ZEN]	3					Trillium 120	Q330	Digital	
			EN[ZEN]	3					Titan			
YMR	Madison River (YNP), WY	YMR	HH[ZEN]	3	WY	44° 40.12'	110° 57.90'	2149	Trillium 120	Q330	Digital	USGS
			EN[ZEN]	3					Titan			
YMS	Mount Sheridan (YNP), WY	YMS	EHZ	1	WY	44° 15.84'	110° 31.67'	3106	L4C	PSN	Analog	USGS
YMV	Mammoth Vault (YNP), WY	YMV	EHZ	1	WY	44° 58.42'	110° 41.33'	1829	L4C	PSN	Analog	USGS
YNE	Northeast Entrance (YNP), WY	YNE	HH[ZEN]	3	WY	45° 00.46'	110° 00.48'	2343	Compact	Taurus	Digital	USGS
YNM	Norris Museum (YNP), WY	YNM	HH[ZEN]	3	WY	44° 43.59'	110° 42.22'	2311	Trillium 240	Q330	Digital	USGS
YNR	Norris Junction (YNP), WY	YNR	HH[ZEN]	3	WY	44° 42.93'	110° 40.75'	2336	Trillium 120	RT-130	Digital	USGS
			EN[ZEN]	3					Titan			
YPC	Pelican Cone (YNP), WY	YPC	EHZ	1	WY	44° 38.88'	110° 11.55'	2932	L4C	PSN	Analog	USGS
YPK	Parker Peak (YNP), WY	YPK	EH[ZEN]	3	WY	44° 43.91'	109° 55.32'	2897	L4C	PSN	Analog	USGS
YPM	Purple Mountain (YNP), WY	YPM	EHZ	1	WY	44° 39.43'	110° 52.12'	2582	L4C	PSN	Analog	USGS
YPP	Pitchstone Plateau (YNP), WY	YPP	EHZ	1	WY	44° 16.26'	110° 48.27'	2707	S13	PSN	Analog	USGS
			HH[ZEN]	3					Trillium 120	Q330	Digital	
			EN[ZEN]	3					Titan			
YSB	Soda Butte (YNP), WY	YSB	EHZ	1	WY	44° 53.04'	110° 09.06'	2072	L4C	PSN	Analog	USGS
YTP	The Promontory (YNP), WY	YTP	EHZ	1	WY	44° 23.51'	110° 17.10'	2384	L4	PSN	Analog	USGS
			HH[ZEN]	3					Trillium 120	Q330	Digital	
			EN[ZEN]	3					Titan			
YUF	Upper Falls (YNP), WY	YUF	HH[ZEN]	3	WY	44° 42.76'	110° 30.71'	2394	3ESP	ANSS-130	Digital	USGS
			EN[ZEN]	3					Titan			
YWB	West Boundary (YNP), WY	YWB	EHZ	1	WY	44° 36.35'	111° 06.05'	2310	L4C	PSN	Analog	USGS
ZNPU	Zion National Park, UT	ZNPU	HH[ZEN]	3	UU	37° 21.37'	113° 07.52'	1953	Trillium 120	Q330	Digital	Utah
			EN[ZEN]	3					EpiSensor			

\* Indicates station operated by another agency and recorded as part of University of Utah regional seismic network

Network Statistics: 787 data channels from 256 stations were being recorded at the end of this report period

## EXPLANATION OF TABLE

**UURSN Code:** Station code used in routine processing. Due to processing software limitations, the station code may not be the station code used by the original operator. For multi-component stations, the vertical, east-west, and north-south high gain (low gain) components are identified by an appended Z(V), E(L), and N(M), respectively, in UUSS phase files.

**Location:** General description of station location. YNP = Yellowstone National Park.

**SEED Station:** The SEED (Standard for the Exchange of Earthquake Data) station code used by the original operator.

**SEED Channel:** The SEED format uses three letters to name seismic channels. See <<[http://www.iris.edu/manuals/SEEDManual\\_V2.4.pdf](http://www.iris.edu/manuals/SEEDManual_V2.4.pdf)>> for information about the SEED channel naming convention. Relevant sections are reproduced below. In the SEED convention, each letter describes one aspect of the instrumentation and its digitization. The first letter specifies the general sampling rate and the response band of the instrument. Band codes used in this table include:

Band Code	Band Type	Sample Rate	Corner Period
E	Extremely short period	≥ 80 Hertz	< 10 seconds
H	High broadband	≥ 80 Hertz	≥ 10 seconds
B	Broadband	≥ 10 to < 80 Hertz	≥ 10 seconds
S	Short period	≥ 10 to < 80 Hertz	< 10 seconds

The second letter specifies the family to which the sensor belongs. Sensor families used in this table are:

