

EARTHQUAKE ACTIVITY IN THE UTAH REGION

Preliminary Epicenters

October 1 – December 31, 2019

Prepared by the University of Utah Seismograph Stations and funded by
the U.S. Geological Survey (Cooperative Agreement No. G15AC00028) and
by the State of Utah

March 31, 2020

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. $36^{\circ} 45' - 42^{\circ} 30'$ N, long. $108^{\circ} 45' - 114^{\circ} 15'$ 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 through 02:00 (2:00 a.m.) on November 3 and MST thereafter.
- 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

October 1 – December 31, 2019

by R. Burlacu, P. M. Roberson, J. M. Hale, B. Johnson, and M. Haynes
with contributions by
K. D. Koper, J. C. Pechmann, and K. L. Pankow

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

During the three-month period October 1, 2019, through December 31, 2019, the University of Utah Seismograph Stations (UUSS) located 446 earthquakes within the Utah region (Figure 1). The total includes one earthquake in the magnitude 3 range, and 39 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. Two earthquakes were reported felt during the report period (see Table 1, a cumulative tabulation of earthquakes during 2019 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 3.2 December 23 15:34 MST 19 mi NE of Lyman, WY

Other Notable Seismicity

During the report period, there were three 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 20 earthquakes ($0.4 \leq M \leq 2.2$) occurred about 14 mi WNW of Garland, UT. Seven of these events, including a magnitude 2.2 shock, occurred between October 20 and October 31.
- B. A cluster of 16 earthquakes ($0.8 \leq M \leq 2.5$) occurred about 13 mi WSW of Corinne, UT. Seven of these events, including a magnitude 2.5 shock, occurred between October 25 and October 30.
- C. A cluster of 60 earthquakes ($-0.9 \leq M \leq 1.9$) occurred about 11 mi NE of Milford, UT. 43 of these events occurred between October 13 and October 24.

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 44 located shocks ($0.6 \leq M \leq 2.1$) that occurred during the report period

