

EARTHQUAKE ACTIVITY IN THE UTAH REGION

Preliminary Epicenters

April 1 – June 30, 2024

Prepared by the University of Utah Seismograph Stations and funded by
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October 7, 2024

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-2000 (F. W. Klein, 2012, U.S. Geological Survey Open-File Report 02-171 revised) 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 in this table 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 MDT.
- Earthquake location coordinates in degrees and minutes of north latitude and west longitude, and depth in kilometers below sea level. Note that prior to October 1, 2012, the earthquake depths in these quarterly reports were computed relative to a datum of 1500 m above sea level.
- "*" 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 that 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 weighted 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).

EARTHQUAKE ACTIVITY IN THE UTAH REGION

April 1 – June 30, 2024

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During the three-month period April 1, 2024, through June 30, 2024, the University of Utah Seismograph Stations (UUSS) located 1,140 earthquakes within the Utah region (Figure 1). The total includes one earthquake in the magnitude 4 range, six earthquakes in the magnitude 3 range, and 76 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. Five earthquakes were reported felt during the report period (see Table 1, a cumulative tabulation of earthquakes during 2024 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/earthquake-center/quarterly-seismicity-reports>.

Note: On October 1, 2012, UUSS began using the ANSS Quake Monitoring System (AQMS) software package for data acquisition and data processing. The primary effect on the data reported herein comes from computing the earthquake locations with a newer version of the computer program HYPOINVERSE-2000 (F. W. Klein, 2012, U.S. Geological Survey Open-File Report 02-171 revised) and a revised and expanded set of velocity models. As implemented at UUSS, this new version of the location program accounts for station elevation differences more accurately and reports focal depths relative to sea level instead of the 1500 m elevation datum used previously.

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. 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.quake.utah.edu>. Earthquakes 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 encourage 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 _L 3.9	May 4	02:36 MDT	15 mi WSW of Bear River City, UT
M _L 4.4	May 5	17:30 MDT	15 mi WSW of Bear River City, UT
M _L 3.4	May 5	17:31 MDT	15 mi WSW of Bear River City, UT
M _L 3.1	May 6	23:20 MDT	16 mi WSW of Bear River City, UT
M _L 3.1	June 1	11:32 MDT	9 mi SW of Tremonton, UT
M _L 3.1	June 15	23:49 MDT	8 mi SSE of Cedar City, UT
M _L 3.2	June 22	09:41 MDT	14 mi WSW of Bear River City, UT

Other Notable Seismicity

During the report period, there were nine notable spatial clusters of natural earthquake activity. 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 27 earthquakes ($1.1 \leq M \leq 2.8$) occurred about 6 mi WNW of Dayton, ID. 17 of these events, including a magnitude 2.8 shock, occurred between April 29 and April 30.
- B. A cluster of 217 earthquakes ($0.1 \leq M \leq 4.4$) occurred about 12 mi SW of Tremonton, UT. 125 of these events, including a magnitude 4.4 shock, occurred between May 4 and May 13.
- C. A cluster of 10 earthquakes ($0.6 \leq M \leq 1.6$) occurred about 4 mi S of Corinne, UT. Four of these events, including a magnitude 1.6 shock, occurred between June 24 and June 28.
- D. A cluster of 10 earthquakes ($0.9 \leq M \leq 1.8$) occurred about 4 mi NE of Morgan, UT. Nine of these events occurred between April 19 and April 21.
- E. A cluster of 14 earthquakes ($0.97 \leq M \leq 2.3$) occurred about 1 mi SSE of Bluffdale, UT. Eight of these events occurred between May 10 and May 17.
- F. A cluster of 594 earthquakes ($-1.0 \leq M \leq 2.1$) occurred about 10 mi NE of Milford, UT. 13 of these events, including a magnitude 2.1 shock, occurred between May 1 and May 6.
- G. A cluster of 66 earthquakes ($1.0 \leq M \leq 2.9$) occurred about 7 mi WNW of Enoch, UT. 34 of these events, including a magnitude 2.9 shock, occurred between June 8 and June 11.
- H. A cluster of 12 earthquakes ($1.6 \leq M \leq 2.7$) occurred about 1 mi N of Summit, UT. Seven of these events, including a magnitude 2.7 shock, occurred between June 3 and June 4.
- I. A cluster of 28 earthquakes ($1.0 \leq M \leq 3.1$) occurred about 8 mi SSE of Cedar City, UT. 20 of these events, including a magnitude 3.1 shock, occurred on June 16.

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 events include a total of 14 located shocks ($0.5 \leq M \leq 2.1$) that occurred during the report period.

Seismicity of the Utah Region April 1 – June 30, 2024

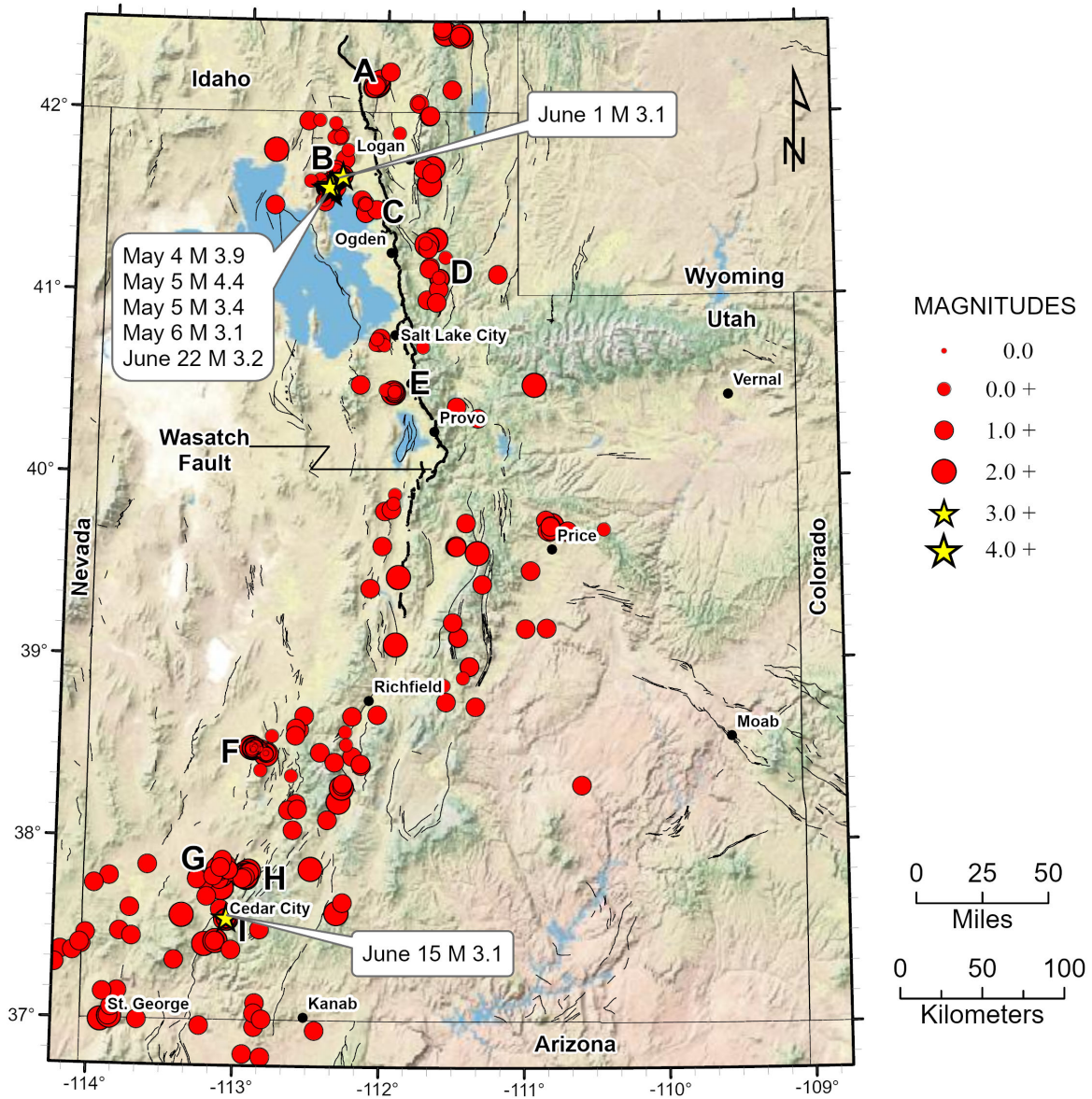


Figure 1. Earthquake epicenters, located by the University of Utah Seismograph Stations, superimposed on a map of Quaternary (geologically young) faults (black lines) compiled by the Utah Geological Survey. The Wasatch fault is shown in bold. Earthquakes of magnitude 3.0 and larger are labeled by local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

Table 1

EARTHQUAKES FELT AND/OR GENERATING A SHAKEMAP IN THE UTAH REGION

January 1, 2024, to December 31, 2024

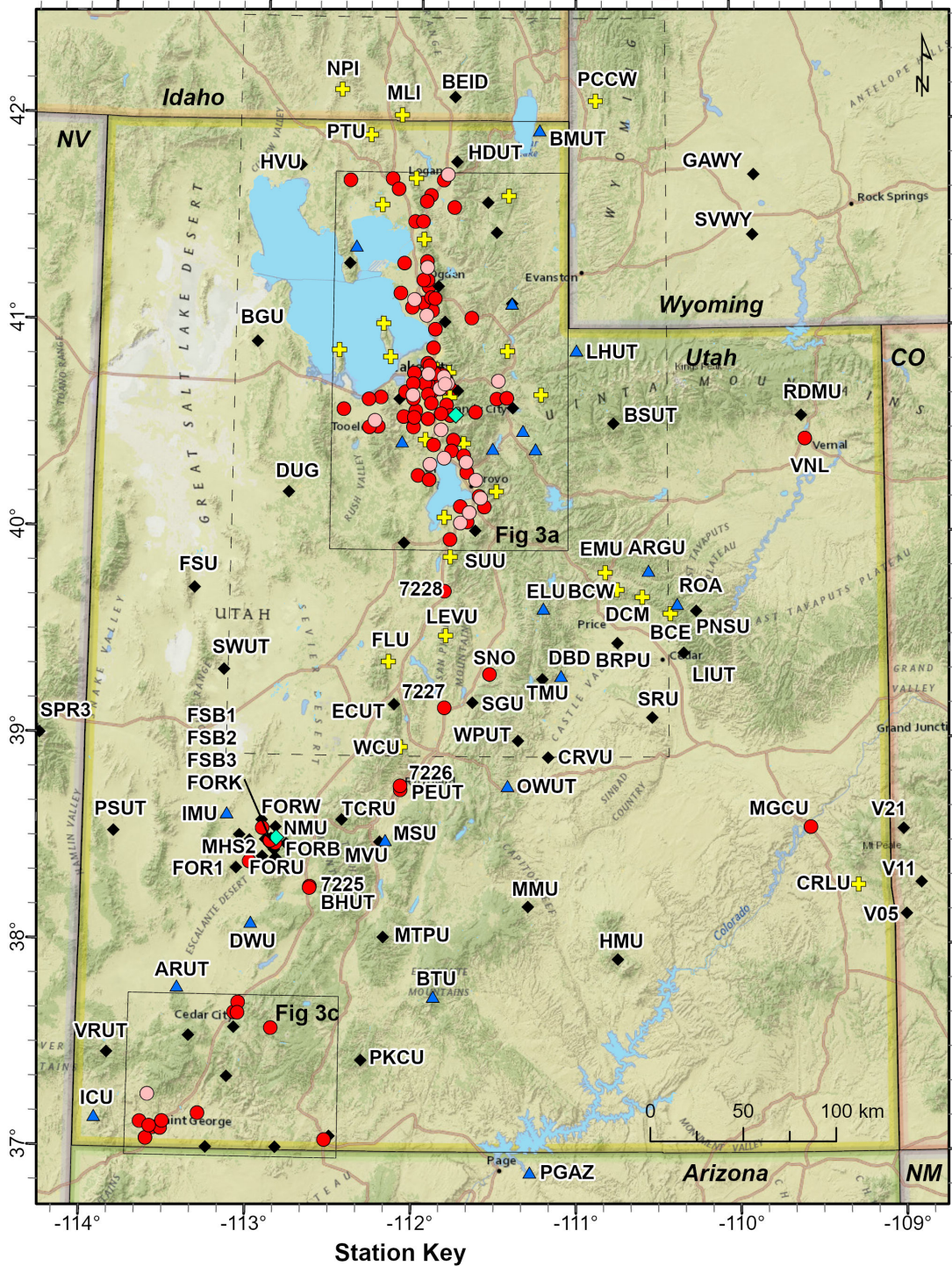
Date and Time†	Felt Information‡	Latitude	Longitude	Magnitude§
2024-02-03 09:28:43 MST 2024-02-03 02:28:43 UTC	DYFI ShakeMap	37° 09.87'	112° 59.44'	M _L 3.5
2024-05-04 02:36:47 MDT 2024-05-04 08:36:47 UTC	DYFI ShakeMap	41° 34.61'	112° 25.12'	M _L 3.9
2024-05-05 17:30:14 MDT 2024-05-05 23:30:14 UTC	DYFI ShakeMap	41° 34.74'	112° 25.10'	M _L 4.4
2024-05-06 23:20:24 MDT 2024-05-07 05:20:24 UTC	DYFI ShakeMap	41° 35.35'	112° 25.27'	M _L 3.1
2024-06-03 11:28:23 MDT 2024-06-03 17:28:23 UTC	DYFI	37° 47.63'	112° 57.09'	M _L 2.7
2024-06-15 23:49:56 MDT 2024-05-16 05:49:56 UTC	DYFI ShakeMap	37° 33.82'	113° 03.56'	M _L 3.1

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

‡ *DYFI* indicates the availability of a Community Internet Intensity Map (<https://earthquake.usgs.gov/earthquakes/dyfi>), compiled by the U.S. Geological Survey (USGS); *ShakeMap* indicates the availability of computer-generated maps of ground-shaking produced by the University of Utah Seismograph Stations (UUSS) and displayed by USGS at <https://earthquake.usgs.gov/earthquakes/shakemap>.

§ Moment magnitude (M_w), Richter local magnitude (M_L), and coda magnitude (M_c) determined by UUSS. If labeled “NEIC,” data are from the National Earthquake Information Center of the USGS.

Utah Regional/Urban Seismic Network June 30, 2024



- | | |
|---|---|
| <ul style="list-style-type: none"> ▲ Single-component, Analog-telemetry, Short-period ◆ Multi-component, Analog-telemetry, Short-period ◆ Multi-component, Digital-telemetry, Broadband ● Multi-component, Digital-telemetry, Strong Motion | <p>Bounds of map correspond to standard "Utah Region"</p> <ul style="list-style-type: none"> ┌ ─ ─ ─ ┐ Traditional "Wasatch Front Area" ✚ Multi-comp Strong-Motion, Vertical Short-Period Digital and/or Analog-telemetry ○ NetQuakes |
|---|---|

Figure 2

Utah Urban Seismic Network (June 30, 2024)

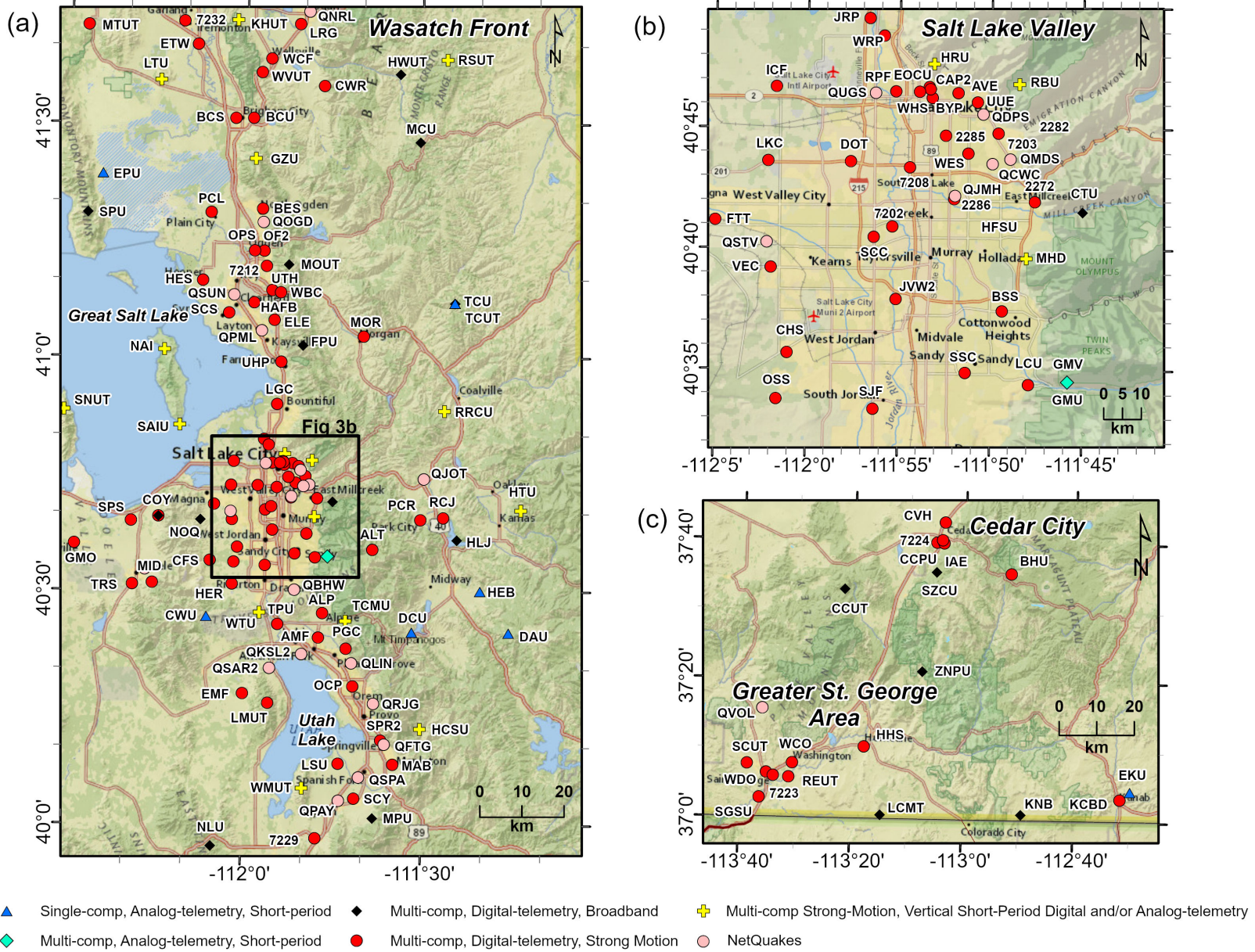


Figure 3

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240401	03:56:40.65	38° 06.37'	112° 22.28'	3.5*	1.2	10	116	18	0.21
240402	06:22:03.21	37° 43.57'	113° 05.77'	-0.1	2.5W	22	57	3	0.26
240402	07:36:57.67	38° 09.48'	112° 38.61'	17.0	1.0	7	136	32	0.03
240402	19:58:42.12	38° 29.43'	112° 50.70'	-0.2	-0.8	19	95	2	0.09
240403	08:11:38.28	39° 41.90'	110° 42.21'	-3.4	1.2	6	151	5	0.06
240403	13:41:09.56	41° 18.03'	111° 38.69'	15.4	2.4W	46	97	21	0.17
240403	18:15:39.45	38° 30.03'	112° 52.45'	1.7	--	15	119	1	0.07
240403	18:24:09.98	38° 30.11'	112° 52.83'	1.7	-0.8	17	93	1	0.07
240403	19:17:46.61	38° 29.88'	112° 52.35'	1.0	-0.5	15	127	0	0.08
240403	19:39:43.84	38° 29.80'	112° 52.25'	0.4	-0.5	23	74	0	0.13
240403	19:53:47.78	38° 29.79'	112° 52.26'	0.6	-0.3	23	73	0	0.12
240403	20:11:30.69	38° 29.95'	112° 52.20'	1.2	-0.8	23	72	1	0.09
240403	20:52:20.42	38° 29.98'	112° 52.39'	1.5	-0.5	22	123	1	0.10
240403	21:34:45.22	38° 29.98'	112° 52.49'	1.1	-0.8	13	111	1	0.07
240403	22:56:37.07	38° 29.99'	112° 52.55'	0.6	-0.5	24	52	1	0.09
240403	22:58:51.08	41° 16.50'	111° 42.53'	15.6	2.3W	25	86	17	0.15
240403	23:05:09.78	41° 16.83'	111° 43.04'	11.0	0.8	15	111	16	0.15
240404	01:29:49.73	38° 30.23'	112° 52.57'	1.4	0.0	13	105	1	0.08
240404	01:35:32.39	38° 29.95'	112° 52.53'	0.9	-0.9	21	58	1	0.09
240404	02:05:29.17	38° 29.89'	112° 52.07'	0.4	-0.4	26	138	1	0.17
240404	02:33:40.18	38° 29.98'	112° 52.56'	1.1	--	11	101	1	0.06
240404	03:37:28.03	38° 30.02'	112° 52.46'	0.6	-0.7	15	117	1	0.09
240404	05:03:54.43	38° 30.10'	112° 52.56'	1.8	0.0	16	73	1	0.08
240404	05:18:43.84	38° 30.01'	112° 52.35'	0.9	-0.2	25	70	1	0.11
240404	06:43:28.21	41° 01.80'	111° 37.16'	7.9	1.0	14	74	4	0.13
240404	07:21:38.47	38° 29.80'	112° 52.19'	1.0	-0.7	22	73	0	0.12
240404	07:25:43.99	38° 30.05'	112° 51.88'	1.0	--	16	141	1	0.11
240404	07:25:45.91	38° 29.84'	112° 52.27'	0.8	-0.5	20	130	0	0.10
240404	07:50:48.15	38° 29.86'	112° 52.16'	0.9	0.6	18	74	0	0.10
240404	07:59:01.10	38° 29.85'	112° 52.42'	1.0	--	28	62	0	0.12
240404	08:00:02.20	38° 29.81'	112° 52.17'	0.8	-0.4	23	74	0	0.13
240404	08:06:49.00	38° 29.79'	112° 52.04'	0.3	-0.2	28	75	0	0.13
240404	08:21:54.88	38° 29.96'	112° 52.28'	0.8	-0.4	28	71	0	0.13
240404	08:22:35.45	38° 29.91'	112° 52.15'	0.4	-0.3	27	73	0	0.15
240404	08:23:12.63	38° 30.33'	112° 52.05'	1.4	--	10	152	1	0.09
240404	08:31:25.18	38° 29.82'	112° 52.26'	0.7	0.1	31	73	0	0.15
240404	08:41:31.90	38° 29.84'	112° 52.33'	1.0	-0.1	19	71	0	0.10
240404	08:41:45.80	38° 29.84'	112° 52.32'	1.3	-0.1	21	71	0	0.11
240404	08:43:37.91	38° 29.96'	112° 52.17'	0.0	-0.2	25	72	1	0.12
240404	08:56:07.71	38° 29.90'	112° 52.38'	0.7	-0.4	26	70	0	0.12
240404	09:03:12.24	38° 30.07'	112° 52.63'	1.7	-0.7	22	66	1	0.08
240404	09:09:11.49	38° 29.94'	112° 52.39'	1.4	-0.6	21	70	0	0.08
240404	09:30:34.17	38° 29.83'	112° 52.32'	1.0	0.1	22	71	0	0.10
240404	09:33:54.00	38° 29.81'	112° 52.34'	0.9	0.3	23	71	0	0.11