Instrument Code	Description
H	High gain seismometer
L	Low gain seismometer
N	Accelerometer

The third letter specifies the physical configuration of the members of a multiple axis instrument package. Channel orientations used in this table are:

Z E N      Traditional (Vertical, East-West, North-South)

**Number of Channels:** Total number of waveform channels recorded.

**Network Code:** The FDSN (Federation of Digital Seismographic Networks) registered network code. See <<<http://www.iris.edu/stations/networks.txt>>> for information about registered seismograph network codes. Network codes referenced in this table:

Network Code	Network name; Network operator or responsible organization
AE	Arizona Broadband Seismic Network, Arizona Geological Survey
AR	Northern Arizona Seismic Network, Northern Arizona University
IE	Idaho National Laboratory

IU	IRIS/USGS Network; USGS Albuquerque Seismological Laboratory
IW	Intermountain West Network
LB	Leo Brady Network; Sandia National Laboratory
MB	Montana Regional Seismic Network; Montana Bureau of Mines and Geology
NN	Western Great Basin; University of Nevada, Reno
NP	National Strong Motion Program; U.S. Geological Survey
RE	U.S. Bureau of Reclamation Seismic Networks; U.S. Bureau of Reclamation, Denver Federal Center
UU	University of Utah Regional Network; University of Utah
US	US National Network; USGS National Earthquake Information Center
WY	Yellowstone Wyoming Seismic Network; University of Utah

**Latitude, Longitude:** Sensor location in degrees and decimal minutes; North latitude, West longitude.

**Elevation:** Sensor altitude in meters above sea level.

<b>Sensor</b>	<b>Description</b>
L4, L4C	Mark Products short-period seismometer
S13, 18300	Geotech S13 or 18300 short-period seismometer
Ranger	Kinometrics Ranger short-period seismometer
40T	Guralp CMG-40T broadband seismometer
3T	Guralp CMG-3T broadband seismometer
3ESP	Guralp CMG-3ESP broadband seismometer
STS-2	Streckheisen STS-2 broadband seismometer
FBA23	Kinometrics FBA-23 accelerometer
EpiSensor	Kinometrics EpiSensor accelerometer
Applied Mems	Applied Mems accelerometer
PA-23	Geotech PA-23 accelerometer
Compact	Nanometrics Compact broadband seismometer
Trillium 120	Nanometrics Trillium 120 broadband seismometer
Trillium 240	Nanometrics Trillium 240 broadband seismometer
Titan	Nanometrics Titan accelerometer
Observer	Refraction Technology (REF TEK) 151 Observer broadband seismometer

<b>Digitizer</b>	<b>Description</b>
K2	Kinometrics Altus Series K2 (19-bit resolution field digitizer)
Etna	Kinometrics Altus Series Etna (18-bit resolution field digitizer)
72A-07	Refraction Technology (REF TEK) model 72A-07 (24-bit field digitizer)
72A-08	Refraction Technology (REF TEK) model 72A-08 (24-bit field digitizer)
ANSS-130	Refraction Technology (REF TEK) model 130-ANSS/02 (24-bit resolution field digitizer)
RT-130	Refraction Technology (REF TEK) model RT-130 (24-bit resolution field digitizer)
Q330	Quanterra, Inc Q330 digitizer (24-bit resolution field digitizer)
SMART-24	Geotech SMART-24 digitizer (24-bit resolution field digitizer)

PSN	PSN-ADC-SERIAL version III (16-bit resolution field digitizer)
Basalt	Kinometrics Basalt (24-bit resolution field digitizer)
Taurus	Nanometrics Taurus (24-bit resolution field digitizer)

<b>Telemetry</b>	<b>Description</b>
Analog	Data transmission is analog along part of the transmission pathway
Digital	Data are converted to digital form at the station site
None	On-site recording system

**Sponsor (or Operator for stations marked by \* in preceding columns)**

USGS	U.S. Geological Survey
Utah	State of Utah
ANSS	Advanced National Seismic System
INL	Idaho National Laboratory
USBR	U.S. Bureau of Reclamation
LLNL	Lawrence Livermore National Laboratory
Sandia	Sandia National Laboratory
BYU-I	Brigham Young University, Idaho (formerly Ricks College)
MBMT	Montana Bureau of Mines and Geology
NSMP	National Strong Motion Project, U.S. Geological Survey
UNR	University of Nevada, Reno
AZGS	Arizona Geological Survey
NAU	Northern Arizona University

**NETWORK CHANGES DURING JANUARY 1-MARCH 31, 2012**

January 25	New seismic station YNM (HH[ZEN]).
January 27	Import of seismic stations from Arizona Geological Survey (U15A and W13A, BH[ZEN]).