Seismicity of the Utah Region October 1, 2019 - December 31, 2019

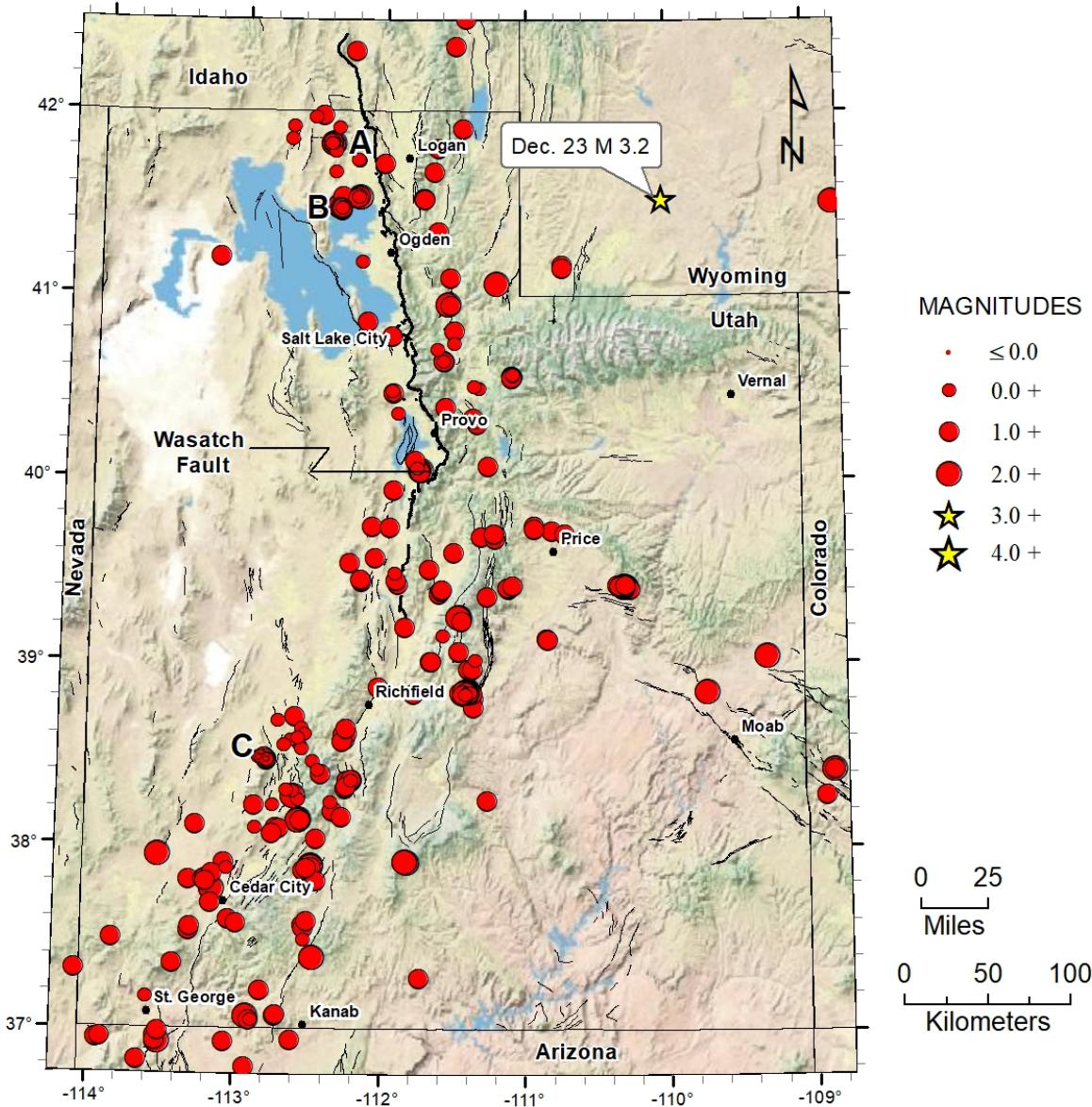


Figure 1. Earthquake epicenters, located by the University of Utah Seismograph Stations, superimposed on a map of Quaternary (geologically young) faults compiled by the Utah Geological Survey (black lines). The Wasatch fault is shown in bold. Earthquakes of magnitude 3.0 and larger are labeled by local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

Table 1
EARTHQUAKES FELT AND/OR GENERATING A SHAKEMAP IN THE UTAH REGION
January 1, 2019 to December 31, 2019

| Date | Time† | Felt Information‡ | Latitude | Longitude | Magnitude§ |
|----------------------------|------------------------|---|------------|-------------|--------------------|
| January 2 | 08:47 MST 15:47 UTC | Utah. <i>CIM</i> . Felt (II) at Joseph and Sevier, UT. | 38° 34.67' | 112° 15.55' | M _L 2.9 |
| January 8 January 9 | 18:46 MST 01:46 UTC | Utah. <i>CIM</i> . Felt (III) Saint George, UT. | 36° 56.30' | 113° 30.96' | M _L 3.1 |
| January 16 | 15:00 MST 22:00 UTC | Utah. <i>CIM</i> . <i>ShakeMap</i> . Felt (III) at Central, UT and (II) at Saint George, Ivins, Santa Clara, and Washington, UT. | 37° 29.68' | 113° 50.95' | M _L 3.8 |
| February 15 | 05:02 MST 12:02 UTC | Utah. <i>CIM</i> . <i>ShakeMap</i> . Felt (IV) at Riverton and Eagle Mountain, UT, (III) at Draper, Lehi, Herriman, and South Jordan, UT, and (II) at Midvale, Alpine, and West Jordan, UT. | 40° 27.85' | 111° 56.66' | M _L 3.2 |
| February 15 | 05:09 MST 12:09 UTC | Utah. <i>CIM</i> . <i>ShakeMap</i> . Felt (IV) at Riverton, Draper, Lehi, Herriman, and Eagle Mountain, UT, (III) at South Jordan, Saratoga Springs, and American Fork, UT, and (II) at Midvale, West Jordan, and Pleasant Grove, UT. | 40° 27.79' | 111° 56.88' | M _L 3.7 |
| February 16 | 15:05 MST 22:05 UTC | Utah. <i>CIM</i> . <i>ShakeMap</i> . Felt (II) at Filmore, UT. | 38° 43.92' | 112° 29.63' | M _L 3.3 |
| February 20 | 00:05 MST 07:05 UTC | Utah. <i>CIM</i> . <i>ShakeMap</i> . Felt (IV) at Filmore, UT, (III) at Richfield, UT, and (II) at Monroe, UT. | 38° 44.25' | 112° 29.79' | M _L 4.0 |
| February 20 February 21 | 20:08 MST 03:08 UTC | Utah. <i>CIM</i> . Felt (III) at Draper, Lehi, Herriman, and South Jordan, UT, and (II) at Riverton and Saratoga Springs, UT. | 40° 28.12' | 111° 56.61' | M _L 2.5 |