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240404	09:37:31.35	38° 29.83'	112° 52.41'	0.4	0.3	24	59	0	0.13
240404	09:37:57.46	38° 29.91'	112° 51.77'	0.9	-0.9	18	148	1	0.12
240404	09:55:45.63	38° 29.87'	112° 52.37'	1.1	-0.4	29	71	0	0.11
240404	10:22:53.53	38° 29.99'	112° 52.47'	1.3	--	12	114	1	0.07
240404	10:32:56.21	38° 30.01'	112° 52.61'	1.4	-0.7	25	53	1	0.10
240404	11:04:25.95	38° 29.77'	112° 52.43'	0.7	0.3	33	47	0	0.13
240404	11:13:30.80	38° 30.78'	112° 53.91'	3.6	-0.4	17	165	2	0.15
240404	11:53:02.87	38° 29.88'	112° 52.84'	1.2	--	13	94	1	0.07
240404	12:08:44.48	38° 29.89'	112° 52.42'	1.0	-0.8	22	66	0	0.12
240404	12:49:49.75	38° 30.03'	112° 52.44'	1.7	-0.8	16	120	1	0.07
240404	13:51:46.54	38° 29.67'	112° 52.39'	0.8	-0.8	22	72	0	0.11
240404	13:51:49.55	38° 29.71'	112° 52.42'	1.0	-0.5	19	68	0	0.12
240404	13:52:35.50	38° 29.80'	112° 52.43'	0.9	-0.6	22	63	0	0.13
240404	14:27:51.60	38° 29.81'	112° 52.44'	0.5	0.5	32	49	0	0.13
240404	14:44:45.05	38° 29.77'	112° 52.51'	0.9	0.2	27	63	0	0.12
240404	15:38:41.25	38° 29.88'	112° 52.17'	0.7	-0.6	18	134	0	0.08
240404	16:38:40.06	38° 29.94'	112° 52.21'	0.4	0.2	24	72	0	0.13
240404	17:09:16.56	38° 29.90'	112° 52.24'	-0.1	-0.7	9	72	1	0.03
240404	23:15:34.40	38° 29.97'	112° 52.61'	0.8	-0.2	12	66	1	0.05
240404	23:25:36.27	38° 30.14'	112° 52.63'	1.2	-0.1	12	67	1	0.06
240405	02:26:39.49	38° 29.83'	112° 52.51'	0.8	0.6	23	63	0	0.11
240405	07:48:29.71	38° 29.70'	112° 51.77'	-1.9	--	7	215	2	0.04
240405	10:13:15.50	38° 29.91'	112° 52.47'	0.7	-0.5	27	57	0	0.14
240405	10:23:56.10	38° 29.97'	112° 52.43'	1.1	0.2	23	67	1	0.11
240405	10:30:37.45	38° 29.92'	112° 52.69'	0.9	--	17	55	1	0.08
240405	10:30:40.50	38° 29.94'	112° 52.67'	1.2	-0.6	14	73	1	0.05
240405	12:38:46.72	38° 30.01'	112° 52.55'	1.2	--	12	64	1	0.05
240405	12:38:49.61	38° 29.98'	112° 52.47'	1.4	0.0	11	115	1	0.06
240405	13:45:13.59	38° 30.04'	112° 52.54'	1.6	-0.3	11	66	1	0.06
240405	15:48:09.63	38° 30.14'	112° 52.29'	1.7	-0.7	7	123	1	0.04
240405	21:17:25.19	38° 30.42'	112° 52.90'	0.7	--	12	85	1	0.04
240405	23:31:41.98	38° 30.19'	112° 52.79'	0.2	--	7	138	1	0.01
240406	00:30:57.90	38° 30.00'	112° 52.36'	0.5	1.1	26	78	1	0.16
240406	02:14:56.77	38° 29.73'	112° 52.45'	0.6	0.5	23	126	0	0.16
240406	02:28:03.46	38° 29.72'	112° 52.57'	0.8	0.8	24	97	0	0.16
240406	03:46:09.72	38° 30.23'	112° 52.52'	0.6	0.4	22	63	1	0.11
240406	03:48:38.78	38° 29.92'	112° 52.48'	0.5	0.9	24	71	0	0.15
240406	03:58:30.52	38° 30.20'	112° 52.61'	0.8	0.0	21	57	1	0.13
240406	04:00:56.43	38° 30.10'	112° 52.67'	1.0	0.1	22	66	1	0.12
240406	04:20:59.23	38° 30.17'	112° 52.72'	0.8	0.1	22	63	1	0.11
240406	04:58:51.81	38° 30.00'	112° 52.66'	0.6	1.0	25	55	1	0.13
240406	05:31:51.65	38° 30.33'	112° 52.77'	0.7	-0.3	16	90	1	0.08
240406	05:43:01.94	38° 30.26'	112° 52.67'	1.3	0.0	17	97	1	0.10
240406	06:12:17.69	38° 29.95'	112° 52.49'	1.1	0.1	17	109	1	0.13

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240406	06:16:02.20	38° 30.21'	112° 52.89'	1.3	0.1	18	80	0	0.08
240406	09:02:57.62	38° 30.32'	112° 52.92'	0.4	-0.3	11	88	1	0.06
240406	09:12:27.28	38° 30.05'	112° 52.63'	0.2	0.7	24	70	1	0.13
240406	09:18:40.61	38° 29.94'	112° 52.68'	0.9	0.4	26	85	1	0.14
240406	10:01:41.05	38° 30.25'	112° 53.06'	0.9	--	16	99	0	0.06
240406	10:02:08.54	38° 30.34'	112° 52.99'	0.7	-0.1	14	95	1	0.05
240406	10:02:44.23	38° 30.22'	112° 52.92'	0.8	-0.2	14	126	0	0.05
240406	10:22:41.79	38° 29.89'	112° 52.68'	0.6	0.2	24	94	1	0.14
240406	10:32:52.26	38° 30.07'	112° 52.64'	0.9	0.3	20	96	1	0.11
240406	10:39:15.49	38° 29.90'	112° 52.55'	0.6	0.8	27	51	0	0.16
240406	10:56:27.51	38° 29.99'	112° 52.60'	0.5	0.4	20	74	1	0.14
240406	11:06:08.78	38° 29.78'	112° 52.69'	1.1	0.5	21	118	1	0.13
240406	11:12:51.73	38° 29.70'	112° 52.71'	1.2	0.1	23	132	1	0.15
240406	11:27:40.09	38° 30.15'	112° 52.81'	1.3	-0.2	19	67	1	0.10
240406	11:34:17.07	38° 29.91'	112° 52.57'	0.6	0.7	22	84	1	0.14
240406	11:34:34.66	38° 30.08'	112° 52.61'	0.3	0.9	24	51	1	0.14
240406	11:40:11.08	38° 30.22'	112° 52.80'	0.6	0.0	17	61	1	0.09
240406	11:43:41.70	38° 30.05'	112° 52.60'	0.2	0.4	23	67	1	0.14
240406	11:44:45.53	38° 30.24'	112° 52.68'	0.7	0.6	24	56	1	0.12
240406	11:48:19.83	38° 29.62'	112° 52.59'	0.8	0.7	29	101	0	0.14
240406	12:10:30.37	38° 29.79'	112° 52.51'	0.5	0.8	26	104	0	0.17
240406	12:11:53.43	38° 29.93'	112° 52.58'	0.4	0.9	29	50	1	0.16
240406	12:12:32.20	38° 30.34'	112° 52.42'	0.6	0.2	18	71	1	0.11
240406	12:19:37.43	38° 30.19'	112° 52.82'	1.2	-0.4	20	64	1	0.11
240406	12:19:44.66	38° 29.70'	112° 52.67'	0.9	0.7	27	100	0	0.14
240406	12:20:04.79	38° 30.12'	112° 52.69'	0.8	0.2	20	66	1	0.08
240406	12:20:40.91	38° 29.85'	112° 52.69'	0.8	0.5	25	101	1	0.14
240406	12:21:30.36	38° 29.86'	112° 52.70'	0.9	0.5	24	102	1	0.15
240406	12:31:04.65	38° 29.90'	112° 52.49'	1.1	0.5	25	76	0	0.15
240406	12:34:54.88	38° 29.80'	112° 52.62'	1.0	0.3	23	110	0	0.16
240406	12:39:54.78	38° 29.89'	112° 52.70'	0.8	-0.1	20	95	1	0.13
240406	12:46:22.85	38° 30.10'	112° 52.92'	1.2	-0.2	19	73	0	0.10
240406	12:53:28.84	38° 30.00'	112° 52.43'	0.3	1.0	25	68	1	0.15
240406	12:55:59.42	38° 29.79'	112° 52.54'	0.9	0.0	23	107	0	0.15
240406	13:03:38.45	38° 30.03'	112° 52.87'	0.0	1.5W	27	61	0	0.14
240406	13:10:19.38	38° 30.15'	112° 52.68'	0.4	0.3	25	62	1	0.11
240406	13:19:15.70	38° 29.60'	112° 52.72'	0.9	0.9	31	101	1	0.15
240406	13:36:34.34	38° 30.02'	112° 52.62'	0.4	0.3	26	49	1	0.14
240406	13:40:37.45	38° 29.74'	112° 52.74'	1.2	0.8	27	97	1	0.14
240406	13:57:04.48	38° 30.45'	112° 52.80'	1.0	-0.3	10	134	1	0.04
240406	14:50:33.72	38° 29.99'	112° 52.49'	0.4	0.9	26	59	1	0.16
240406	15:04:24.46	38° 30.38'	112° 52.37'	0.9	-0.2	17	74	1	0.10
240406	15:07:24.26	38° 29.91'	112° 52.69'	0.8	0.4	23	92	1	0.13
240406	15:11:35.42	38° 29.95'	112° 52.68'	0.6	0.1	17	84	1	0.13

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240406	16:04:03.43	38° 29.96'	112° 52.61'	0.5	0.8	26	54	1	0.14
240406	16:25:26.59	38° 29.94'	112° 52.50'	0.1	0.9	23	71	0	0.13
240406	16:40:39.45	38° 29.89'	112° 52.64'	0.7	0.2	23	92	1	0.13
240406	16:59:20.09	38° 30.28'	112° 52.74'	0.6	-0.3	17	73	1	0.06
240406	17:12:12.80	41° 39.97'	111° 40.48'	10.6	1.2	19	90	11	0.13
240406	17:21:38.19	38° 30.00'	112° 52.76'	0.9	0.1	20	81	1	0.11
240406	18:14:13.35	38° 29.89'	112° 52.59'	0.7	0.8	21	88	1	0.13
240406	18:17:58.80	39° 06.92'	111° 27.89'	1.9*	1.9W	14	49	16	0.14
240406	18:45:30.91	38° 29.96'	112° 52.85'	1.2	-0.1	20	87	1	0.09
240406	19:03:54.05	38° 30.17'	112° 52.24'	0.2	0.2	18	89	1	0.10
240406	19:04:04.40	38° 29.84'	112° 52.59'	0.6	0.6	22	99	0	0.14
240406	19:47:34.11	38° 29.44'	112° 52.59'	0.9	0.8	23	145	1	0.16
240406	19:58:58.02	38° 30.00'	112° 52.79'	1.2	-0.2	17	82	1	0.11
240406	20:04:59.43	38° 29.71'	112° 50.84'	-0.1	0.2	15	258	2	0.10
240406	20:06:46.78	38° 29.56'	112° 50.53'	-0.2	0.0	19	145	3	0.10
240406	21:17:36.24	38° 29.89'	112° 52.73'	1.1	-0.3	23	57	1	0.10
240406	21:28:00.24	38° 29.84'	112° 52.59'	1.2	0.2	21	81	0	0.11
240406	21:31:05.10	38° 29.79'	112° 52.58'	0.7	0.9	23	64	0	0.14
240406	21:47:03.37	38° 29.84'	112° 52.64'	1.0	-0.4	21	60	1	0.12
240406	22:18:53.55	38° 30.03'	112° 52.77'	1.2	-0.9	17	73	1	0.07
240406	22:36:18.59	38° 29.79'	112° 52.79'	1.2	-0.2	20	60	1	0.10
240406	22:47:48.22	38° 29.99'	112° 52.77'	1.1	0.0	11	78	1	0.06
240406	22:52:24.59	38° 30.05'	112° 52.66'	0.6	0.2	23	52	1	0.11
240406	23:10:44.75	38° 29.83'	112° 52.75'	1.0	0.2	23	59	1	0.10
240406	23:12:27.87	38° 29.74'	112° 52.60'	0.8	0.4	26	65	0	0.13
240406	23:22:31.78	38° 29.83'	112° 52.54'	1.0	-0.6	17	86	0	0.10
240406	23:37:01.17	38° 29.88'	112° 52.73'	1.0	-0.2	24	58	1	0.11
240406	23:38:18.77	38° 29.92'	112° 52.87'	1.1	-0.6	15	70	1	0.05
240406	23:41:17.20	38° 29.83'	112° 52.86'	1.6	0.0	13	77	1	0.05
240406	23:56:29.84	38° 29.99'	112° 52.73'	1.0	0.1	17	53	1	0.09
240407	00:18:03.29	38° 29.71'	112° 52.85'	0.3	1.8W	29	41	1	0.17
240407	00:39:42.95	38° 29.84'	112° 53.89'	1.8	0.0	8	242	1	0.04
240407	01:04:38.33	38° 29.81'	112° 52.46'	0.7	0.8	24	64	0	0.15
240407	01:54:06.98	38° 29.95'	112° 53.00'	2.2	0.0	12	109	0	0.06
240407	02:10:52.12	38° 29.99'	112° 52.86'	1.4	-0.7	14	72	1	0.05
240407	03:10:06.41	38° 29.84'	112° 52.68'	1.3	0.0	17	60	1	0.10
240407	03:37:30.46	38° 29.92'	112° 52.67'	0.7	-0.8	14	63	1	0.10
240407	03:46:19.15	38° 29.76'	112° 52.63'	0.9	0.2	18	65	0	0.13
240407	06:21:40.02	38° 29.95'	112° 52.83'	1.3	0.1	19	53	1	0.09
240407	06:26:53.93	38° 29.75'	112° 52.59'	1.0	0.1	18	66	0	0.13
240407	07:21:19.38	38° 29.60'	112° 52.77'	0.8	1.9W	36	40	1	0.16
240407	07:42:21.24	38° 29.94'	112° 52.72'	1.2	-0.9	13	80	1	0.06
240407	07:42:44.71	38° 30.33'	112° 52.92'	1.0	-0.9	11	145	1	0.07
240407	08:58:03.43	38° 29.80'	112° 52.68'	0.7	0.0	14	62	1	0.09

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240407	09:18:27.47	38° 29.87'	112° 52.74'	1.0	-0.3	20	57	1	0.11
240407	09:23:19.61	38° 29.85'	112° 52.85'	1.6	-0.9	15	68	1	0.06
240407	09:52:58.92	38° 29.89'	112° 52.94'	1.3	-0.4	15	73	1	0.06
240407	11:53:21.81	39° 10.08'	110° 50.51'	15.5	1.5W	27	65	27	0.18
240407	12:08:25.02	38° 29.89'	112° 52.75'	1.5	-0.3	19	56	1	0.08
240407	14:22:50.82	38° 29.89'	112° 52.69'	1.3	-0.2	20	58	1	0.11
240407	14:44:38.08	38° 29.93'	112° 52.86'	1.5	-0.4	17	52	1	0.06
240407	14:45:37.19	38° 29.96'	112° 52.80'	1.5	0.0	18	52	1	0.06
240407	15:18:30.53	38° 29.94'	112° 52.94'	1.7	-0.9	11	99	0	0.05
240407	15:55:59.28	38° 29.85'	112° 52.57'	0.8	0.8	28	40	0	0.14
240407	16:29:06.58	38° 29.71'	112° 52.59'	0.5	0.9	24	68	0	0.15
240407	16:51:27.68	38° 29.95'	112° 52.26'	1.8	-0.4	18	129	0	0.09
240407	21:22:38.62	38° 30.01'	112° 52.95'	1.8	-0.9	14	76	0	0.05
240408	07:38:13.88	38° 29.72'	112° 52.52'	1.5	-0.6	16	65	0	0.10
240408	08:16:06.66	38° 29.92'	112° 52.79'	1.3	-0.5	16	72	1	0.06
240408	08:36:52.47	38° 30.30'	112° 52.92'	1.0	-0.5	15	56	1	0.07
240408	13:56:37.88	39° 34.78'	111° 19.96'	10.5	2.2W	28	73	13	0.13
240408	14:04:44.96	38° 30.08'	112° 52.70'	0.8	-0.1	16	91	1	0.10
240408	14:50:06.97	37° 02.37'	112° 51.56'	21.2	1.5W	9	160	4	0.08
240408	16:32:49.65	38° 29.54'	112° 50.22'	0.1	0.6	14	200	3	0.05
240408	16:35:23.91	38° 29.54'	112° 49.98'	0.2	0.8	22	100	3	0.22
240409	19:19:24.99	38° 34.09'	112° 36.05'	0.3*	1.2W	21	95	14	0.14
240410	02:55:51.44	39° 44.68'	111° 24.81'	7.4*	1.3W	24	73	21	0.18
240410	14:51:58.31	38° 30.08'	112° 52.70'	1.4	0.7	27	47	1	0.11
240410	18:23:01.99	40° 22.99'	111° 29.09'	7.2*	1.7W	29	71	19	0.17
240411	03:33:22.20	41° 40.63'	112° 22.62'	0.9*	0.8	13	101	14	0.10
240412	07:14:42.01	37° 35.63'	112° 18.05'	9.7*	2.1W	21	106	50	0.14
240412	12:31:41.77	38° 45.60'	111° 32.95'	-0.3*	1.4W	16	98	11	0.20
240412	13:59:34.92	39° 43.92'	110° 48.73'	-3.4	1.4	8	104	6	0.19
240413	01:25:14.22	37° 23.20'	113° 01.38'	18.8	1.8W	17	111	10	0.14
240413	15:53:49.71	40° 43.22'	112° 00.48'	9.4	0.4	10	134	7	0.14
240413	19:06:26.05	38° 30.08'	112° 52.99'	0.0	--	7	97	0	0.02
240414	20:47:13.59	37° 47.02'	113° 52.46'	1.9*	1.8	10	112	36	0.20
240415	03:22:08.27	39° 26.70'	111° 53.47'	12.9	2.3W	36	46	9	0.18
240416	16:50:43.85	38° 29.03'	112° 50.54'	0.4	0.2	26	106	3	0.17
240417	10:54:13.33	37° 36.55'	113° 06.18'	10.3	1.7W	22	56	7	0.09
240419	22:28:07.68	41° 05.31'	111° 36.67'	12.0	1.4W	30	68	7	0.18
240419	22:28:30.91	41° 05.03'	111° 37.02'	11.7	1.8W	35	65	6	0.22
240419	22:28:51.35	41° 05.28'	111° 36.86'	12.9	1.2	22	67	6	0.18
240419	22:30:11.54	41° 05.35'	111° 37.12'	14.7	1.3W	27	67	6	0.20
240419	22:38:53.15	41° 05.56'	111° 37.11'	14.1	0.9W	20	69	7	0.16
240420	00:48:23.54	39° 42.37'	110° 48.75'	-3.4	1.2W	12	101	7	0.21
240420	10:12:46.28	37° 45.70'	113° 12.62'	8.9	1.7W	15	108	15	0.20
240420	11:03:23.13	38° 20.79'	112° 37.62'	6.8*	0.3	14	101	21	0.08

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240420	11:47:06.55	41° 40.59'	112° 22.59'	8.8	1.6W	24	76	14	0.15
240420	16:48:22.61	39° 22.94'	112° 05.39'	5.1	1.9W	26	67	7	0.18
240421	07:57:47.04	41° 09.02'	111° 41.03'	8.6	1.2W	26	76	12	0.10
240421	08:04:39.43	41° 08.48'	111° 41.35'	10.0	1.0W	22	74	11	0.09
240421	09:26:04.43	41° 05.31'	111° 36.71'	10.7	1.3W	33	68	7	0.18
240421	09:36:21.00	41° 05.33'	111° 36.62'	12.3	1.6W	31	62	7	0.19
240421	16:16:57.93	37° 49.14'	112° 54.61'	6.8*	2.7W	27	75	22	0.19
240421	21:56:56.09	41° 56.91'	112° 34.90'	9.1*	1.8W	18	152	21	0.10
240423	18:02:20.87	39° 29.02'	110° 57.26'	2.6*	1.0	14	90	18	0.14
240423	22:57:48.89	38° 22.53'	112° 50.49'	8.4	0.5	21	193	9	0.11
240423	23:10:13.75	38° 17.61'	112° 16.09'	6.6*	1.7W	19	60	26	0.12
240423	23:38:39.27	38° 17.66'	112° 16.22'	-2.1*	1.6W	17	73	26	0.11
240426	11:58:02.83	40° 19.23'	111° 19.92'	5.2*	0.9	22	155	33	0.16
240426	15:19:13.22	39° 24.51'	111° 17.83'	16.6	1.0	12	190	15	0.12
240426	16:54:21.70	36° 59.77'	113° 39.61'	3.4*	1.7W	11	162	29	0.06
240426	23:27:11.29	41° 40.85'	112° 22.73'	-2.9*	1.0	9	100	15	0.13
240427	05:24:47.37	38° 25.43'	112° 19.58'	2.1*	1.5W	14	100	16	0.14
240427	11:14:29.26	37° 24.83'	114° 03.94'	10.7	1.2	8	163	19	0.07
240427	21:05:36.84	39° 42.17'	110° 41.46'	-2.2	1.1	12	115	5	0.13
240429	01:51:35.03	42° 08.84'	112° 06.75'	2.5*	1.5W	10	260	13	0.15
240429	03:58:33.49	38° 28.04'	112° 48.38'	3.5	-0.2	16	214	3	0.11
240429	04:40:01.71	41° 30.89'	112° 27.40'	4.6*	0.8	9	135	19	0.09
240429	10:57:05.01	42° 09.01'	112° 05.18'	8.6	1.2	11	196	14	0.05
240429	17:08:32.73	42° 09.19'	112° 05.60'	7.4	1.9W	13	260	14	0.17
240429	20:00:12.08	42° 09.08'	112° 04.55'	5.3*	2.0W	18	121	14	0.15
240429	20:05:32.88	42° 10.83'	112° 03.39'	1.3*	1.4	8	272	18	0.10
240429	20:12:37.64	42° 09.37'	112° 04.97'	4.8*	2.3W	18	122	15	0.16
240429	20:14:50.04	42° 08.92'	112° 04.72'	5.1*	2.8W	22	121	14	0.14
240429	20:21:32.63	42° 13.24'	111° 59.07'	2.7*	1.2	6	284	24	0.15
240429	20:33:44.72	42° 08.93'	112° 04.98'	7.3	1.9W	17	196	14	0.18
240429	22:33:16.02	42° 08.99'	112° 04.88'	7.5	2.2W	21	196	14	0.16
240429	23:49:57.63	42° 08.72'	112° 05.13'	8.8	2.5W	25	120	14	0.13
240430	00:54:32.86	42° 10.10'	112° 04.82'	5.0*	1.4W	14	143	16	0.16
240430	04:59:01.57	42° 07.96'	112° 06.52'	8.2	1.1	9	258	12	0.03
240430	05:21:02.48	42° 09.26'	112° 04.49'	7.7	2.4W	26	127	15	0.16
240430	07:11:59.99	38° 28.23'	112° 48.16'	4.8	1.3W	22	184	3	0.07
240430	07:32:40.55	42° 07.87'	112° 06.98'	7.4	1.2	10	256	12	0.08
240430	08:43:43.14	42° 09.42'	112° 04.71'	7.2*	1.9W	29	140	15	0.18
240430	08:44:15.03	42° 08.72'	112° 05.84'	5.4*	1.5	11	138	13	0.07
240430	20:32:29.48	42° 09.04'	112° 05.13'	7.1	1.1	13	234	14	0.13
240501	00:37:30.18	37° 47.64'	113° 06.06'	12.6	2.0W	26	66	14	0.12
240501	01:14:24.82	41° 12.24'	111° 34.33'	5.2*	0.9	9	114	17	0.16
240501	11:23:47.37	38° 28.15'	112° 48.15'	4.4	-0.3	19	184	3	0.06
240501	11:43:04.43	38° 24.93'	112° 08.60'	-2.8*	1.3W	11	125	11	0.22
240501	12:19:56.96	38° 27.71'	112° 48.13'	5.3	0.8	19	137	3	0.10

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240501	17:35:43.80	38° 27.75'	112° 48.40'	5.2	0.9	22	118	3	0.11
240501	18:07:44.33	38° 28.12'	112° 48.39'	4.1	-0.4	14	212	3	0.05
240501	18:50:21.72	38° 27.82'	112° 48.22'	5.2	2.1W	37	51	3	0.17
240502	01:45:55.22	38° 28.23'	112° 48.21'	4.6	0.6	15	183	3	0.05
240502	02:13:14.57	38° 36.48'	112° 35.90'	0.5*	1.3W	16	182	13	0.10
240502	02:19:22.24	42° 09.18'	112° 05.11'	5.4*	1.7W	18	139	14	0.12
240502	02:33:53.28	42° 09.38'	112° 04.56'	4.1*	1.8W	23	122	15	0.12
240502	02:43:26.64	37° 22.12'	114° 06.83'	2.4*	1.3	8	95	25	0.13
240502	02:48:15.72	42° 09.87'	112° 04.63'	6.5*	1.6W	16	141	16	0.15
240502	04:01:12.53	42° 10.82'	112° 03.77'	0.1*	1.2	15	145	18	0.15
240502	05:47:30.00	42° 08.61'	112° 05.58'	7.3	1.1	14	138	13	0.10
240502	08:26:24.69	38° 29.50'	112° 50.43'	-1.3	1.7W	28	73	3	0.16
240502	09:44:12.78	38° 12.38'	112° 17.76'	6.8*	2.2W	39	50	21	0.18
240503	11:32:01.56	42° 10.00'	112° 04.68'	7.6*	1.2	12	143	16	0.11
240503	15:13:15.69	37° 22.34'	114° 11.82'	1.2*	1.4	10	99	32	0.18
240503	17:40:58.36	42° 09.58'	112° 04.81'	5.8*	1.3W	14	199	15	0.13
240503	19:15:54.26	42° 09.53'	112° 04.64'	8.2	2.0W	20	140	15	0.11
240504	08:36:47.24	41° 34.61'	112° 25.12'	6.2*	3.9W	51	92	14	0.21
240504	08:41:54.44	41° 34.83'	112° 24.75'	0.2*	0.9	18	91	14	0.14
240504	08:47:42.05	41° 34.56'	112° 25.54'	6.1*	1.7W	28	93	15	0.21
240504	08:50:26.26	41° 34.77'	112° 25.59'	4.2*	1.9W	32	93	15	0.17
240504	08:53:40.08	41° 34.64'	112° 24.80'	6.5*	2.1W	40	91	14	0.18
240504	09:03:37.78	41° 34.59'	112° 25.02'	7.0	2.2W	37	92	14	0.15
240504	09:06:49.91	41° 34.67'	112° 24.61'	6.4*	1.5W	21	91	14	0.14
240504	09:37:19.21	41° 34.66'	112° 24.81'	0.3*	1.6W	25	91	14	0.18
240504	11:40:21.20	41° 34.24'	112° 25.32'	5.8*	0.9W	19	93	15	0.21
240504	12:09:23.24	41° 34.88'	112° 25.07'	7.1	1.0W	15	121	14	0.13
240504	17:39:03.52	41° 34.45'	112° 26.05'	0.3*	1.1W	16	94	16	0.14
240504	17:41:35.19	41° 35.04'	112° 25.86'	5.6*	0.9	10	125	15	0.09
240504	18:03:23.91	41° 35.17'	112° 25.08'	8.0	1.2W	18	91	14	0.18
240504	20:47:55.45	41° 34.65'	112° 25.07'	3.2*	0.8W	9	122	14	0.08
240504	21:38:08.79	42° 10.12'	112° 04.30'	4.2*	1.9W	18	142	16	0.15
240504	23:06:47.94	38° 27.88'	112° 48.03'	4.1	0.1	21	186	3	0.09
240504	23:36:34.48	41° 30.28'	112° 27.19'	2.9*	1.9W	35	102	13	0.20
240505	03:01:01.25	41° 34.75'	112° 25.38'	5.7*	1.8W	27	92	15	0.15
240505	04:19:47.13	39° 44.05'	110° 48.25'	1.7	2.1W	21	64	9	0.24
240505	07:45:10.25	41° 34.60'	112° 24.68'	5.6*	1.0	6	120	14	0.03
240505	08:03:17.13	41° 34.77'	112° 25.03'	6.1*	1.9W	26	91	14	0.16
240505	08:07:33.07	41° 34.86'	112° 24.83'	8.2	1.7W	19	91	14	0.17
240505	08:15:41.22	41° 34.88'	112° 25.35'	7.6	1.9W	29	93	15	0.17
240505	09:53:19.53	38° 27.93'	112° 48.01'	4.6	0.2	20	186	3	0.07
240505	18:21:44.43	41° 34.72'	112° 25.26'	6.9*	2.3W	34	92	15	0.18
240505	20:00:02.55	41° 34.43'	112° 24.45'	4.9*	1.2	9	120	14	0.20
240505	20:02:26.11	41° 34.27'	112° 25.21'	5.2*	0.9	8	124	15	0.08