| Date | Time† | Felt Information‡ | Latitude | Longitude | Magnitude§ |
|----------------------|------------------------|---|------------|-------------|--------------------|
| February 23 | 02:31 MST 09:31 UTC | Utah. <i>CIM. ShakeMap.</i> Felt ((III) at Riverton, Draper, Lehi, Herriman, American Fork, and Salt Lake City, UT, and (II) at Orem and Magna, UT. | 40° 28.46' | 111° 56.98' | M _L 3.1 |
| February 24 | 01:31 MST 08:31 UTC | Utah. <i>CIM.</i> Felt ((III) at Cedar City, UT. | 37° 47.85' | 113° 07.77' | M _L 2.9 |
| March 3 | 09:10 MST 16:10 UTC | Utah. <i>CIM.</i> Felt ((II) at Saint George and Dammeron Valley, UT. | 37° 29.62' | 113° 50.96' | M _L 3.0 |
| March 4 | 10:22 MST 17:22 UTC | Utah. <i>CIM.</i> Felt ((III) at Moab and Blanding, UT and (II) at Thomson, UT. | 38° 16.82' | 108° 54.66' | M _w 4.5 |
| March 5 | 01:04 MST 08:04 UTC | Utah. <i>CIM.</i> Felt ((III) at Riverton, Draper, and Herriman, UT and (II) at Lehi, South Jordan, and American Fork, UT. | 40° 28.18' | 111° 56.62' | M _L 2.5 |
| March 15 March 16 | 23:28 MDT 05:28 UTC | Utah. <i>CIM.</i> Felt ((III) at Ferron, UT and (II) at Huntington, UT. | 39° 02.41' | 110° 56.51' | M _L 2.8 |
| April 9 April 10 | 22:32 MDT 04:32 UTC | Utah. <i>CIM.</i> Felt ((III) at Ferron and Huntington, UT. | 39° 03.33' | 110° 57.74' | M _L 3.2 |
| April 13 April 14 | 21:59 MDT 03:59 UTC | Utah. <i>ShakeMap.</i> | 38° 46.31' | 112° 45.89' | M _L 4.1 |
| April 20 | 05:33 MDT 11:33 UTC | Utah. <i>CIM.</i> Felt (III) at Wallsburg, Orem, and Heber City, UT and (II) at Midway and Pleasant Grove, UT. | 40° 26.02' | 111° 25.72' | M _L 2.6 |
| May 31 | 11:27 MDT 17:27 UTC | Utah. <i>CIM.</i> Felt (II) at Richfield, UT. | 38° 51.65' | 112° 04.28' | M _L 2.6 |
| June 30 | 17:43 MDT 23:43 UTC | Nevada. <i>CIM.</i> Felt (III) at Saint George, Veyo, and Dammeron Valley, UT. | 37° 47.83' | 114° 18.23' | M _L 4.3 |
| August 15 | 10:49 MDT 16:49 UTC | Utah. <i>CIM.</i> Felt (III) at Saint George, UT. | 36° 57.78' | 113° 31.01' | M _L 2.8 |