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240505	21:32:02.76	41° 34.52'	112° 25.12'	4.3*	1.0	8	122	14	0.05
240505	23:30:14.03	41° 34.74'	112° 25.10'	7.0*	4.4W	28	92	14	0.21
240505	23:31:47.56	41° 35.69'	112° 24.46'	2.2	3.4	40	88	9	0.17
240505	23:40:37.61	41° 34.36'	112° 24.86'	2.0*	1.1	12	92	14	0.11
240505	23:46:04.86	41° 35.25'	112° 25.33'	0.1*	1.3W	15	121	15	0.18
240505	23:50:21.82	41° 35.67'	112° 25.48'	2.8*	0.8W	8	122	15	0.14
240505	23:53:43.63	41° 35.18'	112° 25.07'	7.4	2.1W	22	91	14	0.17
240505	23:57:55.41	41° 37.62'	112° 29.40'	0.1*	0.9W	15	171	21	0.22
240506	00:12:12.68	41° 35.39'	112° 25.36'	4.9*	1.5W	20	91	15	0.16
240506	00:27:31.74	41° 34.82'	112° 25.30'	6.5*	1.2	9	123	15	0.11
240506	00:35:02.61	41° 35.58'	112° 25.30'	6.4*	2.6W	35	91	15	0.17
240506	00:43:06.80	41° 35.06'	112° 24.52'	7.3	2.0W	20	90	13	0.17
240506	01:14:32.54	41° 35.32'	112° 25.03'	6.8*	2.0W	20	91	14	0.18
240506	01:18:06.49	41° 34.64'	112° 25.00'	5.4*	0.9	10	122	14	0.17
240506	01:36:47.52	41° 35.09'	112° 24.57'	5.9*	1.8W	19	90	14	0.18
240506	01:47:44.71	41° 34.85'	112° 25.17'	6.9*	0.9	13	121	14	0.11
240506	01:57:29.35	41° 34.78'	112° 24.92'	7.7	2.0W	28	91	14	0.19
240506	02:18:33.33	41° 35.11'	112° 25.41'	1.9	1.3W	17	92	10	0.15
240506	03:17:55.62	37° 34.44'	113° 22.07'	10.7*	2.2W	27	84	25	0.15
240506	03:24:48.46	41° 34.69'	112° 24.64'	7.3	0.8	8	120	14	0.16
240506	04:29:44.61	41° 34.37'	112° 25.58'	5.0*	0.9	10	125	15	0.07
240506	04:45:24.96	41° 34.68'	112° 25.08'	4.1*	1.4W	15	92	11	0.14
240506	05:10:12.37	38° 28.19'	112° 48.10'	4.3	0.2	16	218	3	0.08
240506	06:53:01.92	41° 34.99'	112° 22.41'	12.1	1.0	6	158	11	0.12
240506	07:50:01.79	41° 35.08'	112° 25.48'	0.2	0.8	14	98	10	0.16
240506	08:00:45.29	41° 35.84'	112° 24.85'	0.8	1.0	15	90	9	0.12
240506	08:16:16.11	38° 28.44'	112° 48.10'	4.7	-0.1	20	161	2	0.07
240506	08:53:59.48	41° 34.63'	112° 25.64'	3.9*	0.9	9	124	15	0.15
240506	09:16:01.54	41° 35.05'	112° 25.96'	3.0	1.1	21	93	10	0.16
240506	10:40:46.05	41° 34.48'	112° 25.30'	2.5*	1.0	17	92	11	0.10
240506	11:36:38.98	41° 35.06'	112° 26.07'	5.3*	1.2	10	125	16	0.12
240506	12:19:15.80	41° 35.01'	112° 24.98'	4.7	1.1W	18	91	10	0.09
240506	12:23:29.65	41° 35.74'	112° 25.46'	6.8	2.0W	33	91	9	0.17
240506	12:51:33.28	38° 28.32'	112° 47.99'	4.2	1.0W	27	73	2	0.11
240506	12:58:54.44	41° 35.54'	112° 25.31'	1.9	1.0	11	121	9	0.07
240506	13:17:09.32	41° 34.69'	112° 24.58'	6.3	1.9W	22	91	11	0.16
240506	13:38:22.88	41° 35.19'	112° 25.35'	4.6	0.9	7	122	10	0.08
240506	15:54:41.50	41° 35.32'	112° 25.25'	6.8*	1.7W	20	91	14	0.17
240506	17:59:00.45	41° 34.87'	112° 25.75'	3.6	1.2	12	124	10	0.12
240506	18:04:40.77	41° 35.06'	112° 26.15'	3.9	1.1	11	125	10	0.11
240506	20:18:14.62	41° 35.51'	112° 25.72'	3.3	1.8W	23	91	9	0.16
240506	20:33:42.12	38° 28.28'	112° 48.21'	4.2	0.0	25	183	2	0.10
240506	22:28:27.98	41° 35.47'	112° 25.74'	5.9	1.0	13	123	9	0.13
240507	02:21:11.73	41° 35.27'	112° 25.57'	3.6	1.0	16	123	10	0.09

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240507	05:20:24.45	41° 35.35'	112° 25.27'	6.1	3.1W	53	91	9	0.18
240507	05:26:16.14	41° 35.45'	112° 25.01'	7.1	2.2W	38	91	9	0.19
240507	05:32:51.14	41° 35.63'	112° 25.18'	5.5	1.4W	25	91	9	0.16
240507	05:40:14.63	41° 56.24'	112° 22.95'	4.6	0.9	11	93	5	0.13
240507	05:47:01.73	42° 08.83'	112° 05.27'	8.6	1.3	17	186	14	0.12
240507	06:01:15.07	41° 35.45'	112° 25.36'	6.1	1.5W	18	91	9	0.15
240507	07:06:16.57	41° 35.53'	112° 25.72'	6.5	1.0	11	122	9	0.09
240507	08:39:39.38	41° 35.88'	112° 24.92'	7.4	1.8W	25	90	9	0.14
240507	09:00:56.69	41° 35.18'	112° 24.76'	7.4	1.6W	23	90	10	0.16
240507	11:01:00.81	41° 35.09'	112° 25.91'	7.0	2.0W	26	93	10	0.13
240507	11:42:09.72	41° 35.75'	112° 25.64'	6.7	2.0W	26	91	9	0.13
240507	11:47:37.64	41° 35.31'	112° 25.66'	5.8	2.8W	31	92	9	0.19
240507	12:07:35.85	41° 35.18'	112° 25.04'	-1.1	0.9	8	121	10	0.08
240507	12:38:16.17	41° 35.17'	112° 25.21'	1.2	1.2	11	122	10	0.19
240507	14:07:08.07	38° 27.34'	112° 12.19'	11.3*	1.7W	20	101	51	0.13
240507	14:09:58.47	41° 35.60'	112° 25.74'	3.8	1.6W	15	91	9	0.12
240507	16:11:38.51	41° 34.68'	112° 24.51'	5.6	0.9	11	120	11	0.13
240507	17:12:53.24	41° 34.65'	112° 25.67'	2.7*	0.9	9	124	11	0.07
240507	21:26:26.50	38° 40.65'	112° 32.51'	1.3*	1.5W	15	163	30	0.22
240507	21:50:06.44	41° 35.15'	112° 25.15'	5.1	1.7W	32	73	10	0.17
240507	21:55:58.77	41° 34.27'	112° 24.88'	5.7*	1.3	17	109	12	0.07
240507	23:21:51.92	41° 34.48'	112° 26.37'	9.0	0.9	13	116	0	0.15
240507	23:38:51.85	41° 34.26'	112° 25.29'	5.5*	--	14	112	11	0.09
240508	02:32:38.54	41° 35.41'	112° 24.59'	9.5	1.3W	19	55	3	0.15
240508	02:50:19.73	41° 35.00'	112° 23.53'	9.8	0.8	15	90	4	0.25
240508	03:33:53.58	41° 35.02'	112° 24.49'	8.3	0.9	13	66	3	0.12
240508	03:38:45.22	41° 34.82'	112° 24.23'	9.1	1.1	18	54	3	0.14
240508	08:22:29.42	41° 34.40'	112° 25.38'	8.7	0.9	20	62	2	0.17
240508	12:25:05.71	41° 35.39'	112° 25.64'	7.5	2.5W	44	72	2	0.13
240508	13:04:19.98	41° 35.19'	112° 25.47'	7.2	2.2W	32	61	2	0.18
240508	15:51:04.57	41° 35.30'	112° 25.47'	7.8	1.0	13	64	2	0.15
240508	18:38:34.67	41° 35.25'	112° 25.33'	9.0	0.9W	20	59	2	0.12
240508	18:40:49.87	41° 35.36'	112° 25.57'	8.0	0.8	17	68	2	0.10
240509	02:03:28.53	41° 35.57'	112° 25.80'	10.7	0.9	20	80	2	0.15
240509	02:04:52.09	41° 35.71'	112° 26.63'	9.9	0.1	13	105	2	0.16
240509	02:29:09.25	41° 35.44'	112° 24.98'	8.6	1.3W	30	55	3	0.15
240509	03:11:19.55	37° 48.65'	112° 54.35'	1.7*	1.8W	13	88	34	0.33
240509	04:26:43.26	41° 34.45'	112° 25.06'	9.5	1.9W	36	58	2	0.12
240509	05:20:43.49	41° 34.47'	112° 25.21'	9.1	0.7	15	88	2	0.14
240509	08:25:57.88	41° 34.85'	112° 25.28'	8.7	1.0W	23	64	2	0.15
240509	09:04:28.57	41° 34.92'	112° 25.52'	8.1	2.0W	43	51	2	0.18
240509	10:26:24.97	41° 34.80'	112° 25.78'	7.0	0.7	19	56	1	0.16
240509	11:29:55.24	41° 35.34'	112° 26.05'	7.9	0.9	20	88	2	0.16
240509	12:17:16.83	41° 34.20'	112° 25.15'	7.7	0.9	19	103	2	0.12

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240509	15:20:23.74	41° 35.50'	112° 25.78'	6.8	1.5W	37	71	2	0.16
240509	15:26:38.11	41° 34.12'	112° 24.66'	7.8	1.4W	29	71	3	0.25
240510	01:22:41.81	41° 34.96'	112° 24.68'	8.8	1.2W	19	71	3	0.17
240510	01:27:03.55	37° 03.78'	113° 50.35'	10.1	1.6	13	127	12	0.22
240510	08:37:26.09	40° 27.89'	111° 55.93'	6.6	0.7	28	46	2	0.16
240510	09:17:34.61	41° 34.59'	112° 25.33'	8.9	1.8W	34	49	2	0.13
240510	09:27:54.93	41° 34.34'	112° 25.38'	8.4	0.8	14	104	2	0.14
240510	11:55:05.36	37° 29.97'	112° 49.75'	14.7	1.5	19	54	11	0.16
240510	14:49:26.58	41° 35.13'	112° 24.69'	9.3	2.4W	46	43	3	0.15
240510	16:01:15.65	41° 35.88'	112° 24.45'	8.2	1.4W	26	56	4	0.17
240510	16:05:03.91	41° 35.89'	112° 24.43'	8.5	1.0W	22	74	4	0.21
240510	16:08:26.72	37° 48.91'	112° 54.53'	-0.8*	1.8W	19	65	23	0.24
240510	16:24:42.52	40° 27.47'	111° 56.25'	8.6	1.5W	45	57	1	0.21
240510	16:37:32.03	41° 35.58'	112° 24.54'	8.9	1.7W	30	54	3	0.17
240510	19:12:25.52	41° 35.62'	112° 25.88'	7.6	1.0W	14	93	2	0.10
240510	20:32:59.99	42° 27.04'	111° 36.07'	9.1*	1.8W	23	137	40	0.21
240510	21:36:33.08	41° 35.37'	112° 25.35'	7.4	0.9W	14	97	2	0.11
240511	04:56:12.86	40° 44.73'	112° 02.51'	6.0	0.8	31	50	2	0.14
240511	08:08:04.24	41° 34.12'	112° 25.59'	7.6	0.9W	24	83	1	0.15
240511	09:27:20.10	41° 34.57'	112° 24.43'	9.5	0.7	21	81	3	0.12
240511	10:17:02.55	41° 34.69'	112° 24.35'	10.0	0.7W	17	103	3	0.13
240511	11:03:36.94	41° 35.61'	112° 24.77'	9.4	0.5	19	54	3	0.16
240511	13:57:11.81	39° 48.46'	111° 59.52'	7.8*	1.7W	34	46	18	0.18
240511	14:59:31.98	41° 34.60'	112° 25.34'	8.4	1.1W	24	66	2	0.14
240511	17:25:33.67	40° 27.68'	111° 55.58'	5.7	0.9	24	56	2	0.17
240511	18:37:37.95	41° 35.07'	112° 25.37'	7.1	0.7	16	79	2	0.17
240511	20:55:47.97	41° 35.33'	112° 25.63'	6.8	0.7	12	89	2	0.19
240512	02:12:57.23	41° 34.73'	112° 25.79'	7.7	0.7	12	80	1	0.14
240512	07:44:32.96	38° 18.36'	112° 15.97'	6.0*	1.0W	16	148	24	0.11
240512	11:02:11.57	39° 11.86'	111° 30.31'	5.4*	1.3W	10	118	26	0.09
240512	12:02:24.61	41° 34.83'	112° 24.38'	8.7	1.5	31	43	3	0.16
240512	12:48:23.71	37° 26.08'	113° 07.86'	10.3	1.9W	28	53	9	0.14
240512	13:09:18.91	41° 35.68'	112° 24.61'	7.1	0.7	15	53	3	0.20
240512	13:25:48.45	37° 26.04'	113° 07.90'	9.6	2.1W	29	53	9	0.14
240512	14:19:59.32	37° 26.07'	113° 08.12'	10.4	1.8W	27	53	9	0.14
240512	15:07:27.73	41° 35.37'	112° 25.54'	5.2	1.0W	16	77	2	0.17
240512	21:56:37.05	41° 35.51'	112° 23.85'	6.1	0.8W	19	50	4	0.13
240512	22:20:53.58	41° 35.65'	112° 23.99'	4.8	1.2W	23	43	4	0.16
240513	06:49:45.97	41° 34.78'	112° 24.39'	7.0	0.8	15	74	3	0.15
240513	18:24:27.13	41° 35.35'	112° 25.61'	7.1	1.5W	24	70	2	0.13
240516	02:39:54.81	37° 36.64'	113° 43.62'	12.9	1.3	6	178	20	0.20
240516	04:42:19.67	41° 34.23'	112° 24.70'	6.5	0.8	14	95	2	0.09
240516	04:51:40.62	41° 29.63'	112° 09.35'	3.4*	0.6	22	49	13	0.17
240516	07:22:34.16	41° 35.83'	112° 24.12'	8.1	1.9W	40	47	4	0.16

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240516	07:57:15.82	37° 40.74'	113° 11.88'	9.2*	1.3W	8	135	25	0.09
240516	10:06:45.58	40° 27.35'	111° 55.75'	7.7	0.9	26	109	2	0.22
240516	10:20:28.38	40° 27.32'	111° 55.88'	8.1	0.8	41	57	2	0.25
240516	10:27:45.77	40° 27.85'	111° 55.24'	5.0	0.8	19	93	3	0.16
240516	10:46:05.60	39° 37.20'	111° 28.77'	9.8*	1.0	15	100	24	0.18
240516	10:58:54.55	40° 27.39'	111° 56.09'	8.3	1.6W	48	57	2	0.21
240516	20:54:18.51	40° 43.35'	112° 04.41'	10.0	0.7	22	58	3	0.16
240517	06:07:22.62	41° 34.26'	112° 25.31'	6.6	0.9W	23	70	2	0.16
240517	11:53:57.18	41° 35.07'	112° 25.83'	4.4	0.9	11	97	1	0.14
240517	21:37:43.96	40° 27.34'	111° 55.40'	7.0	1.4W	21	79	3	0.17
240518	03:06:51.07	41° 29.83'	112° 09.40'	6.7	0.8	20	61	13	0.15
240518	08:35:39.55	40° 27.86'	111° 55.92'	7.7	1.0	26	94	2	0.18
240518	11:15:23.05	37° 00.69'	113° 51.27'	2.4*	1.8W	24	131	17	0.25
240518	16:49:31.40	39° 36.96'	111° 29.16'	3.9*	1.4W	24	83	24	0.16
240518	18:05:16.14	41° 35.30'	112° 25.58'	8.3	1.0W	18	77	2	0.13
240519	02:51:40.93	37° 28.04'	114° 01.62'	10.6	1.2	10	144	15	0.24
240519	05:34:58.24	41° 35.09'	112° 25.99'	6.5	1.2W	16	96	1	0.08
240519	07:01:31.05	41° 34.39'	112° 25.72'	7.6	1.8W	34	67	1	0.15
240519	21:27:26.49	41° 34.74'	112° 24.60'	8.4	2.0W	33	45	3	0.14
240519	21:36:12.38	37° 24.28'	114° 03.27'	7.2*	1.7W	11	96	19	0.16
240520	01:04:45.53	37° 00.55'	113° 50.85'	-2.9*	2.1W	15	131	17	0.24
240520	01:10:25.47	39° 36.80'	111° 28.78'	7.8*	1.0	9	102	24	0.19
240520	02:18:50.88	38° 41.22'	112° 01.80'	10.7	1.4W	14	136	11	0.13
240520	04:51:41.81	41° 35.00'	112° 24.68'	7.0	0.8	18	64	3	0.16
240520	10:58:51.84	41° 35.04'	112° 24.71'	8.4	1.9W	25	40	3	0.12
240520	15:15:54.65	41° 35.25'	112° 25.52'	4.3	1.2	16	65	2	0.14
240520	20:22:04.15	40° 42.63'	111° 43.81'	5.9	0.7	21	91	3	0.18
240521	00:43:11.02	40° 27.41'	111° 55.98'	7.1	1.0W	34	57	2	0.16
240521	03:11:07.05	39° 37.09'	111° 29.33'	2.2*	1.1W	17	84	25	0.19
240521	03:56:49.25	41° 34.59'	112° 26.17'	7.6	1.5W	33	47	0	0.16
240521	03:57:20.40	41° 34.64'	112° 25.80'	7.1	0.1	12	92	1	0.17
240521	04:47:55.47	39° 36.88'	111° 29.49'	2.5*	1.5W	20	83	25	0.15
240521	13:05:34.66	37° 18.04'	114° 14.19'	3.2*	1.2	7	162	38	0.11
240521	14:51:48.65	41° 35.07'	112° 25.11'	6.7	1.0	18	63	2	0.13
240521	15:10:51.22	37° 21.22'	114° 14.89'	15.0*	1.5W	11	155	36	0.12
240521	16:27:39.76	37° 19.65'	113° 24.90'	0.3*	1.2W	22	54	23	0.20
240521	16:49:30.21	41° 34.17'	112° 25.11'	7.9	2.2W	43	73	2	0.15
240521	17:43:32.70	41° 33.93'	112° 25.09'	6.2	0.9	12	113	2	0.11
240521	23:00:30.47	36° 56.86'	112° 26.51'	22.1	1.7W	9	155	35	0.14
240522	09:02:30.74	38° 24.40'	112° 08.37'	5.9*	1.6W	32	74	12	0.26
240522	09:17:13.01	41° 34.59'	112° 24.61'	7.3	1.7W	31	51	3	0.14
240522	15:13:57.77	41° 34.50'	112° 26.04'	6.5	1.4	25	89	1	0.14
240522	18:50:02.05	37° 33.68'	113° 02.88'	5.7	1.2W	12	157	5	0.08
240523	11:58:24.66	39° 09.90'	110° 59.39'	6.0*	1.2	8	112	19	0.09

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240524	08:56:12.60	37° 48.37'	112° 56.17'	7.7	2.7W	35	70	15	0.29
240525	12:00:08.25	41° 34.64'	112° 25.93'	7.1	1.0	16	99	1	0.16
240526	07:40:19.83	37° 00.38'	112° 48.35'	21.1	1.1W	8	164	2	0.06
240526	08:09:29.51	41° 34.89'	112° 25.83'	7.9	1.9W	36	61	1	0.15
240526	08:57:52.61	41° 34.32'	112° 25.27'	6.0*	0.8	9	124	15	0.11
240526	09:33:48.14	41° 35.43'	112° 25.51'	6.5*	0.9	13	122	15	0.11
240526	11:09:56.74	37° 47.46'	113° 09.25'	7.4*	1.0W	13	140	22	0.13
240526	12:44:32.32	41° 34.17'	112° 25.48'	8.5	0.7W	18	110	1	0.17
240526	12:45:22.07	41° 34.31'	112° 25.27'	7.2	1.1W	24	67	2	0.17
240526	15:48:31.28	37° 33.97'	113° 03.15'	11.3	1.8W	34	58	4	0.13
240526	16:09:57.77	39° 42.66'	110° 26.02'	27.6	0.5	17	156	8	0.11
240526	16:10:16.56	38° 11.68'	112° 35.39'	2.0*	1.2W	16	93	37	0.26
240527	01:58:57.46	41° 35.69'	112° 24.63'	6.6	1.0W	19	75	3	0.15
240527	02:17:04.63	41° 35.20'	112° 25.10'	4.7*	0.7	10	121	14	0.10
240527	06:50:52.15	39° 06.86'	111° 28.07'	4.2*	1.9W	24	70	16	0.12
240527	11:43:28.44	41° 34.64'	112° 26.03'	6.9	0.7W	15	99	1	0.17
240527	12:46:34.73	41° 34.58'	112° 25.78'	6.0	1.0W	17	77	1	0.12
240527	18:15:24.73	37° 08.80'	113° 54.03'	9.5	1.1W	12	120	2	0.14
240527	19:49:25.92	41° 35.47'	112° 24.96'	7.9	1.5W	19	55	3	0.11
240528	03:49:53.72	41° 27.85'	112° 04.49'	7.3	1.0	17	78	6	0.27
240528	18:09:00.84	41° 35.53'	112° 24.68'	10.1	0.7W	22	51	3	0.15
240528	18:54:09.33	41° 34.61'	112° 25.62'	6.8	1.5W	20	46	1	0.13
240529	04:04:20.00	37° 50.93'	113° 36.71'	1.8*	1.5W	15	95	17	0.24
240529	11:55:09.31	41° 53.04'	111° 54.80'	2.3*	0.7	15	69	15	0.07
240529	15:19:25.60	38° 31.24'	112° 14.74'	-2.1	0.8	8	158	6	0.10
240529	15:41:56.50	41° 35.43'	112° 25.34'	9.0	0.9	20	63	2	0.17
240529	18:17:15.72	41° 34.35'	112° 24.53'	8.9	2.0W	36	61	3	0.17
240529	21:33:27.89	41° 35.69'	112° 25.48'	7.0*	1.1	8	122	15	0.18
240530	03:07:09.51	41° 57.18'	112° 29.97'	0.8*	0.9	8	125	15	0.15
240530	11:55:31.51	36° 58.09'	113° 13.97'	27.7	1.6W	24	160	5	0.15
240530	16:56:59.70	41° 34.52'	112° 24.67'	10.9	0.7	16	83	2	0.14
240530	19:49:30.63	38° 40.61'	112° 12.43'	5.9*	1.9W	27	49	18	0.28
240530	21:13:36.18	41° 35.14'	112° 25.68'	6.3	1.0W	15	67	2	0.11
240531	13:53:26.99	39° 42.30'	110° 50.14'	1.8	1.2	6	205	8	0.30
240531	14:53:51.65	42° 25.28'	111° 28.14'	-1.1*	2.2W	21	130	43	0.11
240531	14:59:41.10	42° 25.16'	111° 28.09'	-1.4*	1.8W	21	127	42	0.13
240531	15:41:16.02	37° 28.91'	113° 47.65'	0.2	1.1	14	91	6	0.22
240601	17:32:50.27	41° 39.01'	112° 19.46'	7.1	3.1W	47	52	9	0.15
240601	17:36:29.27	41° 38.66'	112° 19.34'	5.1	0.9	14	88	9	0.17
240601	17:37:04.94	41° 38.43'	112° 19.58'	5.3	1.2	13	88	9	0.19
240601	19:04:37.99	41° 38.79'	112° 19.98'	7.7	1.9W	32	52	9	0.18
240601	19:08:30.77	41° 39.15'	112° 19.20'	4.3	1.0	18	53	9	0.11
240601	22:03:48.58	41° 35.82'	112° 24.57'	6.0	1.8W	26	53	4	0.23
240601	23:54:43.40	41° 38.70'	112° 19.28'	6.0	1.2W	20	52	9	0.18
240602	00:08:36.63	41° 38.96'	112° 19.35'	6.0	0.8	17	52	9	0.12

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240602	02:16:14.95	41° 06.72'	111° 11.46'	6.0*	1.9W	37	59	29	0.25
240602	02:30:53.62	41° 35.42'	112° 24.70'	9.4	0.8W	16	97	3	0.17
240602	02:39:59.97	41° 35.63'	112° 24.74'	9.6	1.0W	20	53	3	0.16
240602	07:23:51.48	41° 38.62'	112° 19.71'	0.1	1.4W	27	52	9	0.19
240602	09:59:54.21	42° 25.15'	111° 28.55'	5.7*	1.7W	17	147	42	0.09
240602	17:06:25.93	38° 51.04'	111° 34.01'	20.2	0.6W	8	170	15	0.06
240602	22:59:06.84	37° 50.08'	112° 28.95'	6.5*	2.2W	27	88	35	0.21
240603	07:13:40.02	41° 34.56'	112° 24.62'	8.7	1.6W	22	52	3	0.13
240603	10:16:12.70	41° 58.71'	111° 41.73'	2.7*	1.6W	19	118	17	0.16
240603	10:20:31.40	41° 58.91'	111° 41.37'	8.9	1.3W	16	120	17	0.08
240603	16:02:34.87	41° 39.15'	112° 19.18'	4.1	1.0	16	53	9	0.13
240603	17:28:23.62	37° 47.63'	112° 57.09'	7.5*	2.7W	31	86	17	0.30
240603	17:37:03.13	37° 47.11'	112° 55.56'	3.3*	2.3W	33	88	14	0.26
240603	18:04:46.45	37° 47.25'	112° 55.96'	3.6*	1.6W	13	182	25	0.26
240603	18:38:37.07	37° 47.27'	112° 55.86'	0.9*	1.8W	23	114	22	0.30
240603	18:48:55.03	37° 46.76'	112° 57.12'	2.0*	1.6W	15	92	22	0.22
240603	20:03:25.42	41° 34.78'	112° 24.86'	9.2	1.0W	22	46	2	0.15
240603	22:53:58.15	40° 30.29'	110° 55.69'	4.8*	2.0W	27	83	15	0.24
240603	23:27:14.11	41° 34.47'	112° 25.80'	7.5	0.9W	15	102	1	0.14
240604	03:24:46.55	41° 34.55'	112° 26.23'	7.4	1.8W	18	77	0	0.15
240604	04:37:30.71	37° 47.42'	112° 55.67'	0.2*	2.0W	27	88	18	0.22
240604	05:23:07.64	37° 47.38'	112° 56.06'	6.2*	2.4W	31	69	14	0.24
240604	07:11:52.55	41° 34.82'	112° 25.80'	7.0	1.4W	25	55	1	0.16
240604	08:13:07.40	42° 02.85'	111° 46.32'	6.1	1.9W	30	108	8	0.11
240604	11:32:49.63	39° 43.60'	110° 48.86'	-3.4	1.1	11	143	6	0.18
240604	15:10:00.56	38° 29.95'	112° 53.33'	2.4	0.5	15	98	0	0.07
240604	15:48:34.07	38° 30.12'	112° 53.62'	2.0	1.4	21	97	1	0.05
240604	16:15:32.13	38° 30.09'	112° 53.54'	1.9	0.7	20	95	0	0.06
240604	21:10:13.61	41° 44.29'	112° 18.57'	0.6*	1.3	12	79	14	0.19
240605	00:34:14.60	38° 29.85'	112° 53.62'	1.9	0.3	20	84	1	0.06
240605	01:49:59.39	38° 29.87'	112° 53.64'	1.8	1.4W	19	100	1	0.07
240605	01:50:11.99	38° 29.70'	112° 53.73'	1.4	0.7	15	222	1	0.11
240605	02:39:29.08	38° 29.74'	112° 53.65'	1.7	0.3	22	78	1	0.07
240605	02:39:40.95	38° 29.70'	112° 53.36'	1.5	0.5	20	77	1	0.10
240605	05:48:12.18	38° 29.92'	112° 53.67'	1.9	0.3	20	101	1	0.07
240605	06:15:51.11	38° 44.13'	111° 20.54'	11.4	1.1W	11	103	9	0.15
240605	07:05:46.93	41° 29.87'	112° 09.98'	6.4	0.8	22	62	12	0.09
240605	07:28:08.71	38° 29.98'	112° 53.58'	1.7	0.3	23	90	1	0.09
240605	07:33:47.53	38° 30.04'	112° 53.62'	1.9	-0.2	19	108	1	0.06
240605	08:43:35.91	41° 34.06'	112° 24.85'	8.0	2.3W	44	75	2	0.15
240605	10:31:49.59	40° 30.07'	112° 10.64'	0.1	1.0	25	68	7	0.20
240605	10:35:37.71	41° 34.64'	112° 25.98'	9.8	0.7	15	99	1	0.14
240605	10:54:16.48	38° 29.52'	112° 53.51'	1.7	0.9	26	56	1	0.14
240605	11:46:29.46	41° 39.18'	112° 18.99'	6.5	0.9	21	54	9	0.19

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240605	11:49:07.81	38° 17.07'	112° 16.47'	5.2*	2.0W	35	58	27	0.22
240605	11:51:24.37	38° 29.55'	112° 53.45'	1.1	0.9	28	54	1	0.13
240605	12:25:22.93	38° 29.96'	112° 53.50'	1.7	0.8	23	51	1	0.10
240605	13:00:41.78	38° 29.99'	112° 53.58'	1.7	0.7	24	51	1	0.08
240605	13:10:39.30	38° 29.87'	112° 53.57'	1.7	0.5	24	51	1	0.09
240605	13:56:58.39	38° 29.91'	112° 53.58'	1.6	0.1	20	57	1	0.08
240605	17:07:10.64	41° 35.32'	112° 25.45'	2.2*	0.8	13	123	15	0.15
240605	20:36:04.96	38° 29.87'	112° 53.63'	1.9	0.3	17	128	1	0.06
240606	05:31:55.84	41° 35.49'	112° 25.40'	10.4	0.8	19	66	2	0.16
240606	05:38:49.74	38° 29.40'	112° 53.82'	2.6	0.7	16	93	1	0.07
240606	06:11:54.54	41° 37.10'	112° 33.53'	5.0	0.7	18	150	1	0.18
240606	06:51:19.53	36° 47.89'	112° 48.59'	19.6	1.5W	18	161	24	0.16
240606	09:22:09.77	38° 29.41'	112° 53.98'	2.5	0.2	17	152	1	0.07
240606	10:15:56.81	38° 30.69'	112° 54.13'	2.6	0.8W	17	142	1	0.11
240606	12:22:55.44	38° 29.68'	112° 53.68'	2.3	0.1	20	75	1	0.08
240606	13:21:56.53	38° 29.43'	112° 53.92'	2.7	0.4	19	95	1	0.06
240606	17:48:47.66	38° 29.31'	112° 53.88'	2.6	0.4	21	90	1	0.07
240606	19:10:19.25	38° 29.18'	112° 53.83'	2.5	0.7	21	92	1	0.10
240606	19:21:21.34	38° 29.36'	112° 54.02'	2.5	0.2	18	152	1	0.07
240606	21:18:59.83	38° 29.32'	112° 54.08'	2.5	1.0	21	96	1	0.07
240606	22:54:11.80	38° 29.19'	112° 53.82'	2.5	0.3	20	99	1	0.09
240606	22:57:15.36	38° 29.61'	112° 53.74'	3.0	0.8	16	72	1	0.05
240606	23:38:54.56	38° 29.18'	112° 53.81'	2.7	0.8	22	91	1	0.10
240607	00:09:23.76	38° 29.39'	112° 54.02'	2.5	0.4	18	97	1	0.07
240607	00:49:21.18	38° 30.01'	112° 54.18'	1.8	-0.3	10	240	1	0.06
240607	01:26:54.09	38° 29.46'	112° 53.59'	2.1	0.3	21	79	1	0.10
240607	02:01:44.30	38° 29.24'	112° 53.79'	2.6	0.9	18	97	1	0.06
240607	03:12:44.63	38° 29.57'	112° 54.26'	2.0	1.2	20	96	1	0.08
240607	03:15:08.08	38° 29.52'	112° 53.88'	2.8	0.1	17	151	1	0.07
240607	03:29:20.54	38° 29.42'	112° 53.89'	2.8	0.2	19	95	1	0.07
240607	03:38:51.54	38° 29.33'	112° 53.75'	2.7	0.2	16	148	1	0.07
240607	04:42:28.93	38° 29.59'	112° 53.77'	2.1	0.7	16	80	1	0.06
240607	05:24:03.25	38° 29.36'	112° 53.90'	2.5	0.3	20	96	1	0.07
240607	06:20:14.17	38° 29.36'	112° 53.89'	2.7	0.8	26	54	1	0.09
240607	06:41:00.95	38° 29.20'	112° 53.91'	2.1	1.2	35	57	1	0.11
240607	06:51:21.01	38° 29.53'	112° 54.00'	2.5	0.2	18	153	1	0.08
240607	06:52:13.51	38° 29.60'	112° 54.00'	2.3	1.0	20	67	1	0.07
240607	07:23:18.39	38° 29.36'	112° 53.57'	2.4	--	20	82	1	0.08
240607	07:23:19.88	38° 29.12'	112° 54.25'	2.0	0.7	14	105	1	0.13
240607	07:39:02.91	38° 29.32'	112° 54.07'	2.3	0.2	21	99	1	0.08
240607	09:28:46.73	38° 29.84'	112° 53.56'	1.2	0.7	21	83	1	0.10
240607	09:40:42.11	38° 29.32'	112° 54.06'	2.2	0.9	27	59	1	0.09
240607	10:18:43.23	38° 29.22'	112° 53.91'	2.7	-0.1	15	149	1	0.06
240607	11:04:08.23	38° 29.50'	112° 53.95'	2.5	0.4	19	94	1	0.07

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240607	12:47:18.65	38° 29.54'	112° 53.91'	2.8	0.0	18	152	1	0.07
240607	14:20:36.03	38° 29.63'	112° 53.95'	2.5	0.6	19	86	1	0.07
240607	15:21:51.01	38° 29.38'	112° 53.97'	2.6	0.4	19	97	1	0.07
240607	16:16:14.78	38° 29.24'	112° 53.84'	2.8	0.8	24	57	1	0.09
240607	17:55:52.24	38° 29.53'	112° 53.77'	2.8	0.1	16	150	1	0.07
240607	18:39:58.64	38° 29.41'	112° 53.87'	2.4	0.8	26	55	1	0.10
240607	18:41:02.85	38° 29.35'	112° 54.03'	3.1	0.8	23	98	1	0.10
240607	18:53:21.01	41° 29.39'	112° 09.89'	5.3*	0.7	22	63	13	0.14
240607	19:05:40.48	38° 30.13'	112° 53.63'	2.3	0.7	21	57	1	0.10
240607	19:49:14.51	38° 29.52'	112° 53.76'	2.9	0.2	17	82	1	0.06
240607	19:58:58.68	38° 29.31'	112° 53.91'	3.1	0.5	21	97	1	0.09
240607	20:59:55.18	38° 29.64'	112° 54.11'	2.8	0.7	24	66	1	0.09
240607	21:17:34.40	38° 29.27'	112° 54.01'	2.7	1.1	18	99	1	0.06
240607	21:28:14.89	38° 29.44'	112° 54.02'	2.6	0.3	19	96	1	0.07
240607	21:40:19.92	38° 29.51'	112° 53.96'	2.5	0.4	14	152	1	0.05
240607	22:23:55.48	38° 29.38'	112° 54.25'	2.4	0.6	17	101	1	0.07
240607	23:21:41.60	38° 29.47'	112° 53.75'	2.5	0.6	14	97	1	0.06
240608	00:30:24.27	38° 29.92'	112° 53.67'	2.4	-0.1	18	101	1	0.07
240608	00:52:15.55	41° 29.77'	112° 09.87'	7.1	1.3	24	61	13	0.09
240608	01:06:16.97	38° 29.44'	112° 53.89'	2.5	0.7	19	97	1	0.06
240608	01:10:52.37	38° 29.37'	112° 53.77'	2.8	1.4	21	94	1	0.06
240608	01:13:07.64	38° 29.59'	112° 53.96'	3.5	0.3	18	99	1	0.11
240608	01:36:27.08	38° 29.33'	112° 53.87'	2.6	1.3	23	96	1	0.07
240608	02:15:14.01	38° 29.68'	112° 53.46'	2.5	-0.6	11	198	1	0.07
240608	03:36:00.62	38° 29.53'	112° 53.95'	2.9	1.3	21	99	1	0.10
240608	03:37:06.26	38° 29.48'	112° 53.74'	2.3	1.5	23	81	1	0.10
240608	04:02:02.55	38° 29.57'	112° 53.68'	2.2	0.9	19	71	1	0.08
240608	05:06:09.77	38° 29.42'	112° 54.11'	2.9	1.0	19	98	1	0.07
240608	05:25:59.44	38° 29.36'	112° 53.66'	2.0	0.9	29	45	1	0.14
240608	05:31:33.61	38° 29.30'	112° 53.74'	2.8	0.5	19	96	1	0.06
240608	06:07:13.57	38° 29.49'	112° 53.83'	2.6	1.1	30	48	1	0.10
240608	06:23:20.98	38° 29.53'	112° 54.00'	2.9	0.5	23	94	1	0.10
240608	06:24:03.75	38° 29.60'	112° 53.92'	2.7	0.1	20	132	1	0.07
240608	07:08:16.97	38° 29.34'	112° 53.95'	2.5	0.2	20	97	1	0.08
240608	07:20:12.29	38° 29.44'	112° 53.10'	2.5	-0.4	14	132	1	0.07
240608	07:54:26.83	38° 29.38'	112° 53.76'	2.2	-0.1	24	91	1	0.10
240608	08:09:08.81	38° 29.06'	112° 53.63'	1.7	1.5	18	99	0	0.13
240608	08:14:14.97	38° 29.34'	112° 53.79'	2.4	0.6	28	55	1	0.11
240608	08:15:43.42	38° 29.53'	112° 53.83'	2.5	1.0	24	85	1	0.10
240608	08:31:39.18	38° 29.65'	112° 54.05'	3.4	0.2	22	90	1	0.07
240608	08:45:13.71	38° 29.48'	112° 53.75'	2.6	0.6	23	81	1	0.09
240608	08:52:36.21	38° 29.58'	112° 53.88'	2.6	0.3	21	86	1	0.08
240608	09:47:21.75	38° 29.52'	112° 54.16'	3.2	0.4	22	96	1	0.07
240608	11:02:23.58	38° 29.67'	112° 53.89'	2.1	-0.3	21	81	1	0.07

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240608	11:43:14.64	38° 29.53'	112° 53.73'	2.5	0.4	24	77	1	0.09
240608	11:51:24.75	38° 29.23'	112° 53.76'	2.2	-0.1	22	97	0	0.12
240608	12:25:36.52	38° 29.17'	112° 54.04'	2.9	0.1	25	102	1	0.14
240608	12:32:23.11	38° 29.99'	112° 54.04'	4.3	-0.2	20	105	1	0.23
240608	13:28:41.03	38° 29.37'	112° 53.77'	2.2	0.3	21	96	1	0.10
240608	13:39:08.74	38° 29.49'	112° 53.79'	2.7	1.1	19	85	1	0.06
240608	13:40:54.99	38° 29.27'	112° 53.88'	2.2	0.7	23	98	1	0.09
240608	13:48:44.73	38° 29.35'	112° 53.78'	2.5	0.6	24	96	1	0.10
240608	13:52:01.36	38° 29.53'	112° 53.72'	2.5	0.4	24	76	1	0.10
240608	13:55:09.81	38° 29.35'	112° 53.77'	2.3	0.6	20	96	1	0.09
240608	14:20:00.96	38° 29.74'	112° 53.70'	2.3	0.2	23	67	1	0.10
240608	14:40:51.43	38° 29.34'	112° 53.65'	2.4	0.5	22	83	1	0.10
240608	14:45:42.11	38° 29.22'	112° 53.97'	2.8	0.6	25	100	1	0.14
240608	14:48:41.33	38° 29.24'	112° 54.12'	2.9	0.6	24	101	1	0.12
240608	14:54:37.58	38° 29.27'	112° 53.72'	3.0	0.3	25	96	0	0.14
240608	14:58:56.49	38° 29.40'	112° 53.87'	2.7	0.1	23	95	1	0.12
240608	15:05:19.26	38° 29.06'	112° 53.54'	2.4	1.0	22	98	0	0.15
240608	15:26:05.77	37° 50.45'	113° 06.33'	4.1*	1.1W	11	148	14	0.28
240608	15:41:20.90	38° 29.41'	112° 53.82'	3.4	0.9	20	94	1	0.09
240608	16:12:14.30	38° 29.69'	112° 53.83'	2.0	0.7	23	77	1	0.09
240608	16:25:06.63	38° 29.53'	112° 53.88'	2.5	0.5	24	89	1	0.09
240608	16:26:35.08	38° 29.51'	112° 53.91'	2.6	1.3	25	92	1	0.08
240608	16:40:48.09	39° 45.71'	110° 50.79'	1.8	1.6	11	136	6	0.22
240608	16:46:55.01	38° 29.94'	112° 53.12'	3.0	0.7	20	56	0	0.12
240608	16:56:34.93	38° 29.39'	112° 53.77'	2.3	0.7	22	90	1	0.10
240608	17:08:08.53	38° 29.95'	112° 53.77'	2.7	1.1	25	44	1	0.13
240608	17:24:31.93	38° 29.17'	112° 53.82'	2.6	0.8	22	99	1	0.13
240608	17:31:30.11	38° 28.83'	112° 53.57'	3.1	0.9	32	62	1	0.17
240608	17:31:34.72	38° 29.33'	112° 53.73'	3.4	0.6	28	53	1	0.21
240608	18:23:09.70	38° 29.56'	112° 53.70'	3.0	0.7	19	73	1	0.07
240608	18:38:53.40	38° 29.29'	112° 53.93'	2.7	0.4	19	99	1	0.11
240608	18:47:27.91	38° 29.44'	112° 54.05'	3.2	1.0	19	151	1	0.06
240608	18:49:36.39	38° 29.02'	112° 53.91'	2.8	0.9	25	104	1	0.14
240608	19:07:08.05	38° 29.78'	112° 53.79'	3.2	0.7	21	78	1	0.09
240608	19:07:14.89	38° 29.24'	112° 53.35'	2.2	-0.2	15	98	0	0.06
240608	19:14:18.91	38° 29.56'	112° 53.89'	3.3	0.7	23	87	1	0.10
240608	19:19:54.50	38° 29.30'	112° 53.81'	2.5	0.9	23	97	1	0.08
240608	19:23:34.81	38° 29.23'	112° 53.66'	2.2	1.4	23	96	0	0.12
240608	20:12:44.47	37° 49.49'	113° 06.48'	9.5	1.6W	17	89	13	0.24
240608	20:14:38.10	38° 29.39'	112° 53.45'	2.3	1.0	22	93	1	0.12
240608	20:38:15.14	38° 29.25'	112° 53.14'	3.6	0.6	21	88	1	0.15
240608	20:56:12.59	38° 29.61'	112° 54.00'	3.0	0.5	23	90	1	0.08
240608	21:14:21.49	38° 29.54'	112° 53.97'	2.5	0.6	20	93	1	0.07
240608	21:31:47.67	38° 29.39'	112° 53.79'	2.8	0.2	17	96	1	0.06

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240608	21:58:27.29	38° 29.57'	112° 53.70'	2.2	1.0	21	73	1	0.09
240608	22:14:22.16	38° 29.32'	112° 53.84'	2.6	0.9	20	97	1	0.07
240608	22:40:44.67	38° 29.32'	112° 53.80'	2.4	1.0	23	96	1	0.09
240608	22:46:17.02	38° 29.20'	112° 53.99'	2.6	0.3	21	101	1	0.09
240608	22:56:10.30	38° 29.42'	112° 53.61'	2.7	0.9	15	117	1	0.06
240608	23:51:27.72	37° 49.42'	113° 04.98'	10.3	1.6	11	159	12	0.25
240609	00:06:36.49	38° 29.29'	112° 53.61'	2.4	1.0	23	51	0	0.13
240609	00:39:23.72	38° 29.63'	112° 53.84'	1.7	0.1	11	232	1	0.06
240609	01:06:47.82	38° 29.60'	112° 53.85'	2.8	-0.3	12	99	1	0.05
240609	01:10:46.00	37° 48.62'	113° 06.90'	7.6	1.8W	24	65	11	0.27
240609	01:13:53.74	37° 49.53'	113° 06.93'	6.5*	2.0W	28	59	13	0.23
240609	01:51:51.07	38° 29.44'	112° 53.94'	3.5	0.7	16	97	1	0.09
240609	02:02:37.26	38° 29.00'	112° 53.91'	2.8	0.1	14	159	1	0.05
240609	02:22:14.01	37° 49.91'	113° 05.70'	4.3*	2.5W	34	69	13	0.26
240609	02:26:35.00	37° 50.07'	113° 08.11'	5.2*	1.8W	18	103	15	0.27
240609	02:35:44.62	37° 48.67'	113° 07.52'	8.2	1.4W	9	151	12	0.14
240609	02:44:45.34	38° 29.43'	112° 53.72'	2.1	0.7	15	97	1	0.06
240609	02:51:59.74	38° 29.21'	112° 54.02'	2.4	0.8	14	101	1	0.07
240609	03:01:54.82	37° 48.57'	113° 06.24'	-1.6*	1.6W	14	138	11	0.23
240609	03:04:08.86	37° 49.53'	113° 03.68'	3.6*	1.6	7	176	26	0.24
240609	03:09:06.25	37° 49.30'	113° 04.22'	15.1	1.4W	6	166	12	0.04
240609	03:26:16.29	37° 51.39'	113° 06.47'	13.0*	1.9	6	157	29	0.16
240609	03:31:50.79	38° 29.35'	112° 54.06'	2.5	0.1	19	98	1	0.06
240609	03:38:57.55	38° 29.44'	112° 53.89'	2.6	0.2	15	149	1	0.05
240609	03:45:54.02	38° 29.25'	112° 54.02'	2.6	0.7	30	59	1	0.13
240609	03:50:39.88	38° 29.50'	112° 54.11'	3.1	0.6	22	96	1	0.07
240609	03:59:30.61	38° 29.10'	112° 53.59'	2.0	1.0	34	54	0	0.15
240609	04:09:39.13	38° 29.56'	112° 53.56'	2.3	-0.4	22	72	1	0.11
240609	04:09:43.43	38° 29.53'	112° 53.84'	3.5	-0.1	20	86	1	0.07
240609	04:21:30.77	38° 30.08'	112° 54.15'	2.8	0.1	16	106	1	0.07
240609	04:33:58.04	38° 29.17'	112° 54.30'	2.4	0.7	23	104	1	0.10
240609	04:55:29.84	38° 29.52'	112° 53.99'	2.9	0.7	25	94	1	0.08
240609	05:04:12.07	38° 29.44'	112° 53.72'	1.8	0.8	27	50	1	0.12
240609	05:04:43.78	38° 29.35'	112° 53.89'	2.5	1.2	23	96	1	0.08
240609	05:07:30.06	38° 29.54'	112° 53.92'	2.9	0.4	23	90	1	0.09
240609	05:17:22.67	37° 46.34'	113° 06.81'	12.1	1.3	7	130	8	0.07
240609	05:35:29.61	38° 29.66'	112° 53.77'	2.3	1.4	24	74	1	0.12
240609	05:56:40.60	38° 29.67'	112° 53.62'	1.7	1.4	23	76	1	0.09
240609	06:02:35.84	38° 29.40'	112° 53.77'	1.6	1.1	28	90	1	0.13
240609	06:04:29.42	38° 29.56'	112° 54.05'	3.0	1.0	20	94	2	0.07
240609	06:05:52.50	38° 29.60'	112° 54.11'	3.0	0.8	22	94	1	0.06
240609	06:12:16.42	37° 49.68'	113° 02.84'	13.4	1.5	6	180	26	0.14
240609	06:14:56.85	38° 29.62'	112° 53.70'	3.0	0.2	19	72	1	0.07
240609	06:24:50.29	37° 49.31'	113° 06.85'	-2.9*	1.7W	15	98	13	0.23