| Date | Time† | Felt Information‡ | Latitude | Longitude | Magnitude§ |
|--------------|------------------------|--|------------|-------------|--------------------|
| September 1 | 21:59 MDT | Utah. <i>CIIM. ShakeMap.</i> | 37° 11.22' | 112° 53.52' | M _L 3.0 |
| September 2 | 03:49 UTC | Felt (III) at Hurricane, UT and (II) at Orderville, UT. | | | |
| September 11 | 21:07 MDT | Utah. <i>CIIM. ShakeMap.</i> | 37° 52.74' | 112° 28.80' | M _L 2.9 |
| September 12 | 03:07 UTC | Felt (III) at Panguitch, UT. | | | |
| September 24 | 10:15 MDT 16:15 UTC | Utah. <i>CIIM. ShakeMap.</i> Felt (III) at Tremonton, Garland, Plymouth, Fielding, Snowville, Collinston, Deweyville, Honeyville, Corinne, and Smithfield, UT and (II) at Mendon, Brigham City, Wellsville, Logan, and Ogden, UT. | 41° 48.94' | 112° 23.38' | M _L 3.9 |
| October 4 | 17:44 MDT 23:44 UTC | Utah. <i>ShakeMap.</i> | 41° 31.31' | 110° 01.58' | M _L 3.2 |
| November 13 | 21:15 MST | Utah. <i>CIIM.</i> Felt (III) at Honeyville, UT and (II) at Corinne and Garland, UT. | 41° 31.93' | 112° 11.38' | M _L 2.5 |
| November 14 | 04:15 UTC | | | | |

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

? Indicates on-line reports that appear questionable given the distance from the source

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

§ Richter local magnitude (M_L) or 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