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240609	06:28:16.30	38° 29.50'	112° 54.13'	3.0	0.5	19	96	1	0.06
240609	06:35:54.40	37° 49.34'	113° 07.03'	5.9*	2.3W	30	61	13	0.22
240609	06:37:29.57	38° 29.62'	112° 54.07'	3.0	1.0	22	93	1	0.06
240609	06:43:14.21	38° 29.90'	112° 54.10'	3.4	0.7	18	104	1	0.07
240609	06:44:24.14	38° 29.77'	112° 54.06'	2.3	0.3	21	84	1	0.06
240609	06:46:51.11	37° 49.34'	113° 06.70'	6.5	2.5W	37	65	13	0.20
240609	06:51:00.76	37° 49.68'	113° 05.52'	3.6*	2.0	9	164	26	0.30
240609	06:52:18.13	37° 49.45'	113° 07.06'	6.2*	2.9W	30	65	13	0.21
240609	06:55:34.54	37° 49.60'	113° 05.30'	11.3	1.8	7	156	13	0.09
240609	07:02:24.25	37° 48.61'	113° 06.49'	-1.0*	1.5	11	147	24	0.18
240609	07:15:30.86	38° 30.28'	112° 53.83'	2.9	1.1	23	107	1	0.09
240609	07:31:53.78	37° 49.52'	113° 05.69'	6.1*	1.5W	11	140	13	0.20
240609	07:49:56.72	38° 29.30'	112° 53.83'	2.7	0.5	17	97	1	0.05
240609	07:50:43.47	37° 49.15'	113° 07.13'	7.3	2.4W	33	65	13	0.22
240609	07:52:17.95	38° 29.48'	112° 53.94'	2.5	1.1	19	98	1	0.06
240609	07:54:58.36	38° 29.50'	112° 53.80'	2.6	0.5	24	85	1	0.08
240609	08:03:36.06	37° 49.07'	113° 06.33'	5.2*	1.2	7	146	12	0.29
240609	08:07:24.11	41° 34.42'	112° 24.62'	7.3	0.6	11	121	14	0.09
240609	08:56:39.89	37° 49.92'	113° 05.41'	10.1	1.4W	14	151	13	0.21
240609	09:16:25.00	38° 29.28'	112° 53.89'	2.5	1.1	22	98	1	0.07
240609	09:29:27.62	38° 29.33'	112° 53.74'	2.8	0.2	18	95	1	0.07
240609	09:51:19.98	38° 29.56'	112° 53.71'	2.6	1.1	20	74	1	0.08
240609	10:04:34.87	38° 29.54'	112° 53.80'	2.6	0.8W	23	49	1	0.12
240609	11:05:40.24	37° 49.36'	113° 06.14'	9.0	1.4W	18	138	12	0.24
240609	11:06:31.95	37° 48.71'	113° 06.43'	7.1	1.6	15	144	11	0.22
240609	11:10:32.66	38° 29.27'	112° 53.83'	2.7	0.5	18	98	1	0.06
240609	11:16:54.82	38° 29.13'	112° 53.78'	2.0	1.1	28	58	0	0.14
240609	11:25:55.57	41° 51.55'	112° 23.61'	5.6	0.6	11	88	10	0.15
240609	11:28:12.34	37° 49.04'	113° 07.40'	7.5	1.5W	12	135	12	0.15
240609	11:31:30.54	38° 29.32'	112° 53.81'	2.5	0.7	24	61	1	0.09
240609	11:41:29.75	38° 29.33'	112° 53.67'	2.6	1.0	17	95	1	0.08
240609	11:47:21.97	38° 29.69'	112° 54.04'	3.1	0.4	14	101	1	0.07
240609	11:52:34.44	37° 49.71'	113° 05.10'	6.8	1.2W	11	157	13	0.28
240609	12:21:18.95	37° 50.12'	113° 05.75'	7.1	1.5	13	152	14	0.19
240609	12:38:22.39	41° 34.37'	112° 26.09'	7.5	1.3W	26	82	1	0.16
240609	12:38:43.16	38° 30.06'	112° 54.10'	2.9	0.7	21	129	1	0.06
240609	12:42:45.03	38° 29.29'	112° 53.99'	2.6	1.2	21	98	1	0.06
240609	13:28:11.18	38° 30.03'	112° 53.93'	2.7	0.5	26	71	1	0.12
240609	13:31:10.51	38° 29.07'	112° 54.00'	2.6	0.8	24	103	1	0.10
240609	13:31:24.02	38° 29.24'	112° 53.91'	2.5	0.5	22	99	1	0.10
240609	14:49:22.61	38° 29.41'	112° 53.99'	2.0	1.1W	37	54	1	0.12
240609	14:53:56.20	38° 29.52'	112° 53.87'	2.7	0.5	22	89	1	0.07
240609	15:11:15.27	38° 29.56'	112° 53.89'	2.6	0.4	22	88	1	0.07
240609	15:24:11.02	38° 29.59'	112° 53.78'	3.0	0.7	19	78	1	0.06
240609	15:30:05.22	38° 29.69'	112° 53.93'	2.0	1.0	23	71	1	0.10

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240609	15:51:17.16	38° 29.40'	112° 54.18'	3.0	0.9	22	98	1	0.06
240609	15:55:34.78	38° 29.60'	112° 53.84'	2.8	0.4	19	82	1	0.07
240609	16:28:33.81	38° 29.49'	112° 53.88'	2.6	0.9	21	91	1	0.10
240609	16:39:53.43	37° 49.12'	113° 06.88'	1.8*	1.6W	13	91	25	0.21
240609	17:02:34.21	38° 29.40'	112° 54.12'	3.0	1.4	22	98	1	0.07
240609	17:13:38.29	38° 29.85'	112° 54.14'	3.1	0.7	20	85	1	0.06
240609	17:36:48.43	38° 29.43'	112° 54.08'	2.9	1.1W	25	97	1	0.09
240609	17:38:30.89	38° 29.65'	112° 53.80'	2.6	1.0	16	99	1	0.06
240609	17:49:30.14	38° 29.51'	112° 53.58'	2.7	1.4	19	70	1	0.09
240609	18:14:33.51	38° 29.47'	112° 53.83'	2.6	1.1	21	89	1	0.07
240609	18:23:35.03	38° 29.57'	112° 54.26'	2.4	1.2	21	96	1	0.07
240609	19:09:06.20	38° 29.52'	112° 54.01'	3.3	0.8	21	94	1	0.06
240609	20:05:08.55	38° 29.46'	112° 53.96'	3.0	0.2	12	99	1	0.04
240609	20:34:40.49	38° 29.44'	112° 54.07'	2.0	1.0	27	57	1	0.11
240609	20:42:24.34	38° 29.39'	112° 53.97'	3.3	1.2	16	97	1	0.05
240609	22:57:34.44	38° 29.52'	112° 54.03'	2.4	0.8	13	99	1	0.05
240609	23:17:21.27	38° 29.39'	112° 53.47'	1.9	1.4	32	41	1	0.11
240609	23:30:10.00	38° 29.50'	112° 53.98'	3.2	1.3	15	99	1	0.06
240609	23:32:37.32	38° 29.78'	112° 54.23'	2.5	1.4	22	92	2	0.06
240610	01:17:06.46	38° 29.53'	112° 54.14'	2.9	0.4	14	96	1	0.05
240610	01:17:39.25	38° 29.45'	112° 53.93'	3.2	0.4	16	95	1	0.07
240610	01:35:56.59	38° 29.76'	112° 54.28'	2.8	0.3	17	93	2	0.06
240610	01:52:46.39	38° 29.37'	112° 53.46'	2.6	1.5	18	90	1	0.09
240610	02:01:30.47	38° 29.38'	112° 53.92'	2.3	1.0	18	96	1	0.06
240610	02:54:01.14	38° 29.80'	112° 53.82'	1.7	1.7W	42	43	1	0.19
240610	05:05:31.82	37° 49.96'	113° 05.99'	10.1	1.3W	12	148	13	0.14
240610	05:38:01.92	38° 29.60'	112° 54.22'	2.7	0.3	16	95	1	0.05
240610	05:39:10.16	38° 29.38'	112° 54.03'	2.7	-0.1	14	98	1	0.06
240610	05:59:55.14	37° 48.13'	113° 07.69'	5.7	2.0W	23	63	11	0.14
240610	06:13:01.23	38° 29.53'	112° 53.60'	3.0	0.7	21	70	1	0.09
240610	06:20:36.71	38° 29.13'	112° 53.64'	2.5	0.7	25	98	0	0.10
240610	07:07:17.89	38° 29.32'	112° 54.14'	1.5	1.3W	36	57	1	0.14
240610	07:24:38.52	38° 29.47'	112° 53.99'	2.9	0.6	24	95	1	0.09
240610	07:26:39.22	38° 29.35'	112° 54.24'	2.5	0.1	18	100	1	0.06
240610	07:27:01.85	38° 29.37'	112° 54.15'	2.3	0.8	12	99	1	0.05
240610	07:40:14.17	38° 29.65'	112° 54.17'	2.3	0.6	25	94	1	0.08
240610	07:55:02.83	38° 29.33'	112° 53.96'	3.4	0.4	19	97	1	0.07
240610	08:10:41.09	38° 29.53'	112° 53.62'	4.1	1.2	19	96	1	0.17
240610	08:11:32.98	38° 29.21'	112° 54.08'	3.0	0.9	27	61	1	0.09
240610	08:16:03.46	38° 29.35'	112° 53.67'	2.3	0.6	15	95	1	0.05
240610	09:21:10.65	38° 29.31'	112° 54.11'	3.0	1.0	23	60	1	0.10
240610	09:33:21.57	38° 29.52'	112° 53.92'	3.0	0.9	15	92	1	0.09
240610	10:31:59.59	38° 29.49'	112° 53.87'	2.4	1.2	15	91	1	0.09
240610	10:56:01.96	38° 29.44'	112° 53.78'	2.9	1.3	14	87	1	0.05

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240610	11:12:32.16	38° 29.53'	112° 53.61'	3.0	0.2	15	96	1	0.05
240610	11:20:48.91	38° 29.37'	112° 53.49'	2.5	0.5	13	92	0	0.06
240610	11:37:26.01	38° 30.07'	112° 53.76'	3.0	0.9	20	93	1	0.08
240610	11:42:41.83	38° 30.16'	112° 53.66'	3.2	0.3	19	99	1	0.09
240610	11:46:21.75	38° 30.12'	112° 53.80'	2.5	0.8	22	56	1	0.10
240610	12:13:34.40	38° 29.48'	112° 53.82'	4.1	0.8	17	88	1	0.08
240610	12:43:31.31	38° 29.47'	112° 53.99'	2.7	1.0	21	96	1	0.09
240610	12:59:11.06	38° 29.07'	112° 53.87'	3.5	0.6	24	60	1	0.11
240610	13:07:37.10	38° 29.81'	112° 54.24'	2.8	1.0	15	91	2	0.06
240610	13:26:48.90	38° 30.18'	112° 53.99'	3.2	1.1	17	107	1	0.06
240610	14:23:30.18	38° 29.61'	112° 54.11'	2.7	1.2	25	94	1	0.09
240610	14:32:30.62	38° 29.25'	112° 54.03'	3.0	0.0	13	104	1	0.06
240610	14:46:04.44	38° 29.45'	112° 54.09'	2.4	0.9	27	57	1	0.13
240610	15:47:34.36	38° 09.82'	112° 34.79'	3.6*	1.0	10	150	37	0.21
240610	16:05:46.56	38° 29.78'	112° 54.28'	2.9	0.9	20	93	2	0.06
240610	16:07:55.94	38° 29.83'	112° 54.24'	2.7	1.0	18	90	2	0.09
240610	17:27:14.29	38° 29.47'	112° 54.05'	2.8	0.3	13	98	1	0.06
240610	18:01:06.58	41° 34.80'	112° 24.71'	9.2	1.4W	17	79	2	0.17
240610	18:14:58.53	38° 53.56'	111° 25.84'	17.5	0.6W	8	154	13	0.07
240610	18:25:12.51	38° 29.82'	112° 54.27'	2.6	0.7	13	145	2	0.05
240610	18:32:51.55	38° 29.36'	112° 53.95'	3.0	1.1	29	57	1	0.14
240610	18:33:51.43	38° 29.66'	112° 53.91'	2.2	0.7	26	52	1	0.12
240610	18:42:43.62	38° 29.36'	112° 53.65'	2.8	0.3	13	95	1	0.05
240610	18:43:55.97	38° 29.22'	112° 54.14'	2.5	1.4	31	61	1	0.14
240610	18:51:02.69	38° 29.24'	112° 53.45'	2.5	0.2	21	78	0	0.10
240610	18:51:06.61	38° 29.73'	112° 54.15'	3.0	1.0	19	91	2	0.09
240610	18:56:45.41	38° 29.46'	112° 54.19'	3.2	0.4	13	99	1	0.05
240610	19:07:39.25	38° 29.80'	112° 54.33'	2.7	0.2	15	93	2	0.05
240610	19:13:47.57	38° 29.46'	112° 54.40'	1.5	1.7W	25	58	1	0.15
240610	19:14:04.28	38° 29.38'	112° 54.20'	2.3	1.7W	19	98	1	0.12
240610	19:25:15.58	38° 29.66'	112° 54.22'	2.9	0.7	23	55	1	0.10
240610	20:00:27.91	38° 29.80'	112° 54.39'	2.9	0.2	16	93	1	0.05
240610	20:06:43.16	38° 29.76'	112° 53.74'	2.4	1.2	21	78	1	0.11
240610	20:07:45.63	38° 29.82'	112° 54.19'	3.1	0.3	15	88	2	0.05
240610	20:19:43.56	38° 29.43'	112° 53.59'	2.9	1.4	21	68	1	0.08
240610	20:26:44.16	38° 29.69'	112° 54.31'	3.1	1.0	20	94	2	0.06
240610	20:33:57.65	38° 29.44'	112° 54.14'	2.3	1.0	26	58	1	0.14
240610	20:36:20.97	38° 29.84'	112° 53.92'	2.8	0.2	12	230	1	0.05
240610	20:39:45.96	38° 29.41'	112° 53.68'	3.0	0.1	14	80	1	0.05
240610	20:42:10.29	38° 29.60'	112° 53.85'	2.3	0.9	27	55	1	0.11
240610	20:47:01.95	38° 29.45'	112° 53.80'	3.2	1.3	20	88	1	0.09
240610	20:57:24.36	38° 29.96'	112° 54.42'	2.9	2.0W	36	50	1	0.14
240610	21:23:24.36	38° 29.78'	112° 54.21'	2.9	1.6	22	69	2	0.09
240610	21:49:23.60	38° 29.78'	112° 54.29'	3.0	0.7	15	93	2	0.06

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240610	22:38:29.77	38° 29.32'	112° 53.76'	2.8	0.9	15	96	1	0.04
240610	22:46:01.13	38° 29.34'	112° 53.48'	2.6	0.0	18	90	0	0.09
240610	22:46:05.03	38° 29.68'	112° 53.35'	2.1	0.2	16	93	1	0.07
240610	23:59:15.36	38° 18.26'	110° 35.88'	6.0*	1.8	12	122	43	0.09
240611	00:08:03.96	38° 29.60'	112° 54.36'	3.1	1.1	16	96	2	0.04
240611	00:24:03.81	38° 29.32'	112° 54.09'	3.1	0.0	18	99	1	0.06
240611	00:28:05.83	38° 29.48'	112° 54.19'	2.9	1.0	24	97	1	0.10
240611	00:53:18.23	38° 29.54'	112° 53.52'	2.5	1.1	18	71	1	0.06
240611	01:10:07.44	38° 29.47'	112° 53.68'	2.9	0.1	21	76	1	0.08
240611	01:37:41.83	38° 29.10'	112° 54.06'	2.8	0.3	17	103	1	0.06
240611	02:37:48.19	38° 29.33'	112° 54.13'	2.7	-0.2	18	99	1	0.06
240611	03:00:47.28	38° 29.57'	112° 53.86'	3.6	0.8	22	85	1	0.08
240611	03:11:08.93	38° 29.51'	112° 53.57'	2.8	0.9	21	71	1	0.09
240611	03:24:53.07	38° 29.50'	112° 54.16'	2.7	0.9	16	99	1	0.06
240611	03:41:34.06	38° 29.44'	112° 53.69'	3.1	0.9	20	80	1	0.05
240611	03:42:52.88	38° 29.43'	112° 53.59'	3.3	1.1	13	96	1	0.06
240611	03:51:45.07	38° 29.84'	112° 54.17'	3.0	0.7	16	104	1	0.07
240611	04:28:57.07	38° 29.31'	112° 53.49'	3.2	0.2	21	75	0	0.09
240611	04:37:06.28	38° 29.53'	112° 53.49'	3.0	0.9	21	71	1	0.09
240611	04:58:59.14	38° 30.23'	112° 53.29'	2.2	0.2	16	82	0	0.10
240611	05:15:35.30	38° 29.38'	112° 54.10'	3.1	0.8	20	98	1	0.07
240611	06:06:44.53	38° 29.16'	112° 53.58'	3.3	1.1	24	97	0	0.15
240611	06:15:24.12	38° 29.34'	112° 54.02'	3.0	0.9	21	98	1	0.09
240611	06:36:28.82	38° 29.70'	112° 53.46'	3.0	0.9	30	57	1	0.17
240611	06:44:26.18	38° 29.34'	112° 53.56'	2.1	0.8	30	41	0	0.16
240611	07:03:01.25	38° 30.13'	112° 53.70'	3.1	0.4	17	97	1	0.07
240611	07:04:57.85	38° 29.49'	112° 53.95'	3.5	0.2	16	148	1	0.07
240611	07:11:56.82	38° 29.35'	112° 53.56'	2.5	1.1	21	72	0	0.11
240611	07:36:48.80	38° 29.31'	112° 53.95'	2.7	0.8	25	97	1	0.10
240611	08:05:03.89	38° 29.06'	112° 53.95'	3.2	1.2	21	62	1	0.07
240611	08:25:19.61	38° 29.03'	112° 54.05'	2.8	0.2	18	105	1	0.08
240611	09:34:19.58	38° 29.33'	112° 53.57'	2.5	1.1	22	71	0	0.10
240611	09:42:05.50	41° 15.10'	111° 41.91'	10.3	1.2	25	89	16	0.17
240611	09:55:05.03	38° 29.50'	112° 54.02'	3.3	0.0	20	95	1	0.07
240611	10:00:51.65	38° 29.06'	112° 53.79'	3.4	-0.1	23	102	0	0.13
240611	10:07:12.79	38° 29.57'	112° 53.62'	3.4	-0.2	20	65	1	0.10
240611	10:24:11.59	38° 29.56'	112° 54.01'	3.3	-0.3	18	65	2	0.07
240611	10:30:27.37	38° 29.47'	112° 54.05'	3.3	1.0	21	96	1	0.07
240611	12:05:21.47	38° 29.46'	112° 53.78'	2.8	0.6	19	86	1	0.06
240611	12:32:50.47	41° 38.94'	112° 19.59'	7.2	1.8W	34	53	9	0.17
240611	12:51:31.08	41° 41.36'	111° 44.23'	13.2	1.6W	23	68	13	0.09
240611	13:08:07.19	38° 29.41'	112° 53.95'	3.1	0.5	18	96	1	0.07
240611	13:15:25.28	38° 29.36'	112° 54.00'	3.0	0.3	18	97	1	0.06
240611	14:08:17.84	38° 29.47'	112° 53.21'	2.4	1.1	21	77	1	0.09

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240611	14:09:14.05	38° 29.42'	112° 54.00'	3.1	0.1	18	96	1	0.07
240611	14:44:01.37	42° 27.84'	111° 36.31'	11.0*	1.4	10	265	41	0.17
240611	15:04:17.64	38° 29.22'	112° 53.65'	2.4	-0.1	11	150	0	0.05
240611	15:04:49.10	38° 29.35'	112° 54.09'	3.5	0.8	20	99	1	0.07
240611	15:14:00.68	38° 29.39'	112° 53.71'	2.6	0.3	20	85	1	0.07
240611	15:36:05.70	41° 35.61'	112° 25.40'	7.6	1.4W	17	75	3	0.19
240611	16:21:28.42	38° 28.98'	112° 53.74'	3.0	1.3	24	102	0	0.15
240611	16:26:34.97	38° 29.14'	112° 53.71'	3.1	0.4	22	99	0	0.13
240611	16:39:25.63	38° 29.17'	112° 53.56'	2.1	1.0	24	81	0	0.12
240611	17:36:47.79	38° 29.41'	112° 53.79'	2.2	1.1	15	145	1	0.09
240611	17:49:18.62	38° 29.37'	112° 53.52'	2.3	0.2	19	113	1	0.09
240611	18:18:11.19	38° 29.47'	112° 53.53'	2.2	1.2	21	85	1	0.13
240611	18:22:17.68	38° 29.54'	112° 53.76'	3.5	1.2	19	132	1	0.09
240611	18:34:45.14	37° 50.42'	113° 05.24'	2.7*	1.3W	15	156	14	0.30
240611	21:47:00.13	38° 29.10'	112° 53.64'	2.9	0.9	16	152	0	0.06
240611	23:20:12.27	38° 29.69'	112° 54.14'	2.7	1.1W	21	138	1	0.14
240611	23:37:12.12	38° 29.91'	112° 53.12'	1.7	1.0	20	82	0	0.13
240612	00:00:18.02	38° 29.62'	112° 53.41'	3.0	0.4	19	90	1	0.09
240612	00:29:36.81	38° 29.38'	112° 53.60'	3.0	--	19	125	1	0.09
240612	00:29:39.30	38° 29.13'	112° 53.87'	2.2	1.5W	27	142	1	0.16
240612	00:58:51.47	38° 29.24'	112° 53.74'	3.0	0.8W	20	144	0	0.10
240612	01:11:00.56	38° 29.22'	112° 53.49'	2.8	1.0	20	102	0	0.10
240612	01:19:53.07	38° 29.35'	112° 54.05'	3.1	0.0	18	152	1	0.08
240612	02:38:21.19	38° 29.13'	112° 53.61'	2.3	1.2	19	151	0	0.11
240612	03:21:48.53	42° 03.11'	111° 46.70'	5.6	0.7	13	105	7	0.11
240612	05:06:29.08	41° 58.71'	111° 41.67'	2.6*	1.7W	21	118	17	0.15
240612	05:11:44.49	41° 39.25'	112° 19.33'	5.3	0.8	19	53	9	0.14
240612	05:18:07.50	40° 45.47'	112° 02.12'	5.7	1.0W	29	72	2	0.15
240612	05:27:11.92	38° 29.53'	112° 53.43'	2.6	0.8	21	91	1	0.10
240612	07:28:23.08	41° 38.75'	112° 19.73'	8.0	1.9W	39	53	9	0.18
240612	08:40:21.70	38° 29.59'	112° 53.74'	3.3	0.9	23	85	1	0.10
240612	08:56:13.43	38° 29.68'	112° 53.68'	3.6	-0.2	16	120	1	0.07
240612	09:04:23.11	41° 39.04'	112° 20.17'	3.7	0.7	10	98	10	0.12
240612	09:38:51.11	41° 36.32'	111° 41.59'	16.8	2.2W	32	63	8	0.15
240612	10:02:03.77	38° 29.13'	112° 53.59'	2.9	0.5	18	145	0	0.08
240612	10:06:53.37	40° 45.12'	112° 03.69'	3.9	0.2	9	114	4	0.09
240612	10:30:10.74	38° 29.71'	112° 53.94'	3.6	-0.1	16	135	1	0.07
240612	11:55:54.31	38° 29.55'	112° 53.95'	3.6	0.7	17	145	1	0.06
240612	13:21:18.88	39° 04.44'	111° 54.48'	13.6	2.2W	36	52	22	0.17
240612	14:56:47.38	40° 45.13'	112° 02.00'	6.8	1.1	15	109	3	0.08
240612	15:09:16.06	38° 29.43'	112° 53.92'	3.2	0.3	16	149	1	0.06
240612	21:30:35.01	41° 35.27'	112° 24.37'	6.1	1.1W	17	65	3	0.14
240612	22:25:36.61	38° 29.30'	112° 53.74'	3.2	1.3W	23	137	1	0.10
240613	12:19:16.15	38° 29.70'	112° 53.79'	3.3	0.7	22	117	1	0.08

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240613	21:22:58.34	38° 29.48'	112° 54.37'	1.6	0.5	12	154	1	0.11
240613	23:02:20.38	38° 30.11'	112° 53.76'	2.1	1.0	19	104	1	0.10
240614	01:34:53.06	42° 07.52'	111° 31.86'	12.3	1.1	10	213	21	0.10
240614	06:02:49.62	38° 29.63'	112° 53.45'	3.0	0.4	20	93	1	0.13
240614	07:16:08.14	38° 29.14'	112° 54.00'	2.8	0.6	24	143	1	0.13
240614	07:55:19.32	41° 51.70'	112° 20.75'	5.2	0.6	6	120	8	0.03
240614	08:06:54.17	38° 29.48'	112° 53.95'	2.9	0.6	23	141	1	0.10
240614	12:37:16.47	38° 29.46'	112° 54.01'	2.5	0.8	17	98	1	0.09
240614	12:37:24.10	38° 57.30'	111° 23.14'	-1.5	1.7	8	129	5	0.07
240614	12:40:18.12	38° 29.14'	112° 53.77'	3.0	0.7	15	147	0	0.09
240614	14:40:12.88	41° 52.13'	112° 21.15'	5.8	1.1	15	123	7	0.15
240614	17:12:20.88	37° 05.71'	112° 51.24'	18.5	1.5W	9	165	9	0.12
240614	20:23:34.99	38° 28.96'	112° 53.69'	3.1	1.0	15	156	0	0.05
240614	21:34:18.39	38° 29.03'	112° 53.71'	2.7	1.5	18	155	0	0.08
240614	22:34:01.77	38° 29.47'	112° 53.73'	2.8	1.2	20	126	1	0.09
240614	23:00:53.60	38° 29.48'	112° 53.99'	3.3	0.5	17	148	1	0.05
240615	06:05:23.63	40° 27.54'	111° 56.47'	8.5	2.3W	57	53	1	0.20
240615	17:07:51.77	38° 29.37'	112° 53.60'	2.8	0.2	12	146	1	0.07
240615	19:22:42.08	38° 29.94'	112° 53.98'	3.1	0.6	14	128	1	0.06
240615	19:42:21.09	38° 29.90'	112° 54.07'	3.1	-0.1	13	133	1	0.06
240615	19:43:43.73	38° 29.03'	112° 53.81'	2.9	1.4	16	156	0	0.06
240615	21:19:42.53	41° 47.23'	112° 48.92'	5.2	2.2W	23	200	3	0.11
240615	21:51:33.17	38° 29.99'	112° 53.50'	1.8	0.8	20	95	0	0.14
240615	21:56:41.10	38° 29.79'	112° 53.69'	3.3	0.7	18	109	1	0.09
240616	02:02:42.92	37° 33.20'	113° 03.36'	9.3	1.4W	16	61	5	0.10
240616	02:13:36.40	38° 29.51'	112° 53.69'	2.0	0.0	8	252	1	0.04
240616	02:13:38.04	37° 33.53'	113° 03.78'	9.9	1.1	8	221	5	0.04
240616	02:57:55.74	37° 33.26'	113° 03.24'	10.5	1.6W	24	61	5	0.11
240616	03:09:34.67	38° 29.57'	112° 54.08'	3.0	0.0	15	148	1	0.07
240616	03:18:20.53	37° 33.96'	113° 03.60'	13.2	2.3W	33	58	4	0.15
240616	03:38:12.25	37° 33.40'	113° 03.09'	10.6	1.4W	21	75	5	0.10
240616	04:06:49.18	37° 33.89'	113° 03.70'	13.1	2.4W	25	58	4	0.16
240616	04:10:35.78	37° 33.70'	113° 03.20'	11.7	1.3W	12	192	5	0.12
240616	04:17:50.50	37° 33.52'	113° 03.42'	11.4	2.0W	23	60	5	0.10
240616	04:31:06.60	41° 33.47'	112° 24.76'	5.2	0.9	10	114	3	0.08
240616	05:11:51.00	37° 33.58'	113° 03.49'	11.8	2.1W	26	60	5	0.14
240616	05:49:56.16	37° 33.82'	113° 03.56'	12.6	3.1W	34	58	4	0.23
240616	05:56:58.93	37° 33.38'	113° 03.22'	10.4	1.8W	24	61	5	0.11
240616	05:58:10.84	37° 33.65'	113° 03.04'	10.7	1.6W	22	60	5	0.08
240616	06:18:44.58	37° 33.86'	113° 03.33'	12.2	2.2W	29	58	4	0.15
240616	06:36:41.38	37° 33.77'	113° 03.34'	11.9	2.1W	27	59	5	0.11
240616	06:46:58.98	37° 33.33'	113° 03.28'	10.5	1.6W	21	62	5	0.09
240616	07:43:32.97	40° 58.18'	111° 42.09'	0.6	1.4W	36	41	9	0.20
240616	09:15:02.51	37° 33.49'	113° 03.29'	10.9	1.9W	27	61	5	0.11

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240616	10:17:21.32	37° 33.32'	113° 03.25'	10.8	1.1W	15	156	5	0.08
240616	10:17:44.21	37° 33.36'	113° 03.85'	10.9	1.3W	16	155	5	0.10
240616	10:18:08.92	37° 33.34'	113° 03.89'	11.1	1.3W	16	155	5	0.08
240616	11:05:14.09	37° 33.42'	113° 02.66'	10.0	1.2W	12	166	6	0.08
240616	14:29:29.97	38° 29.40'	112° 53.88'	3.6	0.8	14	142	1	0.06
240616	16:59:21.21	41° 34.64'	112° 25.88'	6.8	0.8	14	71	1	0.09
240616	17:48:57.95	38° 29.78'	112° 53.75'	3.5	0.7	18	113	1	0.08
240617	00:43:58.83	38° 29.62'	112° 53.96'	3.5	0.9	15	141	1	0.06
240617	03:33:12.18	40° 44.29'	112° 02.97'	5.4	0.8	21	104	2	0.13
240617	03:58:40.88	38° 29.77'	112° 54.15'	2.9	0.4	14	143	2	0.06
240617	05:06:03.11	36° 48.82'	112° 56.01'	16.9	1.7	10	168	25	0.06
240617	05:11:38.89	41° 35.65'	112° 24.43'	8.0	0.5	9	118	13	0.12
240617	23:52:07.80	38° 29.58'	112° 54.20'	2.6	0.2	14	149	1	0.13
240618	00:48:59.16	38° 29.89'	112° 53.81'	3.4	1.2	19	112	1	0.10
240618	02:39:54.60	38° 29.55'	112° 53.41'	2.7	1.2	22	86	1	0.09
240618	02:58:21.88	40° 44.15'	112° 02.70'	6.2	1.1	13	90	1	0.07
240618	03:39:59.71	41° 29.04'	112° 48.95'	0.8*	1.0	19	168	27	0.10
240618	06:57:38.49	41° 33.76'	112° 25.23'	3.9	1.3W	19	85	2	0.19
240618	07:59:25.92	40° 57.35'	111° 38.02'	8.5	1.0	10	129	10	0.09
240618	09:24:44.18	41° 33.69'	112° 24.45'	5.1	1.3W	20	82	3	0.15
240618	11:12:00.36	40° 44.28'	112° 02.89'	5.6	1.2	16	52	2	0.14
240618	14:04:58.06	41° 33.84'	112° 25.00'	4.2	1.1	14	113	2	0.16
240618	23:36:20.81	41° 35.48'	112° 24.42'	5.5	1.3W	18	50	3	0.10
240619	01:12:12.07	41° 34.05'	112° 24.76'	10.1	0.8W	19	103	3	0.13
240619	01:18:18.63	39° 41.89'	110° 49.24'	-3.3	1.3	9	101	8	0.10
240619	03:35:54.40	38° 30.02'	112° 54.02'	3.3	-0.3	12	127	1	0.06
240619	08:17:10.66	38° 29.95'	112° 54.12'	3.2	0.1	17	134	1	0.05
240619	16:56:30.95	36° 57.74'	112° 51.39'	13.7	1.8W	19	141	7	0.18
240619	18:50:02.68	38° 02.93'	112° 36.57'	1.8*	1.6W	20	116	35	0.21
240620	00:08:06.29	38° 29.77'	112° 54.08'	3.3	0.4	18	102	1	0.07
240620	00:08:18.97	38° 29.72'	112° 53.94'	3.3	1.0	21	78	1	0.08
240620	00:21:59.18	38° 29.69'	112° 54.15'	3.3	0.6	26	78	1	0.06
240620	00:22:43.16	38° 29.73'	112° 53.95'	3.7	0.9	21	78	1	0.06
240620	00:27:43.03	38° 29.67'	112° 54.10'	3.4	0.4	18	102	1	0.06
240620	00:34:34.83	38° 29.03'	112° 54.07'	2.8	0.0	17	95	1	0.06
240620	00:44:01.20	38° 28.97'	112° 54.00'	3.0	0.6	20	93	1	0.06
240620	01:20:58.78	38° 29.64'	112° 53.88'	3.8	0.4	21	100	1	0.07
240620	01:27:07.81	38° 28.98'	112° 54.17'	2.8	0.1	22	94	1	0.07
240620	01:29:49.93	38° 29.02'	112° 54.04'	2.9	0.3	18	94	1	0.06
240620	01:34:31.45	38° 29.44'	112° 53.94'	3.2	0.8	29	80	1	0.12
240620	03:17:39.88	37° 33.53'	113° 03.38'	10.7	1.5W	22	66	5	0.15
240620	05:01:09.13	37° 46.40'	113° 16.01'	5.5*	1.2W	15	95	15	0.18
240620	05:03:43.86	37° 46.91'	113° 15.91'	-0.3*	1.5W	14	109	15	0.16
240620	08:08:06.58	38° 29.78'	112° 53.97'	3.3	0.4	20	77	1	0.09
240620	13:04:24.73	38° 29.80'	112° 53.67'	2.4	0.3	24	64	1	0.11

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240621	03:57:32.15	38° 30.07'	112° 54.36'	3.2	1.0	18	161	2	0.07
240621	04:03:06.54	38° 29.63'	112° 53.93'	3.2	0.4	23	85	1	0.09
240621	05:30:47.68	38° 29.84'	112° 54.19'	3.1	1.9W	34	47	2	0.11
240621	08:48:04.37	37° 27.33'	113° 42.61'	0.2*	0.9W	13	118	13	0.11
240621	10:05:02.02	38° 10.28'	112° 35.20'	5.6*	1.7W	26	64	37	0.22
240621	13:42:21.76	38° 29.05'	112° 53.81'	3.1	-0.2	18	147	0	0.07
240621	15:45:53.18	38° 29.90'	112° 53.88'	3.4	0.2	19	73	1	0.07
240621	19:41:56.80	37° 25.02'	113° 12.52'	9.3	2.3W	24	63	10	0.14
240622	00:51:02.92	38° 28.59'	112° 25.70'	4.8*	1.6W	25	77	15	0.17
240622	09:33:35.06	41° 36.09'	112° 24.67'	8.5	1.7W	33	58	4	0.15
240622	14:41:04.02	38° 35.44'	112° 15.18'	-3.0*	0.9	8	124	11	0.11
240622	15:41:11.30	41° 35.99'	112° 24.18'	6.7	3.2W	46	49	4	0.14
240622	18:09:27.37	37° 09.19'	113° 47.96'	14.6	1.6W	16	162	11	0.25
240622	18:54:35.92	41° 35.52'	112° 24.93'	8.9	0.9W	17	62	3	0.17
240623	08:05:05.70	38° 33.85'	112° 45.91'	3.8	0.8W	15	164	8	0.05
240623	09:35:26.25	41° 34.38'	112° 24.17'	6.3	0.6	17	87	3	0.15
240623	10:14:43.83	38° 29.73'	112° 54.12'	3.2	-0.3	17	102	1	0.07
240623	12:01:10.00	41° 35.51'	112° 23.97'	7.3	1.1W	20	50	4	0.17
240623	12:29:36.22	41° 34.28'	112° 25.08'	7.1	1.9W	27	67	2	0.17
240623	13:59:32.55	38° 29.34'	112° 53.68'	2.6	0.9	21	88	1	0.09
240623	15:40:14.15	37° 50.54'	113° 05.55'	7.7	1.4W	14	150	14	0.20
240623	18:02:23.04	37° 50.42'	113° 05.34'	12.6	1.2W	9	160	19	0.21
240623	18:47:40.41	37° 44.50'	113° 58.66'	7.2*	1.5W	13	117	33	0.11
240623	21:51:40.32	37° 48.59'	113° 08.31'	9.3	1.3W	9	128	12	0.18
240624	00:14:44.14	41° 30.93'	112° 11.06'	8.4	1.2W	25	54	10	0.12
240624	05:27:41.58	37° 50.20'	113° 08.09'	12.8	1.2W	10	134	15	0.25
240624	09:04:00.35	37° 50.74'	113° 05.10'	8.6	1.2	11	158	15	0.19
240624	09:14:21.80	41° 26.66'	112° 09.36'	3.4*	1.0	27	51	13	0.15
240624	09:44:18.14	41° 34.10'	112° 25.39'	8.2	0.9W	21	113	2	0.14
240624	10:01:46.34	37° 49.83'	113° 04.91'	4.2*	1.6	9	169	26	0.23
240624	15:09:50.19	37° 33.49'	113° 03.56'	10.7	1.0	10	190	5	0.07
240624	15:10:17.54	37° 33.31'	113° 03.96'	9.0	1.3W	14	189	5	0.13
240624	15:16:58.88	37° 33.01'	113° 04.73'	7.1	1.3W	12	185	5	0.14
240624	17:00:26.88	37° 33.64'	113° 03.75'	10.1	1.3W	9	223	4	0.04
240624	23:08:31.59	42° 25.97'	111° 34.82'	10.3*	2.3W	25	135	39	0.23
240625	03:24:48.74	38° 57.37'	111° 23.08'	-1.4	1.3W	6	191	5	0.02
240625	10:17:29.54	39° 36.91'	112° 00.45'	7.1*	1.8W	28	52	21	0.15
240625	11:31:42.62	41° 41.58'	111° 40.02'	10.3	2.2W	37	61	13	0.16
240625	15:17:05.47	37° 50.59'	113° 05.86'	8.2*	1.5	10	162	27	0.13
240625	15:41:38.37	37° 51.13'	113° 03.85'	3.6*	1.3W	10	174	29	0.25
240625	15:42:36.64	37° 48.88'	113° 02.07'	3.6*	1.8	10	184	25	0.23
240625	15:44:14.30	37° 50.27'	113° 04.27'	3.6*	1.2W	10	172	27	0.30
240625	16:57:33.16	37° 50.72'	113° 06.56'	4.3*	1.6W	17	90	28	0.24
240625	19:07:39.25	37° 50.69'	113° 05.65'	8.7	1.7W	20	81	15	0.19

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240625	19:10:32.30	37° 50.16'	113° 06.31'	7.9	2.3W	31	68	14	0.28
240625	19:17:41.77	37° 50.19'	113° 05.41'	13.7	1.3	8	164	27	0.09
240625	19:20:19.07	37° 50.57'	113° 06.36'	8.3	1.2W	7	147	15	0.28
240625	19:22:47.68	37° 50.54'	113° 05.66'	7.9	1.9W	25	69	14	0.23
240625	19:28:21.59	37° 50.67'	113° 06.56'	5.4*	1.4W	13	146	15	0.27
240625	19:33:42.34	37° 50.67'	113° 05.11'	6.0*	1.9W	13	140	28	0.19
240625	19:38:31.15	41° 47.43'	112° 17.33'	2.0*	0.6	7	118	19	0.12
240625	20:09:23.98	37° 50.76'	113° 05.94'	2.7*	1.1W	7	160	28	0.05
240625	21:21:46.97	37° 49.45'	113° 06.20'	-1.6*	1.3W	13	91	13	0.41
240626	00:17:49.38	37° 50.53'	113° 04.85'	12.7*	1.1W	8	168	27	0.12
240626	00:25:47.28	41° 33.82'	112° 24.94'	6.6	0.9W	16	113	2	0.10
240626	01:02:55.94	37° 50.91'	113° 04.96'	3.6*	1.4	7	167	28	0.29
240626	01:15:58.65	37° 50.94'	113° 07.24'	11.1	1.3W	10	141	16	0.32
240626	03:24:23.49	37° 50.33'	113° 06.37'	7.2	1.0W	9	147	14	0.17
240626	06:01:24.02	37° 49.07'	113° 07.55'	1.8*	1.4	9	153	25	0.24
240626	09:53:03.60	41° 34.07'	112° 24.53'	8.2	0.8	15	100	3	0.10
240626	13:08:29.63	40° 28.43'	111° 59.71'	8.8	0.9	10	132	4	0.18
240626	21:17:38.46	41° 35.69'	112° 25.52'	8.9	1.9W	22	73	3	0.13
240627	11:19:43.77	40° 27.65'	111° 56.47'	7.0	1.1W	34	46	1	0.18
240627	11:19:58.63	40° 27.53'	111° 56.12'	7.3	1.5	25	61	2	0.18
240627	11:25:27.03	37° 52.81'	113° 05.57'	15.4	1.1W	7	154	18	0.25
240627	11:36:26.20	37° 50.47'	113° 04.91'	3.6*	1.4W	10	167	27	0.22
240628	00:07:39.15	41° 26.74'	112° 09.34'	-0.1*	1.6W	36	46	15	0.25
240628	00:30:55.14	38° 36.09'	112° 34.53'	0.0*	1.5W	13	116	11	0.08
240628	01:16:36.44	41° 35.56'	112° 25.53'	9.0	1.2	22	70	2	0.14
240628	10:53:49.47	36° 59.58'	113° 54.61'	13.1	2.3W	22	157	17	0.23
240628	16:15:53.96	41° 26.84'	112° 09.10'	5.0*	1.3W	34	46	15	0.16
240628	18:42:07.05	41° 33.77'	112° 25.02'	8.4	1.5W	23	84	2	0.11
240628	20:37:28.17	37° 49.53'	113° 03.03'	6.0*	1.1W	7	180	26	0.14
240628	21:02:13.09	37° 50.84'	113° 05.15'	8.0	1.9W	19	91	15	0.21
240629	04:31:11.22	39° 50.96'	111° 55.89'	8.3	0.5	10	100	13	0.07
240629	04:31:20.80	39° 49.06'	111° 56.75'	7.8	0.9	10	123	15	0.11
240629	07:58:41.89	41° 35.74'	112° 25.14'	8.4	2.0W	40	64	3	0.14
240629	08:23:44.00	37° 39.15'	112° 15.59'	17.1*	1.8W	21	106	44	0.22
240629	11:38:26.75	39° 53.91'	111° 55.30'	11.2	0.9W	15	93	11	0.28
240630	17:13:42.38	41° 34.81'	112° 26.18'	7.2	0.9	16	80	1	0.17

number of earthquakes = 1,140

* indicates poor depth control

M indicates moment magnitude

W indicates Wood-Anderson data used for magnitude calculation

Table 3
UNIVERSITY OF UTAH REGIONAL/URBAN SEISMIC NETWORK
Operating Seismograph Stations
June 30, 2024

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
2272	Eastwood Elementary School Salt Lake City, UT	HN[ZEN]	3	NP	40° 41.98'	111° 47.62'	1515	EpiSensor	Basalt	Digital	NSMP, ANSS
2285	Liberty Park Salt Lake City, UT	HN[ZEN]	3	NP	40° 44.70'	111° 52.49'	1298	EpiSensor	Basalt	Digital	NSMP, ANSS
2286	Roosevelt Elementary School Salt Lake City, UT	HN[ZEN]	3	NP	40° 42.08'	111° 52.01'	1314	EpiSensor	Basalt	Digital	NSMP, ANSS
7202	Meadowbrook Golf Course Murray, UT	HN[ZEN]	3	NP	40° 40.93'	111° 55.36'	1293	EpiSensor	Basalt	Digital	NSMP, ANSS
7203	Bonneville Golf Course Salt Lake City, UT	HN[ZEN]	3	NP	40° 44.81'	111° 49.63'	1457	EpiSensor	Basalt	Digital	NSMP, ANSS
7212	Annex Bldg., Weber State University, Ogden, UT	HN[ZEN]	3	NP	41° 11.75'	111° 56.50'	1422	EpiSensor	Basalt	Digital	NSMP, ANSS
7223	Dixie State College St. George, UT	HN[ZEN]	3	NP	37° 06.02'	113° 33.94'	815	EpiSensor	Etna	Digital	NSMP, ANSS
7224	Southern Utah University Cedar City, UT	HN[ZEN]	3	NP	37° 40.35'	113° 04.29'	1782	EpiSensor	Basalt	Digital	NSMP, ANSS
7225	City Maintenance Yard Beaver, UT	HN[ZEN]	3	NP	38° 17.01'	112° 38.32'	1808	EpiSensor	Etna	Digital	NSMP, ANSS
7226	UDOT IT Radio Shop Richfield, UT	HN[ZEN]	3	NP	38° 45.43'	112° 05.26'	1616	FBA23	Basalt	Digital	NSMP, ANSS
7227	City Maintenance Yard Gunnison, UT	HN[ZEN]	3	NP	39° 09.35'	111° 49.17'	1568	EpiSensor	Basalt	Digital	NSMP, ANSS
7228	Juab School District Nephi, UT	HN[ZEN]	3	NP	39° 43.27'	111° 49.49'	1576	EpiSensor	Basalt	Digital	NSMP, ANSS
7229	City Maintenance Shop Santaquin, UT	HN[ZEN]	3	NP	39° 58.35'	111° 47.58'	1520	EpiSensor	Etna	Digital	NSMP, ANSS
7232	City Parks & Recreation Office Tremonton, UT	HN[ZEN]	3	NP	41° 43.13'	112° 10.91'	1320	EpiSensor	Etna2	Digital	NSMP, ANSS
AHID	Auburn, ID	BH[ZEN]	3	US	42° 45.92'	111° 06.02'	1960	*	*	Digital	USGS
ALP	Alpine Fire Station, Alpine, UT	EN[ZEN]	3	UU	40° 27.26'	111° 46.61'	1510	EpiSensor	Etna2	Digital	ANSS

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
ALT	Alta City Offices, Alta, UT	EN[ZEN]	3	UU	40° 35.42'	111° 38.25'	2635	EpiSensor	Etna2	Digital	ANSS
AMF	Tri-Cities Golf Course American Fork, UT	EN[ZEN]	3	UU	40° 24.11'	111° 47.27'	1445	EpiSensor	Basalt	Digital	ANSS
ANMO	Albuquerque, NM	BH[ZEN]	3	IU	34° 57.01'	106° 27.61'	1743	*	*	Digital	USGS
ARGU	Argyle Ridge, UT	EHZ	1	UU	39° 49.37'	110° 32.62'	2828	S13	PSN	Analog	Utah
ARUT	Antelope Range, UT	EHZ	1	UU	37° 47.28'	113° 26.42'	1646	L4C	PSN	Analog	Utah
AVE	Avenues, Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.47'	111° 51.83'	1387	EpiSensor	Etna2	Digital	ANSS
B206	Canyon206bwy2008, Yellowstone, WY	EH[ZEN]	3	PB	44° 46.66'	110° 30.70'	2400	IESE-S2	Q330	Digital	PBO
B207	Madisn207bwy2007, Yellowstone, WY	EH[ZEN]	3	PB	44° 37.14'	110° 50.91'	2182	IESE-S2	Q330	Digital	PBO
B208	Lakejn208bwy2008, Yellowstone, WY	EH[ZEN]	3	PB	44° 33.61'	110° 24.09'	2406	IESE-S2	Q330	Digital	PBO
B944	Grantt944bwy2008, Yellowstone, WY	EH[ZEN]	3	PB	44° 23.38'	110° 32.63'	2365	IESE-S2	Q330	Digital	PBO
B945	Pantr944swy2008, Yellowstone, WY	EH[ZEN]	3	PB	44° 53.64'	110° 44.65'	2249	IESE-S2	Q330	Digital	PBO
B950	Norris950bwy2013, Yellowstone, WY	EH[ZEN]	3	PB	44° 42.77'	110° 40.71'	2328	IESE-S2	Q330	Digital	PBO
BCE	Book Cliffs East, UT	EHZ	1	UU	39° 36.79'	110° 24.51'	2666	L4C	Basalt	Digital	Utah
		EN[ZEN]	3					EpiSensor			
BCS	Brigham City Maintenance Shop Brigham City, UT	EN[ZEN]	3	UU	41° 30.71'	112° 01.98'	1303	EpiSensor	Etna2	Digital	ANSS
BCU	Brigham City, UT	EN[ZEN]	3	UU	41° 30.74'	111° 58.93'	1676	EpiSensor	Etna2	Digital	ANSS
BCW	Book Cliffs West, UT	EHZ	1	UU	39° 43.82'	110° 44.55'	2614	L4C	Basalt	Digital	Utah
		EN[ZEN]	3					EpiSensor			
BEID	Bear River, ID	HN[ZEN]	3	UU	42° 07.00'	111° 46.97'	1864	Trillium 120	Centaur	Digital	USGS
		EN[ZEN]	3					Titan			
BES	Bates Elementary School Ogden, UT	EN[ZEN]	3	UU	41° 19.10'	111° 57.26'	1455	EpiSensor	K2	Digital	ANSS
BGMT	Barton Gulch, MT	EHZ	1	MB	45° 14.00'	112° 02.43'	2172	*	*	Analog	MBMT
BGU	Big Grassy Mountain, UT	EN[ZEN]	3	UU	40° 55.53'	113° 01.79'	1640	EpiSensor	Q330	Digital	ANSS
		HH[ZEN]	3					Trillium 120			
BHU	Blowhard Mountain, UT	EN[ZEN]	6	UU	37° 35.63'	112° 51.72'	3250	Titan	Centaur	Digital	Utah, USGS
BHUT	Beaver High School, UT	EN[ZEN]	3	UU	38° 16.61'	112° 38.42'	1799	PA-23	SMART-24	Digital	Utah
BMUT	Black Mountain, UT	EHZ	1	UU	41° 57.49'	111° 14.05'	2243	S13	PSN	Analog	USGS
BOZ	Bozeman, MT	BH[ZEN]	3	US	45° 38.82'	111° 37.78'	1589	*	*	Digital	USGS