December 31, 2019

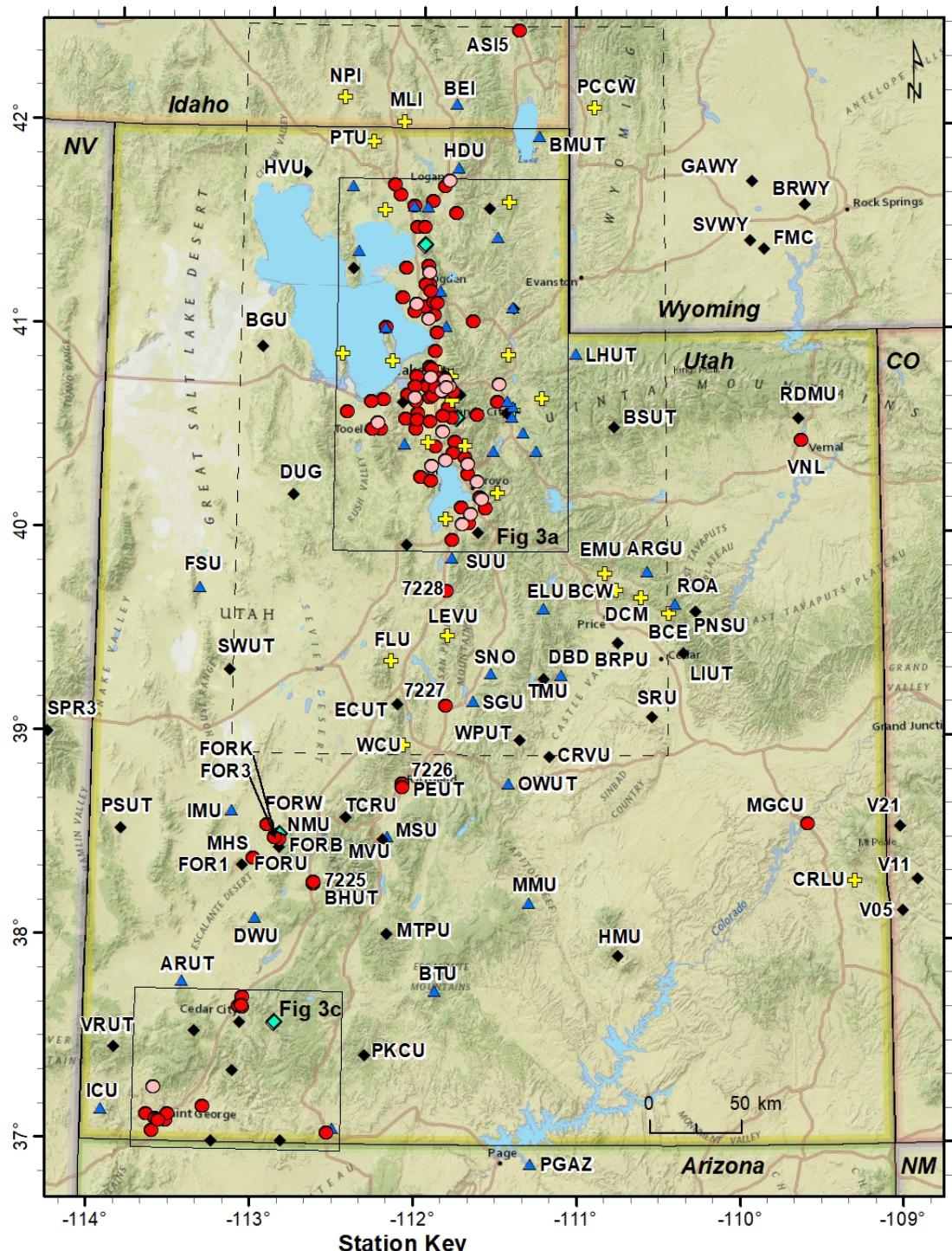


Figure 2

Utah Urban Seismic Network (December 31, 2019)