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
BRPU	Butcher Ranch, Price, UT	HH[ZEN]	3	UU	39° 28.38'	110° 44.40'	1687	Trillium 240	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			
BSS	Butlerville Substation Salt Lake City, UT	EN[ZEN]	3	UU	40° 37.45'	111° 49.37'	1411	EpiSensor	Etna2	Digital	ANSS
BSUT	Blindstream Canyon, Hanna, UT	HH[ZEN]	3	UU	40° 32.19'	110° 45.67'	3211	Trillium 120	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			
BTU	Barney Top, UT	EHZ	1	UU	37° 45.34'	111° 52.46'	3235	S13	PSN	Analog	Utah
BW06	Boulder, WY	BH[ZEN]	3	US	42° 46.00'	109° 33.50'	2224	*	*	Digital	USGS
BYP	Brigham Young Park Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.26'	111° 53.23'	1323	EpiSensor	Etna2	Digital	ANSS
BZMT	Bozeman Pass, MT	EHZ	1	MB	45° 38.89'	110° 47.80'	1905	*	*	Analog	MBMT
CAP2	Utah Capitol Maint. Facility, Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.78'	111° 53.34'	1381	EpiSensor	Etna2	Digital	ANSS
CCPU	Cedar City Park, UT	EN[ZEN]	3	UU	38° 16.61'	112° 38.42'	1799	PA-23	SMART-24	Digital	Utah
CCUT	Cedar City, UT	HH[ZEN]	3	UU	37° 33.04'	113° 21.77'	2124	STS-2	Centaur	Digital	USGS
		EN[ZEN]	3					R147			
CFS	Copperton Fire Station, Copperton, UT	EN[ZEN]	3	UU	40° 33.96'	112° 05.61'	1654	EpiSensor	Etna2	Digital	ANSS
CHS	Copper Hills High School, West Jordan, UT	EN[ZEN]	3	UU	40° 35.68'	112° 01.03'	1460	EpiSensor	Etna2	Digital	ANSS
CMI	Centennial Mountains, ID	EHZ	1	RC	44° 30.99'	111° 37.05'	2267	L4C	*	Analog	BYU-I
COMI	Craters of the Moon, ID	HH[ZEN]	3	IE	43° 27.72'	113° 35.64'	1890	*	*	Digital	INL
COY	Coyote Canyon, Tooele Valley, UT	EN[ZEN]	3	UU	40° 39.56'	112° 14.34'	1572	EpiSensor	Etna2	Digital	ANSS
CRLU	Curley Ranch, La Sal, UT	EHZ	1	UU	38° 17.50'	109° 15.64'	2035	L4C	Basalt	Digital	Utah, USGS
		EN[ZEN]	3					EpiSensor			
CRMT	Chrome Mountain, MT	EHZ	1	MB	45° 27.35'	110° 08.41'	2941	*	*	Analog	MBMT
CTU	Camp Tracy, UT	HH[ZEN]	3	UU	40° 41.55'	111° 45.02'	1731	Titan	Centaur	Digital	USGS
		EN[ZEN]	3					Trillium 120			
CVH	Canyon View High School, Cedar City, UT	EN[ZEN]	3	UU	37° 42.91'	113° 03.85'	1724	PA-23	SMART-24	Digital	Utah
CVRU	Castle Valley Ranch, Emery, UT	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	EN[ZEN]	3	UU	41° 34.90'	111° 46.89'	1837	EpiSensor	Etna2	Digital	ANSS
CWU	Camp Williams, UT	EHZ	1	UU	40° 26.75'	112° 06.13'	1945	L4C	PSN	Analog	USGS
DAU	Daniels Canyon, UT	EHZ	1	UU	40° 24.75'	111° 15.35'	2771	S13	PSN	Analog	USGS
DBD	Des Bee Dove, UT	EHZ	1	UU	39° 18.82'	111° 05.55'	2265	L4C	PSN	Analog	Utah
DCM	Dugout Coal Mine, UT	EHZ	1	UU	39° 41.70'	110° 35.00'	2537	L4C	Basalt	Digital	Utah
		EN[ZEN]	3					EpiSensor			
DCU	Deer Creek Reservoir, UT	EHZ	1	UU	40° 24.82'	111° 31.61'	1829	L4C	PSN	Analog	USGS

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
DOT	Utah Dept. of Transportation Region II Offices, Salt Lake City, UT	EN[ZEN]	3	UU	40° 43.61'	111° 57.65'	1282	EpiSensor	Etna2	Digital	ANSS
DUG	Dugway, UT	HH[ZEN]	3	US	40° 11.70'	112° 48.80'	1477	STS-2	Q330	Digital	USGS
DVCI	Devils Canyon, ID	HH[ZEN]	3	IE	44° 22.99'	114° 02.31'	1997	Trillium 120	Q330	Digital	INL
DWU	Dry Willow, UT	EHZ	1	UU	38° 06.32'	112° 59.85'	2270	S13	PSN	Analog	Utah
ECMT	Emigrant Creek, MT	HH[ZEN]	3	MB	45° 19.27'	110° 44.39'	1567	*	*	Digital	MBMT
		EN[ZEN]	3								
ECRI	Eagle Creek, ID	HHZ	1	IE	43° 03.24'	111° 22.26'	2086	*	*	Digital	INL
ECUT	Ebbs Canyon, Scipio, UT	HH[ZEN]	3	UU	39° 10.30'	112° 07.99'	2136	Trillium 120	Centaur	Digital	Utah
EKU	East Kanab, UT	HH[ZEN]	3	UU	37° 04.48'	112° 29.81'	1829	Titan	Centaur	Digital	Utah, USGS
		EN[ZEN]	3					Trillium 120			
ELE	East Layton Elementary School, East Layton, UT	EN[ZEN]	3	UU	41° 04.84'	111° 55.09'	1444	EpiSensor	Etna2	Digital	ANSS
ELK	Elko, NV	HH[Z12]	3	US	40° 44.69'	115° 14.33'	2210	*	*	Digital	USGS
ELU	Electric Lake, UT	EHZ	1	UU	39° 38.41'	111° 12.23'	2970	L4C	PSN	Analog	Utah
EMF	Eagle Mountain Gas Tap, UT	EN[ZEN]	3	UU	40° 16.89'	111° 59.92'	1487	EpiSensor	Etna2	Digital	ANSS
EMU	Emma Park, UT	EH[ZEN]	3	UU	39° 48.84'	110° 48.92'	2268	S13	Centaur	Digital	Utah, USGS
		EN[ZEN]	3					EpiSensor			
EOCU	EOC, State Capitol Campus, Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.62'	111° 53.95'	1356	EpiSensor	Basalt	Digital	Utah
EPU	East Promontory, UT	EHZ	1	UU	41° 23.49'	112° 24.53'	1436	L4C	Obsidian	Digital	USGS
ETW	Elwood Town Hall, Elwood, UT	EN[ZEN]	3	UU	41° 40.15'	112° 08.53'	1305	EpiSensor	Etna2	Digital	ANSS
FLU	Fool's Peak, UT	EHZ	1	UU	39° 22.69'	112° 10.29'	1951	18300	Basalt	Digital	USGS
		EN[ZEN]	3					EpiSensor			
FLWY	Flagg Ranch, WY	BH[Z12]	3	IW	44° 04.96'	110° 41.96'	2078	3ESP	RT-130	Digital	ANSS
FOR1	Milford Southwest, UT	HH[ZEN]	3	UU	38° 22.13'	113° 05.63'	1642	Trillium 120	Centaur	Digital	Utah
FOR2	Blundell East, UT	HH[ZEN]	3	UU	38° 29.70'	112° 52.34'	1760	Trillium 120	Centaur	Digital	Utah
FOR5	SW Antelope Mountain, UT	HH[ZEN]	3	UU	38° 34.18'	112° 51.27'	1742	Trillium 120	Centaur	Digital	Utah
FOR6	FORGE, UT	HH[ZEN]	3	UU	38° 29.39'	112° 47.25'	2421	Trillium 120	Centaur	Digital	Utah
FOR7	FORGE, UT	HH[ZEN]	3	UU	38° 25.24'	112° 51.16'	1964	Trillium 120	Centaur	Digital	Utah
FOR8	FORGE, UT	HH[ZEN]	3	UU	38° 31.72'	113° 04.68'	1654	Trillium 120	Centaur	Digital	Utah
FORB	Blundell, Power Plant, UT	EN[ZEN]	3	UU	38° 29.41'	112° 51.30'	1845	EpiSensor	Basalt	Digital	Utah
FORK	Blundell, UT	EH[Z12]	3	UU	38° 30.07'	112° 53.19'	1408	Omni-2400	Obsidian	Digital	Utah
		GH[Z12]	3					Silicon-ULN			
		EN[Z12]	3								
		GN[Z12]	3								
FORU	South Mineral Mountains, UT	HH[ZEN]	3	UU	38° 27.53'	112° 51.68'	1840	40T	ANSS-130	Digital	Utah
FORW	Milford Wind Farm, UT	EN[ZEN]	3	UU	38° 33.76'	112° 56.21'	1516	EpiSensor	Obsidian	Digital	Utah

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
FPU	Francis Peak, UT	HH[ZEN]	3	UU	41° 01.58'	111° 50.21'	2816	Trillium 120	Centaur	Digital	USGS
		EN[ZEN]	3					Titan			
FSB1	FORGE surface borehole 1, UT	DN[Z12]	3	UU	38° 29.10'	112° 53.48'	1697	Titan	Centaur	Digital	Utah
		EN[Z12]	3					Compact			
		HH[Z12]	3								
FSB2	FORGE surface borehole 2, UT	DN[Z12]	3	UU	38° 30.44'	112° 54.98'	1587	Titan	Centaur	Digital	Utah
		EN[Z12]	3					Compact			
		HH[Z12]	3								
FSB3	FORGE surface borehole 3, UT	DN[Z12]	3	UU	38° 30.80'	112° 52.84'	1701	Titan	Centaur	Digital	Utah
		EN[Z12]	3					Compact			
		HH[Z12]	3								
FSB4	FORGE surface borehole 4, UT	HH[Z12]	3	UU	38° 25.54'	112° 56.02'	1578	Compact	Centaur	Digital	Utah
FSB5	FORGE surface borehole 5, UT	HH[Z12]	3	UU	38° 30.19'	113° 00.83'	1474	Compact	Centaur	Digital	Utah
FSB6	FORGE surface borehole 6, UT	HH[Z12]	3	UU	38° 36.12'	112° 56.47'	1462	Compact	Centaur	Digital	Utah
FSU	Fish Springs, UT	HH[ZEN]	3	UU	39° 43.35'	113° 23.48'	1487	Trillium 120	Centaur	Digital	Utah, USGS
		EN[ZEN]	3					Titan			
FTT	Fire Training Tower, Magna, UT	EN[ZEN]	3	UU	40° 41.16'	112° 04.99'	1381	EpiSensor	Etna2	Digital	ANSS
GAWY	Genesis Alkali Granger, WY	HH[ZEN]	3	UU	41° 44.43'	109° 51.13'	2011	Trillium 120	Centaur	Digital	Utah
GBI	Big Grassy Butte, ID	HH[ZEN]	3	IE	43° 59.22'	112° 03.78'	1541	*	*	Digital	INL
GCAZ	Grand Canyon, AZ	EHZ	1	AR	36° 03.51'	112° 11.02'	2072	*	*	Analog	NAU
GMO	Grantsville Maintenance Office, Grantsville, UT	EN[ZEN]	3	UU	40° 36.04'	112° 28.48'	1320	EpiSensor	Etna2	Digital	ANSS
GMU	Granite Mountain, UT	EH[ZEN]	3	UU	40° 34.53'	111° 45.79'	1829	S13	PSN	Analog	USGS
GRR1	Grays Lake, ID	EHZ	1	IE	42° 56.28'	111° 25.32'	2207	*	*	Digital	INL
GTRI	Grays Lake, ID	HH[12]	2	IE	43° 14.64'	113° 14.46'	1547	*	*	Digital	INL
GZU	Grizzly Peak, UT	EH[ZEN]	3	UU	41° 25.53'	111° 58.50'	2646	S13	Obsidian	Digital	USGS
		EN[ZEN]	3					EpiSensor			
HAFB	Hill Air Force Base, Hill AFB, UT	EN[ZEN]	3	UU	41° 07.07'	111° 58.55'	1471	EpiSensor	Etna2	Digital	Utah
HDUT	Hyde Park, UT	HH[ZEN]	3	UU	41° 48.19'	111° 45.96'	1846	Trillium 120	Centaur	Digital	USGS
		EN[ZEN]	3					Titan			
HEB	Heber, UT	EHZ	1	UU	40° 30.09'	111° 20.15'	1925	S13	PSN	Analog	Utah
HER	Herriman Fire Station Herriman, UT	EN[ZEN]	3	UU	40° 30.94'	112° 01.85'	1502	EpiSensor	Etna2	Digital	ANSS
HES	Hooper Elementary School Hooper, UT	EN[ZEN]	3	UU	41° 09.89'	112° 07.30'	1292	EpiSensor	K2	Digital	ANSS
HHS	Hurricane High School, UT	EN[ZEN]	3	UU	37° 10.43'	113° 17.74'	987	EpiSensor	Etna2	Digital	Utah
HLID	Hailey, ID	BH[ZEN]	3	US	43° 33.75'	114° 24.83'	1772	*	*	Digital	USGS

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
HLJ	Hailstone, UT	HH[ZEN]	3	UU	40° 36.64'	111° 24.05'	1931	Trillium 120	Centaur	Digital	ANSS
		EN[ZEN]	3					EpiSensor			
HMU	Henry Mountain, UT	HH[ZEN]	3	UU	37° 56.28'	110° 44.51'	2430	Trillium 120	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			
HRU	Hogsback Ridge, UT	EHZ	1	UU	40° 47.67'	111° 53.14'	1620	L4C	PSN	Analog	USGS
		EN[ZEN]	3					EpiSensor	Obsidian	Digital	ANSS
HTU	Hoyt, UT	EHZ	1	UU	40° 40.52'	111° 13.21'	2576	L4C	PSN	Analog	USGS
		EHZ	1					EpiSensor	Basalt	Digital	
		EN[ZEN]	3								
HVV	Hansel Valley, UT	HH[ZEN]	3	UU	41° 46.78'	112° 46.50'	1609	Trillium 120	Q330	Digital	USGS
		EN[ZEN]	3					EpiSensor			
HWUT	Hardware Ranch, UT	BH[ZEN]	3	US	41° 36.41'	111° 33.91'	1830	*	*	Digital	USGS
IAE	Cedar City, Iron County Adult Education, UT	EN[ZEN]	3	UU	37° 39.91'	113° 40.02'	1807	EpiSensor	Etna2	Digital	Utah
ICF	International Center Fire Station, Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.69'	112° 01.72'	1281	EpiSensor	Etna2	Digital	ANSS
ICU	Indian Springs Canyon, UT	EHZ	1	UU	37° 08.98'	113° 55.41'	1451	S13	PSN	Analog	Utah
IMU	Iron Mountain, UT	EHZ	1	UU	38° 37.99'	113° 09.50'	1833	L4C	PSN	Analog	Utah
IMW	Indian Meadows, WY	BH[ZEN]	3	IW	43° 53.58'	110° 56.58'	2670	3ESP	RT-130	Digital	ANSS
ISCO	Idaho Springs, CO	BH[ZEN]	3	US	39° 47.98'	105° 36.80'	2743	STS-2	Q330	Digital	ANSS
JRP	Jordan River State Park Salt Lake City, UT	EN[ZEN]	3	UU	40° 49.54'	111° 56.66'	1284	EpiSensor	Etna2	Digital	ANSS
JVW2	Murray City Parkway Golf Course, Murray, UT	EN[ZEN]	3	UU	40° 37.90'	111° 55.15'	1310	EpiSensor	Etna2	Digital	ANSS
KCBD	Kane County Bus Depot, UT	EN[ZEN]	3	UU	37° 02.15'	112° 31.59'	1470	PA-23	SMART-24	Digital	Utah
KHUT	Kindman Hollow, UT	EHZ	1	UU	41° 43.29'	112° 01.78'	1829	L4C	Basalt	Digital	ANSS
		EN[ZEN]	3					EpiSensor			
KLJ	Keetley, UT	EHZ	1	UU	40° 37.85'	111° 24.30'	1992	S13	PSN	Analog	Utah
KNB	Kanab, UT	HH[ZEN]	3	UU	37° 01.00'	112° 49.34'	1715	Trillium 120	Centaur	Digital	Utah, ANSS, LLNL
		EN[ZEN]	3					EpiSensor			
LCMT	Little Creek Mountain, UT	HH[ZEN]	3	UU	37° 00.71'	113° 14.63'	1411	Trillium 120	Centaur	Digital	Utah
		EN[ZEN]	3					EpiSensor			
LCU	Little Cottonwood, UT	EN[ZEN]	3	UU	40° 34.41'	111° 47.91'	1571	EpiSensor	Etna2	Digital	ANSS
LDJ	Lady, UT	EHZ	1	UU	40° 34.89'	111° 24.52'	2217	S13	PSN	Analog	Utah
LEVU	Levan, UT	EHZ	1	UU	39° 30.39'	111° 48.88'	1996	L4C	Basalt	Digital	USGS
		EN[ZEN]	3					EpiSensor			
LGC	Lakeside Golf Course Bountiful, UT	EN[ZEN]	3	UU	40° 54.04'	111° 54.51'	1292	EpiSensor	Etna2	Digital	ANSS
LHUT	Little Humpy Peak, UT	EHZ	1	UU	40° 53.49'	110° 59.78'	3084	S13	PSN	Analog	Utah

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
LIUT	Lila Canyon, UT	HH[ZEN]	3	UU	39° 25.45'	110° 19.51'	2178	Trillium 120	Centaur	Digital	Utah
LKC	Lee Kay Hunter Education Center Magna, UT	EN[ZEN]	3	UU	40° 43.62'	112° 02.14'	1289	EpiSensor	Etna2	Digital	ANSS
LKWY	Lake, WY	BH[ZEN]	3	US	44° 33.91'	110° 24.00'	2424	*	*	Digital	USGS
LMUT	Lake Mountain, UT	EN[ZEN]	3	UU	40° 15.69'	111° 55.69'	2330	EpiSensor	Etna2	Digital	ANSS
LOHW	National Elk Refuge, WY	BH[Z12]	3	IW	43° 36.76'	110° 36.30'	2245	3ESP	RT-130	Digital	ANSS
LRG	Logan River Golf Course Logan, UT	EN[ZEN]	3	UU	41° 42.82'	111° 51.08'	1362	EpiSensor	Etna2	Digital	ANSS
LSU	Lake Shores, UT	EN[ZEN]	3	UU	40° 07.94'	111° 43.80'	1375	EpiSensor	Etna2	Digital	ANSS
LTU	Little Mountain, UT	EN[ZEN]	3	UU	41° 35.51'	112° 14.83'	1585	EpiSensor	Basalt	Digital	USGS
MAB	Mapleton Ambulance Building Mapleton, UT	EN[ZEN]	3	UU	40° 07.85'	111° 34.67'	1440	EpiSensor	Etna2	Digital	ANSS
MCID	Moose Creek, ID	EHZ	1	WY	44° 11.45'	111° 11.03'	2137	L4C	PSN	Analog	USGS
MCU	Monte Cristo Peak, UT	EN[ZEN]	3	UU	41° 27.70'	111° 30.45'	2664	Titan	Centaur	Digital	USGS
		HH[ZEN]	3					Trillium 120			
MGCU	Grand County Courthouse, Moab, UT	EN[ZEN]	3	UU	38° 34.46'	109° 32.89'	1241	EpiSensor	K2	Digital	Utah
MHD	Mile High Drive, UT	EHZ	1	UU	40° 39.64'	111° 48.05'	1597	Ranger	Basalt	Digital	USGS
		EN[ZEN]	3					EpiSensor			
MHS2	Milford High School, UT	EN[ZEN]	3	UU	38° 23.97'	113° 00.78'	1529	EpiSensor	Etna2	Digital	Utah
MID	Middle Canyon, UT	EN[ZEN]	3	UU	40° 31.04'	112° 15.28'	1722	EpiSensor	Etna2	Digital	ANSS
MLI	Malad Range, ID	EHZ	1	UU	42° 01.61'	112° 07.53'	1896	L4C	Basalt	Digital	USGS
		EN[ZEN]	3					EpiSensor			
MMU	Miners Mountain, UT	EN[ZEN]	3	UU	38° 11.57'	111° 17.66'	2387	Titan	Centaur	Digital	Utah, USGS
		HH[ZEN]	3					Trillium 120			
MOMT	Monida, MT	EHZ	1	MB	44° 35.60'	112° 23.66'	2220	*	*	Analog	MBMT
MOOW	Moose Ponds, WY	BH[Z12]	3	IW	43° 44.92'	110° 44.69'	2128	*	*	Digital	ANSS
MOR	Morgan, UT	EN[ZEN]	3	UU	41° 02.77'	111° 39.94'	1633	Applied Mems	ANSS-130	Digital	ANSS
MOUT	Mount Ogden, UT	EN[ZEN]	3	UU	41° 11.94'	111° 52.73'	2743	Titan	Centaur	Digital	USGS
		HH[ZEN]	3					Trillium 120			
MPU	Maple Canyon, UT	EN[ZEN]	3	UU	40° 00.93'	111° 38.00'	1909	EpiSensor	Centaur	Digital	ANSS USGS
		HH[ZEN]	3					Observer			
MSU	Marysvale, UT	EHZ	1	UU	38° 30.74'	112° 10.63'	2105	18300	PSN	Analog	Utah
MTPU	Mt. Pierson, UT	EN[ZEN]	3	UU	38° 02.49'	112° 11.06'	3112	EpiSensor	Q330	Digital	Utah
		HH[ZEN]	3					Trillium 120			
MTUT	Morton Thiokol, UT	EN[ZEN]	6	UU	41° 42.55'	112° 27.28'	1373	Titan	Centaur	Digital	USGS
MVCO	Mesa Verde, CO	BH[ZEN]	3	US	37° 12.62'	108° 29.92'	2170	STS-2	Q330	Digital	ANSS
MVU	Marysvale, UT	BH[ZEN]	3	LB	38° 30.22'	112° 12.74'	2240	*	*	Digital	Sandia
NAI	North Antelope Island, UT	EHZ	1	UU	41° 00.97'	112° 13.68'	1472	L4C	Obsidian	Digital	ANSS
		EN[ZEN]	3					EpiSensor			

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
NLU	North Lily Mine, UT	EN[ZEN]	3	UU	39° 57.29'	112° 04.50'	2036	EpiSensor	Centaur	Digital	ANSS
		HH[ZEN]	3					Trillium 120			
NMU	North Mineral Mountain, UT	EH[ZEN]	3	UU	38° 30.99'	112° 51.00'	1853	S13	PSN	Analog	Utah
NOQ	North Oquirrh Mountains, UT	EN[ZEN]	3	UU	40° 39.16'	112° 07.26'	1628	Titan	Centaur	Digital	ANSS
		HH[ZEN]	3					Trillium 120		Digital	USGS
NPI	North Pocatello, ID	EHZ	1	UU	42° 08.84'	112° 31.10'	1640	L4C	Basalt	Digital	ANSS
		EN[ZEN]	3					EpiSensor			
O20A	White River City, CO	BH[ZEN]	3	N4	40° 08.09'	108° 14.50'	1915	STS-2	Q330	Digital	NCF
OCP	Orem City Park, Orem, UT	EN[ZEN]	3	UU	40° 17.87'	111° 41.44'	1464	EpiSensor	Etna2	Digital	ANSS
OF2	Ogden Fire Station ° 2 Ogden, UT	EN[ZEN]	3	UU	41° 13.70'	111° 56.92'	1358	EpiSensor	Etna2	Digital	ANSS
OPS	Ogden Public Safety Building, Ogden, UT	EN[ZEN]	3	UU	41° 13.72'	111° 58.54'	1317	EpiSensor	Etna2	Digital	ANSS
OSS	Oquirrh Sub Station, UT	EN[ZEN]	3	UU	40° 33.92'	112° 01.73'	1503	EpiSensor	Etna2	Digital	ANSS
OWUT	Old Woman Plateau, UT	EHZ	1	UU	38° 46.80'	111° 25.42'	2568	L4C	PSN	Analog	Utah
PCCW	Pine Creek, Cokeville, WY	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	EN[ZEN]	3	UU	41° 18.60'	112° 06.00'	1290	EpiSensor	Etna2	Digital	ANSS
PCR	Park City Recreation Center, Park City, UT	EN[ZEN]	3	UU	40° 39.25'	111° 30.19'	2100	EpiSensor	Etna2	Digital	ANSS
PD31	PDAR Array, Pinedale, WY	BH[ZEN]	3	IM	42° 05.97'	109° 52.36'	2219	*	*	Digital	FDSN
PEUT	Pahvant Elementary School, Richfield, UT	EN[ZEN]	3	UU	38° 46.55'	112° 05.32'	1644	PA-23	SMART-24	Digital	Utah
PGAZ	Page, AZ	EHZ	1	AR	36° 54.34'	111° 16.86'	1272	*	*	Analog	NAU
PGC	Pleasant Grove Creek, UT	EN[ZEN]	3	UU	40° 22.71'	111° 42.62'	1707	EpiSensor	Etna2	Digital	ANSS
PIO	Pioche, NV	HH[ZEN]	3	NN	37° 56.83'	114° 29.48'	1887	Trillium 120	Q330	Digital	UNR
PKCU	Pink Cliffs, UT	HH[ZEN]	3	UU	37° 26.63'	112° 18.66'	2834	Trillium 120	SMART-24	Digital	Utah
		EN[ZEN]	3					PA-23			
PLID	Pearl Lake, ID	BH[Z12]	3	IW	45° 05.25'	116° 00.02'	2164	*	*	Digital	ANSS
PNSU	Preston Nutter Ranch, Sunnyside, UT	HH[ZEN]	3	UU	39° 37.67'	110° 14.74'	2743	Trillium 240	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			
PRN	Pahroc, Range, NV	HH[ZEN]	3	NN	37° 24.40'	115° 03.05'	1402	Trillium 120	ANSS-130	Digital	UNR
PSUT	Pine Spring, UT	HH[ZEN]	3	UU	38° 32.02'	113° 51.28'	1999	Trillium 120	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			
PTI	Pocatello, ID	HH[ZEN]	3	IE	42° 52.20'	112° 22.21'	1670	*	*	Digital	INL
PTU	Portage, UT	EHZ	1	UU	41° 55.76'	112° 19.48'	2192	L4C	Basalt	Digital	ANSS
		EN[ZEN]	3					EpiSensor			
PV05	E. Island Mesa, Paradox Basin, CO	HH[ZEN]	3	RE	38° 08.87'	108° 50.08'	2142	*	*	Digital	USBR
PV11	Davis Mesa, Paradox Basin, CO	HH[ZEN]	3	RE	38° 17.96'	108° 52.33'	1881	*	*	Digital	USBR