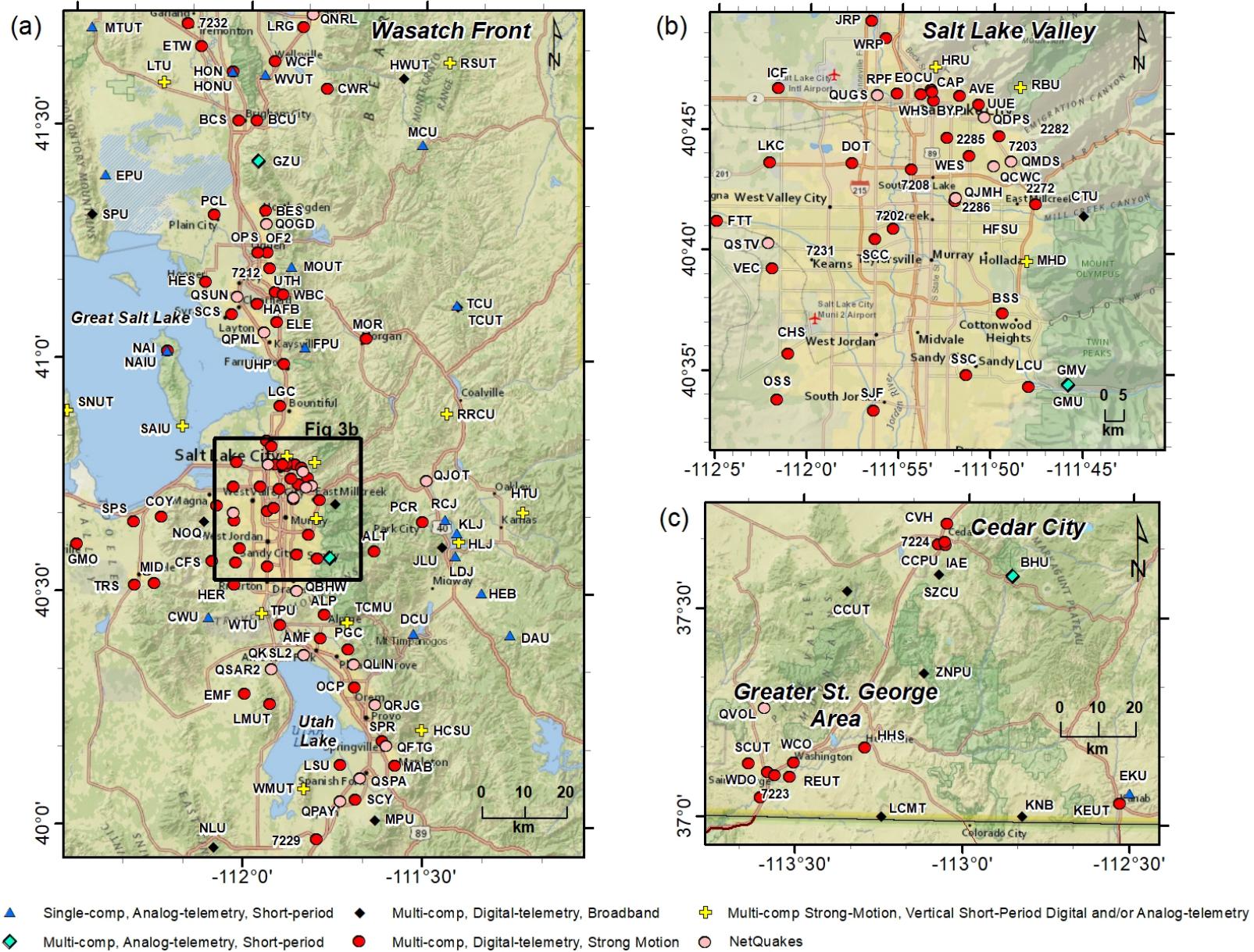


Figure 3

Table 2. Earthquakes in the Utah Region: October 1–December 31, 2019

| DATE | ORIGIN TIME | LATITUDE | LONGITUDE | DEPTH | MAG | NO | GAP | DMN | RMS |
|--------|-------------|------------|-------------|-------|------|----|-----|-----|------|
| 191001 | 01:18:31.04 | 36° 55.69' | 113° 31.30' | 5.9* | 1.4W | 13 | 212 | 15 | 0.19 |
| 191001 | 01:22:26.74 | 36° 58.85' | 113° 30.23' | 8.8 | 1.4 | 11 | 204 | 12 | 0.11 |
| 191001 | 02:43:51.97 | 41° 49.41' | 112° 24.05' | 1.3* | 0.4 | 11 | 83 | 13 | 0.12 |
| 191001 | 09:14:48.19 | 38° 50.08' | 111° 23.33' | -1.8 | 0.9W | 11 | 140 | 7 | 0.17 |
| 191001 | 10:47:01.61 | 41° 49.13' | 112° 24.13' | 0.6* | 0.5 | 11 | 83 | 14 | 0.16 |
| 191001 | 14:27:20.03 | 36° 57.28' | 113° 31.52' | 2.2* | 1.7W | 13 | 208 | 26 | 0.23 |
| 191002 | 02:04:25.90 | 38° 36.13' | 112° 16.33' | 10.4 | 1.4 | 14 | 103 | 15 | 0.07 |
| 191002 | 10:08:15.21 | 40° 44.54' | 112° 02.32' | 6.2 | 0.8 | 16 | 88 | 12 | 0.17 |
| 191002 | 10:10:56.88 | 40° 44.75' | 112° 02.20' | 8.5 | 0.9 | 14 | 94 | 13 | 0.06 |
| 191002 | 13:17:53.53 | 41° 49.59' | 112° 23.84' | 2.2* | 0.8 | 9 | 84 | 13 | 0.07 |
| 191002 | 17:49:29.39 | 41° 50.14' | 112° 24.65' | 2.8* | 0.6 | 7 | 136 | 13 | 0.03 |
| 191002 | 19:05:43.06 | 41° 49.46' | 112° 23.60' | 5.3* | 0.9 | 13 | 82 | 13 | 0.11 |
| 191002 | 19:11:54.82 | 41° 49.54' | 112° 23.91' | 4.4* | 1.1 | 14 | 84 | 13 | 0.12 |
| 191003 | 03:10:59.59 | 38° 49.49' | 111° 26.33' | 2.8 | 1.2 | 8 | 121 | 5 | 0.21 |
| 191003 | 08:32:05.59 | 39° 00.16' | 111° 40.11' | 20.4 | 1.6W | 20 | 59 | 20 | 0.15 |
| 191003 | 12:11:59.45 | 38° 50.05' | 111° 23.71' | -0.6 | 1.1W | 12 | 82 | 7 | 0.11 |
| 191003 | 13:12:22.77 | 38° 24.60' | 108° 51.66' | 6.2 | 2.0 | 13 | 132 | 12 | 0.09 |
| 191003 | 13:21:07.71 | 38° 24.44' | 108° 51.42' | 5.5* | 1.3 | 10 | 133 | 12 | 0.12 |
| 191004 | 23:44:14.71 | 38° 08.35' | 112° 33.82' | 7.4* | 2.9W | 26 | 50 | 17 | 0.19 |
| 191005 | 00:38:39.00 | 38° 08.23' | 112° 33.55' | 6.4* | 1.9W | 19 | 97 | 35 | 0.29 |
| 191005 | 14:12:09.88 | 41° 49.06' | 112° 23.00' | 6.8 | 1.5W | 18 | 81 | 13 | 0.08 |
| 191006 | 10:35:56.90 | 38° 08.04' | 112° 34.24' | 10.8 | 2.1W | 27 | 50 | 17 | 0.22 |
| 191006 | 14:49:05.38 | 38° 34.21' | 112° 37.84' | 3.7* | 0.5 | 11 | 181 | 17 | 0.06 |
| 191006 | 20:13:36.71 | 38° 50.49' | 111° 23.92' | -2.0 | 1.2W | 9 | 130 | 7 | 0.15 |
| 191007 | 19:44:13.50 | 39° 29.04' | 111° 55.15' | 11.3 | 0.9 | 11 | 131 | 9 | 0.15 |
| 191008 | 07:47:57.17 | 39° 26.28' | 112° 09.02' | 8.4 | 1.6W | 14 | 79 | 7 | 0.13 |
| 191008 | 09:54:07.08 | 39° 23.77' | 111° 35.42' | 13.2 | 1.1 | 12 | 86 | 23 | 0.15 |
| 191008 | 23:25:49.00 | 39° 11.45' | 111° 50.82' | 6.0* | 1.2W | 8 | 105 | 33 | 0.14 |
| 191009 | 06:56:59.03 | 38° 06.46' | 113° 16.94' | 13.7 | 1.0 | 11 | 112 | 25 | 0.13 |
| 191009 | 17:03:22.96 | 41° 27.57' | 112° 19.61' | 0.2 | 1.3 | 11 | 108 | 10 | 0.15 |
| 191009 | 17:19:45.57 | 41° 27.99' | 112° 19.95' | 0.4 | 1.1W | 15 | 93 | 10 | 0.16 |
| 191009 | 20:44:28.31 | 39° 23.78' | 110° 18.33' | -2.6 | 1.6 | 7 | 200 | 4 | 0.08 |
| 191009 | 21:44:17.92 | 39° 26.84' | 112° 09.54' | 6.2 | 1.0 | 8 | 98 | 8 | 0.10 |
| 191010 | 01:24:04.89 | 41° 32.15' | 112° 18.85' | 2.5 | 1.9W | 19 | 84 | 8 | 0.13 |
| 191010 | 04:16:37.64 | 39° 24.57' | 110° 18.66' | -1.2 | 2.1W | 16 | 121 | 2 | 0.14 |
| 191011 | 09:23:43.98 | 42° 21.15' | 111° 30.34' | 2.5* | 1.4 | 8 | 147 | 35 | 0.19 |
| 191011 | 16:38:07.62 | 41° 47.88' | 111° 37.79' | 10.6 | 1.0 | 7 | 119 | 11 | 0.02 |
| 191011 | 21:35:12.95 | 38° 38.19' | 112° 33.38' | 1.5 | 0.6 | 12 | 164 | 10 | 0.07 |
| 191013 | 09:40:45.26 | 38° 28.85' | 112° 50.52' | 0.2 | -2 | 10 | 224 | 3 | 0.09 |
| 191013 | 17:36:37.66 | 39° 14.65' | 111° 28.18' | 2.8 | 2.6W | 35 | 45 | 10 | 0.18 |
| 191014 | 01:33:08.01 | 38° 01.95' | 112° 26.85' | 4.8* | 1.6W | 14 | 87 | 23 | 0.27 |
| 191014 | 06:16:44.76 | 39° 25.03' | 110° 20.69' | -1.5 | 1.3W | 10 | 107 | 2 | 0.08 |
| 191014 | 08:51:29.96 | 39° 21.35' | 111° 16.36' | -0.4 | 1.4 | 6 | 194 | 9 | 0.06 |
| 191014 | 11:37:16.16 | 39° 14.73' | 111° 27.91' | -1.2 | 2.7W | 26 | 61 | 10 | 0.17 |
| 191014 | 20:27:24.91 | 37° 48.05' | 113° 12.26' | 11.6 | 1.4 | 15 | 119 | 21 | 0.17 |