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
PV15	Pinto Mesa, Paradox Basin, CO	HH[ZEN]	3	RE	38° 20.51'	108° 28.66'	2280	*	*	Digital	USBR
PV21	Cone Mountain, Paradox Basin, CO	HH[ZEN]	3	RE	38° 33.67'	108° 58.50'	2235	*	*	Digital	USBR
Q12A	Willow Creek Ranch, Ely, NV	HH[ZEN]	3	NN	39° 02.40'	114° 19.88'	1625	Trillium 120	Q330	Digital	UNR
QBHW	Bridle Trail Rd, Draper, UT	HN[ZEN]	3	UU	40° 30.23'	111° 51.35'	1400	Gsig-AC63	Gsig-GMS	Digital	ANSS
QCSP	White Pine Dr., Tooele, UT	HN[ZEN]	3	UU	40° 32.75'	112° 16.56'	1538	Gsig-AC63	Gsig-GMS	Digital	ANSS
QCWC	E 2100 S, Salt Lake City, UT	HN[ZEN]	3	UU	40° 43.54'	111° 49.94'	1373	Gsig-AC63	Gsig-GMS	Digital	ANSS
QDPS	Dept of Public Safety Univ. of Utah, Salt Lake City, UT	HN[ZEN]	3	UU	40° 45.60'	111° 50.46'	1460	Gsig-AC63	Gsig-GMS	Digital	ANSS
QFTG	N 450 E St., Springville, UT	HN[ZEN]	3	UU	40° 10.42'	111° 36.12'	1395	Gsig-AC63	Gsig-GMS	Digital	ANSS
QJHW	Red Rock Ranch, Teton County, WY	HN[ZEN]	3	UU	43° 34.99'	110° 24.65'	2169	Gsig-AC63	Gsig-GMS	Digital	ANSS
QJMH	S 900 E, Salt Lake City, UT	HN[ZEN]	3	UU	40° 42.21'	111° 51.97'	1312	Gsig-AC63	Gsig-GMS	Digital	ANSS
QJOT	Whileaway Rd., Snyderville, UT	HN[ZEN]	3	UU	40° 44.50'	111° 41.68'	1977	Gsig-AC63	Gsig-GMS	Digital	ANSS
QKSL2	Lehi, UT	HN[ZEN]	3	UU	40° 15.98'	111° 50.07'	1371	Gsig-AC63	Gsig-GMS	Digital	ANSS
QLIN	884 E 490 N, Lindon, UT	HN[ZEN]	3	UU	40° 20.83'	111° 29.63'	1538	Gsig-AC63	Gsig-GMS	Digital	ANSS
QLMT	Earthquake Lake, MT	EHZ	1	MB	44° 49.84'	111° 25.80'	2064	*	*	Analog	MBMT
QMDS	S 2600 E, Salt Lake City, UT	HN[ZEN]	3	UU	40° 43.74'	111° 48.97'	1405	Gsig-AC63	Gsig-GMS	Digital	ANSS
QNRL	E 500 N, Logan, UT	HN[ZEN]	3	UU	40° 44.44'	111° 49.49'	1407	Gsig-AC63	Gsig-GMS	Digital	ANSS
QOGD	1723 N 900 E, North Ogden, UT	HN[ZEN]	3	UU	41° 17.38'	111° 57.11'	1361	Gsig-AC63	Gsig-GMS	Digital	ANSS
QPAY	N 300 E Payson, UT	HN[ZEN]	3	UU	40° 03.18'	111° 43.70'	1404	Gsig-AC63	Gsig-GMS	Digital	ANSS
QPML	S Whitesides St., Layton, UT	HN[ZEN]	3	UU	40° 03.47'	111° 57.23'	1334	Gsig-AC63	Gsig-GMS	Digital	ANSS
QRJG	N 1450 E, Provo, UT	HN[ZEN]	3	UU	40° 15.65'	111° 37.96'	1530	Gsig-AC63	Gsig-GMS	Digital	ANSS
QSAR2	Saratoga Springs, UT	HN[ZEN]	3	UU	40° 20.17'	111° 55.43'	1420	Gsig-AC63	Gsig-GMS	Digital	ANSS
QSPA	520 S, Spanish Fork, UT	HN[ZEN]	3	UU	40° 17.47'	111° 52.95'	1413	Gsig-AC63	Gsig-GMS	Digital	ANSS
QSTV	S City Vistas Way, Kearns, UT	HN[ZEN]	3	UU	40° 40.25'	112° 02.18'	1416	Gsig-AC63	Gsig-GMS	Digital	ANSS
QSUN	1412 N 350 W, Sunset, UT	HN[ZEN]	3	UU	41° 08.04'	112° 01.97'	1373	Gsig-AC63	Gsig-GMS	Digital	ANSS
R11B	Troy Canyon, Currant, NV	HH[ZEN]	3	NN	38° 20.93'	115° 35.12'	1756	STS-5A	Q330	Digital	UNR
RBU	Red Butte Canyon, UT	EHZ	1	UU	40° 46.85'	111° 48.50'	1676	L4C	Basalt	Digital	USGS
		EN[ZEN]	3					EpiSensor			
RCJ	Ross Creek, UT	EN[ZEN]	3	UU	40° 39.51'	111° 26.36'	2090	Titan	Centaur	Digital	Utah
		EN[ZEN]	3					Titan			
RDMU	Red Mountain, UT	HH[ZEN]	3	UU	40° 34.25'	109° 34.17'	2087	Trillium 120	SMART-24	Digital	Utah
		EN[ZEN]	3					PA-23			
REUT	Washington Fields, Riverside Elementary School, UT	EN[ZEN]	3	UU	37° 05.86'	113° 31.16'	791	PA-23	SMART-24	Digital	Utah
RLMT	Red Lodge, MT	BH[12Z]	3	US	45° 07.33'	109° 16.04'	2086	STS-2	Q330	Digital	ANSS
ROA	Roan Cliffs, UT	EHZ	1	UU	39° 39.69'	110° 21.88'	2962	S13	PSN	Analog	Utah
RPF	Rose Park Fire Station, Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.52'	111° 55.22'	1287	EpiSensor	Etna2	Digital	ANSS

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
RRCU	Rees Ranch, Coalville, UT	EHZ	1	UU	40° 53.21'	111° 26.22'	2028	L4C	Basalt	Digital	Utah, USGS
		EN[ZEN]	3					EpiSensor			
RSUT	Red Spur, UT	EHZ	1	UU	41° 38.31'	111° 25.90'	2682	S13	Basalt	Digital	USGS
		EN[ZEN]	3					EpiSensor			
SAIU	South Antelope Island, UT	EHZ	1	UU	40° 51.29'	112° 10.89'	1384	L4C	PSN	Analog	USGS
		EHZ	1					EpiSensor	Basalt	Digital	
		EN[ZEN]	3								
SCC	Salt Lake Community College, SLC UT Salt Lake City, UT	EN[ZEN]	3	UU	40° 40.49'	111° 56.37'	1306	EpiSensor	Etna2	Digital	ANSS
SCS	Syracuse City Cemetery Shop Syracuse, UT	EN[ZEN]	3	UU	41° 05.73'	112° 02.81'	1321	EpiSensor	Etna2	Digital	ANSS
SCUT	Santa Clara, UT	EN[ZEN]	3	UU	37° 07.69'	113° 38.68'	837	EpiSensor	Etna2	Digital	Utah
SCY	Salem City Yard, Salem, UT	EN[ZEN]	3	UU	40° 03.47'	111° 41.14'	1386	Applied Mems	ANSS-130	Digital	ANSS
SGSU	St. George Fire Station #4, UT	EN[ZEN]	3	UU	38° 16.61'	112° 38.42'	1799	PA-23	SMART-24	Digital	Utah
SGU	Sterling, UT	EN[ZEN]	3	UU	39° 10.94'	111° 38.68'	2357	Trillium 120	Centaur	Digital	USGS
		HH[ZEN]	3					Titan			
SHED	SR 201/I-80 Bridge Array, Salt Lake City, UT	HN[ZEN]	3	UU	40° 43.32'	111° 54.37'	1290	EpiSensor	K2	Digital	NSMP, ANSS
SHP	Sheep Range, NV	HH[ZEN]	3	NN	36° 30.33'	115° 09.61'	1590	Trillium 120	ANSS-130	Digital	UNR
SJF	South Jordan Fire Station, South Jordan, UT	EN[ZEN]	3	UU	40° 33.37'	111° 56.34'	1356	EpiSensor	Obsidian	Digital	ANSS
SKII	Z, ID	HH[ZEN]	3	IE	43° 19.21'	111° 55.79'	2082	*	*	Digital	INL
SMAZ	Slide Mountain, AZ	EHZ	1	AR	36° 19.29'	113° 10.14'	2200	*	*	Analog	NAU
SNO	Snow College, UT	EN[ZEN]	6	UU	39° 19.18'	111° 32.33'	2503	Titan	Centaur	Digital	Utah, USGS
SNOW	Snowking Mountain, WY	BH[ZEN]	3	IW	43° 27.75'	110° 45.31'	2390	*	*	Digital	ANSS
SNUT	Stansbury North, UT	EHZ	1	UU	40° 53.10'	112° 30.52'	1652	18300	PSN	Analog	USGS
		EHZ	1					EpiSensor	Basalt	Digital	
		EN[ZEN]	3								
SPR2	Wildlife Resource Center Springville, UT	EN[ZEN]	3	UU	40° 10.95'	111° 36.69'	1382	EpiSensor	Etna2	Digital	ANSS
SPR3	Spring Creek 3, NV	HH[ZEN]	3	NN	38° 59.93'	114° 19.88'	2815	Trillium 120	RT-130	Digital	UNR
SPS	Stansbury Park Sewage Lagoon Stansbury Park, UT	EN[ZEN]	3	UU	40° 38.97'	112° 18.95'	1293	EpiSensor	Etna2	Digital	ANSS
SPU	South Promontory Point, UT	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	EHZ	1	UU	39° 06.65'	110° 31.43'	1804	S13	PSN	Analog	Utah, ANSS, IRIS
		HH[ZEN]	6					Trillium 120	ANSS-130	Digital	
		EN[ZEN]	3								

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
SSC	Sandy Senior Center Sandy, UT	EN[ZEN]	3	UU	40° 34.89'	111° 51.35'	1414	EpiSensor	Etna2	Digital	ANSS
SUU	Santaquin Canyon, UT	EH[ZEN]	3	UU	39° 53.29'	111° 47.45'	2024	S13	Obsidian	Digital	USGS
		EN[ZEN]	3					EpiSensor			
SVWY	Solvay Mine, WY	HH[ZEN]	3	UU	41° 27.02'	109° 51.88'	1950	Trillium 120	Centaur	Digital	Utah
SWUT	Soap Wash, Delta, UT	EN[ZEN]	3	UU	39° 19.72'	113° 11.72'	1644	EpiSensor	Q330	Digital	Utah
		HH[ZEN]	3					Trillium 120			
SZCU	Shurtz Canyon, UT	HH[ZEN]	3	UU	37° 35.72'	113° 05.25'	2026	3T	SMART-24	Digital	Utah
		EN[ZEN]	3					PA-23			
TCMU	Timpanogos Cave Mouth, UT	EHZ	1	UU	40° 26.26'	111° 42.71'	2045	L4C	Basalt	Digital	Utah
		EN[ZEN]	3					EpiSensor			
TCRU	Three Creeks Reservoir, UT	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	EN[ZEN]	3	UU	41° 07.04'	111° 24.47'	2269	EpiSensor	ANSS-130	Digital	ANSS
		HH[ZEN]	3					3ESP			
TCUT	Toone Canyon, UT	EHZ	1	UU	41° 07.07'	111° 24.51'	2320	L4C	PSN	Analog	USGS
TMI	Taylor Mountain, ID	EHZ	1	IE	43° 18.30'	111° 55.08'	2179	*	*	Digital	INL
TMU	Trail Mountain, UT	HH[ZEN]	3	UU	39° 17.79'	111° 12.49'	2731	Observer	ANSS-130	Digital	Utah, ANSS
		EN[ZEN]	3					EpiSensor			
TPAW	Teton Pass, WY	BH[ZEN]	3	IW	43° 29.41'	110° 57.04'	2512	3ESP	RT-130	Digital	ANSS
TPH	Tonopah, NV	BH[ZEN]	3	LB	38° 04.50'	117° 13.35'	1883	3ESP	Q330	Digital	Sandia
TPMT	Teepe Creek, MT	EHZ	1	MB	44° 43.79'	111° 39.94'	2518	*	*	Analog	MBMT
TPNV	Topopah Spring, NV	BH[ZEN]	3	US	36° 56.93'	116° 14.97'	1600	*	*	Digital	USGS
TPU	Thanksgiving Point, Lehi, UT	EN[ZEN]	3	UU	40° 25.81'	111° 54.13'	1383	EpiSensor	Etna2	Digital	ANSS
TRS	Tooele County Radio Shop, Tooele, UT	EN[ZEN]	3	UU	40° 30.83'	112° 18.63'	1568	EpiSensor	Etna2	Digital	ANSS
U15A	North Rim, AZ	HH[ZEN]	3	AE	36° 25.80'	112° 17.40'	2489	Trillium 240	Q330	Digital	AZGS
UHP	Utah Highway Patrol Farmington, UT	EN[ZEN]	3	UU	40° 59.47'	111° 53.88'	1295	EpiSensor	Etna2	Digital	ANSS
UTH	Uintah Town Hall, Uintah, UT	EN[ZEN]	3	UU	41° 08.65'	111° 55.52'	1389	EpiSensor	Etna2	Digital	ANSS
UUE	University of Utah EMCB Bldg. Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.09'	111° 50.77'	1449	EpiSensor	Etna2	Digital	ANSS
V12A	Nelson, NV	HH[ZEN]	3	NN	35° 44.00'	114° 51.07'	1098	Trillium 120	Q330	Digital	UNR
VEC	Valley Emergency Communications Center West Valley City, UT	EN[ZEN]	3	UU	40° 39.21'	112° 01.95'	1480	EpiSensor	Basalt	Digital	ANSS
VNL	Vernal, UT	EN[ZEN]	3	UU	40° 27.48'	109° 32.89'	1648	EpiSensor	Obsidian	Digital	Utah
VRUT	Veyo Road, Veyo, UT	HH[ZEN]	3	UU	37° 27.71'	113° 51.41'	1874	Trillium 120	SMART-24	Digital	Utah
		EN[ZEN]	3					PA-23			

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
W13A	Hualapai Mountain Park, Kingman, AZ	HH[ZEN]	3	AE	35° 06.00'	113° 53.40'	1988	3T	Q330	Digital	AZGS
WBC	Weber Canyon, UT	EN[ZEN]	3	UU	41° 08.38'	111° 54.05'	1602	EpiSensor	Etna2	Digital	ANSS
WCF	Wellsville Fire Station, Wellsville, UT	EN[ZEN]	3	UU	41° 38.37'	111° 55.94'	1387	EpiSensor	Etna2	Digital	ANSS
WCO	Washington City Office Building, UT	EN[ZEN]	3	UU	37° 07.91'	113° 30.56'	837	EpiSensor	Etna2	Digital	Utah
WCU	Willow Creek, UT	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	EN[ZEN]	3	UU	37° 06.46'	113° 35.19'	831	PA-23	SMART-24	Digital	Utah
WES	Westminster College Salt Lake City, UT	EN[ZEN]	3	UU	40° 43.97'	111° 51.26'	1341	EpiSensor	Etna2	Digital	ANSS
WHS	West High School, SLC UT Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.51'	111° 53.93'	1301	EpiSensor	Etna2	Digital	ANSS
WMUT	West Mountain, UT	EHZ	1	UU	40° 04.60'	111° 50.00'	1981	L4C	PSN	Analog	USGS
		EHZ	1					EpiSensor	Basalt	Digital	
		EN[ZEN]	3								
WPUT	Wasatch Plateau, UT	HH[ZEN]	3	UU	38° 59.85'	111° 21.53'	2618	Trillium 120	Taurus	Digital	Utah
WRP	Water Reclamation Plant Salt Lake City, UT	EN[ZEN]	3	UU	40° 48.82'	111° 55.87'	1286	EpiSensor	Etna2	Digital	ANSS
WTNK	7433 Soaring Heights, NV	HH[ZEN]	3	NN	36° 11.50'	115° 00.64'	676	3ESP	ANSS-130	Digital	UNR
WTU	Western Traverse Mountains, UT	EH[ZEN]	3	UU	40° 27.29'	111° 57.21'	1552	S13	PSN	Analog	USGS
		EN[ZEN]	3					EpiSensor	Etna2	Digital	
WUAZ	Wupatki, AZ	BH[ZEN]	3	US	35° 31.01'	111° 22.43'	1592	*	*	Digital	USGS
WVUT	Wellsville, UT	EN[ZEN]	6	UU	41° 36.61'	111° 57.55'	1828	Titan	Centaur	Digital	USGS
YDC	Denny Creek, MT	EHZ	1	WY	44° 42.51'	111° 14.60'	2025	L4C	PSN	Analog	USGS
YDD	Grant Junction, Yellowstone, WY	HH[ZEN]	3	WY	44° 24.00'	110° 34.80'	2400	STS-2	Q330	Digital	USGS
		EN[ZEN]	3					EpiSensor			
YEE	East Entrance (YNP), WY	HH[ZEN]	3	WY	44° 29.12'	109° 53.81'	2270	Compact	Centaur	Digital	USGS
YFT	Old Faithful (YNP), WY	HH[ZEN]	3	WY	44° 27.05'	110° 50.24'	2292	Compact	Centaur	Digital	USGS
		EN[ZEN]	3					Titan			
YGC	Grayling Creek, MT	EHZ	1	WY	44° 47.77'	111° 06.45'	2075	L4C	PSN	Analog	USGS
YHB	Horse Butte, MT	EHZ	1	WY	44° 45.07'	111° 11.71'	2157	L4C	PSN	Analog	USGS
		HH[ZEN]	3					Compact	ANSS-130	Digital	
		EN[ZEN]	3								
YHH	Holmes Hill (YNP), WY	EHZ	1	WY	44° 47.30'	110° 51.03'	2717	S13	PSN	Analog	USGS
		HH[ZEN]	3					Trillium 120	Q330	Digital	
		EN[ZEN]	3								

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
YHL	Hebgen Lake, MT	HH[ZEN]	3	WY	44° 51.05'	111° 10.98'	2691	Trillium 120	Q330	Digital	USGS
		EN[ZEN]	3					Titan			
YHR	Hawk's Rest, WY	HH[ZEN]	3	WY	44° 06.36'	110° 04.90'	2976	Trillium 120	Q330	Digital	USGS
YJC	Joseph's Coat (YNP), WY	HH[ZEN]	3	WY	44° 45.33'	110° 20.95'	2684	Trillium 120	Centaur	Digital	USGS
YLA	Lake Butte (YNP), WY	EHZ	1	WY	44° 30.76'	110° 16.12'	2580	L4C	PSN	Analog	USGS
YLT	Little Thumb Creek (YNP), WY	EHZ	1	WY	44° 26.25'	110° 35.28'	2439	L4C	PSN	Analog	USGS
YMC	Maple Creek (YNP), WY	EH[ZEN]	3	WY	44° 45.53'	111° 00.41'	2073	S13	PSN	Analog	USGS
YML	Mary Lake (YNP), WY	EH[ZEN]	3	WY	44° 36.20'	110° 38.63'	2653	L4C	PSN	Analog	USGS
YMP	Mirror Plateau (YNP), WY	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	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	EHZ	1	WY	44° 15.84'	110° 31.67'	3106	L4C	PSN	Analog	USGS
YMV	Mammoth Vault (YNP), WY	HH[ZEN]	3	WY	44° 58.42'	110° 41.33'	1829	Trillium 120	Centaur	Digital	USGS
YNB	Norris Basin, YNP, WY, USA	HH[ZEN]	3	WY	44° 43.64'	110° 42.67'	2307	Trillium 120	Centaur	Digital	USGS
YNE	Northeast Entrance (YNP), WY	HH[ZEN]	3	WY	45° 00.46'	110° 00.48'	2343	Compact	ANSS-130	Digital	USGS
YNM	Norris Museum (YNP), WY	HH[ZEN]	3	WY	44° 43.59'	110° 42.22'	2311	Trillium 240	Centaur	Digital	USGS
YNR	Norris Junction (YNP), WY	HH[ZEN]	3	WY	44° 42.93'	110° 40.75'	2336	Trillium 120	Q330	Digital	USGS
		EN[ZEN]	3					Titan			
YPC	Pelican Cone (YNP), WY	EHZ	1	WY	44° 38.88'	110° 11.55'	2932	L4C	PSN	Analog	USGS
YPK	Parker Peak (YNP), WY	EH[ZEN]	3	WY	44° 43.91'	109° 55.32'	2897	L4C	PSN	Analog	USGS
YPM	Purple Mountain (YNP), WY	EHZ	1	WY	44° 39.43'	110° 52.12'	2582	L4C	PSN	Analog	USGS
YPP	Pitchstone Plateau (YNP), WY	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	EHZ	1	WY	44° 53.04'	110° 09.06'	2072	L4C	PSN	Analog	USGS
YTP	The Promontory (YNP), WY	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	HH[ZEN]	3	WY	44° 42.76'	110° 30.71'	2394	Trillium 120	Centaur	Digital	USGS
		EN[ZEN]	3					Titan			
YWB	West Boundary (YNP), WY	EHZ	1	WY	44° 36.35'	111° 06.05'	2310	L4C	PSN	Analog	USGS
ZNPU	Zion National Park, UT	HH[ZEN]	3	UU	37° 21.37'	113° 07.52'	1953	Trillium 120	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			

* Station operated by another agency and recorded as part of University of Utah regional seismic network
Network Statistics: 1,112 data channels from 322 stations were being recorded at the end of this report period

EXPLANATION OF TABLE

UURSN Code: Station code formerly used in routine processing. Because of 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>> 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/dms/nodes/dmc/services/network_codes>> 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 Seismic Network

IM	International Miscellaneous Stations
IU	IRIS/USGS Network; USGS Albuquerque Seismological Laboratory
IW	Intermountain West Network, U.S. Geological Survey
LB	Leo Brady Network; Sandia National Laboratory
MB	Montana Regional Seismic Network; Montana Bureau of Mines and Geology
NN	Western Great Basin Network; University of Nevada, Reno
NP	National Strong Motion Network; U.S. Geological Survey
PB	Plate Boundary Observatory
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.

Sensor	Description
L4, L4C	Mark Products L4 or L4C 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
STS-5A	Streckheisen STS-5A 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) Model 151 Observer broadband seismometer
R147	Refraction Technology (REF TEK) Model 147 accelerometer
IESE-S2	Institute of Earth Science and Engineering S-2 model borehole seismometer
Gsig-AC63	Geosig-AC63 NetQuakes accelerometer
Omni-2400	Geospace OMNI-2400
Silicon-ULN	Silicon Audio Ultra Low Noise
Digitizer	Description
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)
Gsig-GMS	Geosig-GMS NetQuakes (24-bit resolution field digitizer)
Centaur	Nanometrics Centaur (24-bit resolution field digitizer)
Obsidian	Kinometrics Obsidian (24-bit resolution field digitizer)
Etna2	Kinometrics Etna 2 (24-bit resolution field digitizer)

Telemetry	Description
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
NSF	National Science Foundation
PBO	Plate Boundary Observatory

NETWORK CHANGES DURING APRIL 1–JUNE 30, 2024

None