Table 2. Earthquakes in the Utah Region: October 1–December 31, 2019

| DATE | ORIGIN TIME | LATITUDE | LONGITUDE | DEPTH | MAG | NO | GAP | DMN | RMS |
|--------|-------------|------------|-------------|-------|------|----|-----|-----|------|
| 191014 | 21:48:29.67 | 39° 24.40' | 110° 17.97' | -3.1 | 1.6W | 9 | 222 | 3 | 0.10 |
| 191015 | 04:50:13.78 | 38° 49.35' | 111° 23.07' | 0.0 | 1.5 | 9 | 150 | 6 | 0.21 |
| 191015 | 05:28:33.08 | 36° 56.73' | 113° 53.76' | 10.6* | 1.0 | 6 | 213 | 23 | 0.05 |
| 191015 | 13:52:42.38 | 38° 49.30' | 111° 23.73' | 2.0 | 1.4 | 10 | 161 | 5 | 0.15 |
| 191015 | 15:06:00.81 | 38° 49.70' | 111° 23.93' | 1.0 | 1.5W | 10 | 151 | 6 | 0.08 |
| 191015 | 15:28:20.62 | 38° 49.85' | 111° 24.79' | 0.6 | 1.1W | 12 | 95 | 6 | 0.21 |
| 191015 | 15:50:19.11 | 38° 49.97' | 111° 23.57' | -0.4 | 1.5W | 10 | 85 | 6 | 0.10 |
| 191016 | 00:53:27.79 | 38° 49.80' | 111° 23.61' | 0.5 | 1.6W | 18 | 94 | 6 | 0.19 |
| 191016 | 00:58:38.32 | 38° 49.56' | 111° 24.00' | 1.8 | 1.6W | 16 | 83 | 6 | 0.16 |
| 191016 | 02:07:15.94 | 38° 50.18' | 111° 24.18' | -0.5 | 1.3W | 11 | 82 | 7 | 0.13 |
| 191016 | 07:23:32.29 | 40° 46.42' | 111° 57.22' | 6.4 | 1.0W | 24 | 59 | 5 | 0.15 |
| 191016 | 11:48:03.61 | 38° 49.40' | 111° 23.69' | 3.1 | 1.5 | 6 | 169 | 5 | 0.04 |
| 191016 | 14:22:49.22 | 38° 05.63' | 112° 43.68' | 9.2* | 1.7W | 17 | 73 | 24 | 0.18 |
| 191016 | 15:45:09.39 | 37° 23.46' | 112° 27.90' | -3.2* | 2.0W | 13 | 87 | 15 | 0.20 |
| 191016 | 16:42:58.09 | 40° 33.06' | 111° 05.89' | 6.8* | 1.5W | 20 | 126 | 17 | 0.16 |
| 191016 | 17:39:14.13 | 38° 49.04' | 111° 22.81' | 0.6 | 1.9 | 8 | 157 | 6 | 0.21 |
| 191016 | 21:29:27.88 | 38° 14.93' | 111° 16.12' | 6.0* | 1.7 | 15 | 95 | 58 | 0.11 |
| 191016 | 23:29:48.92 | 41° 09.81' | 110° 44.57' | 20.3 | 1.9W | 18 | 85 | 37 | 0.16 |
| 191017 | 02:12:13.13 | 38° 50.11' | 111° 23.87' | -0.3 | 1.4W | 8 | 83 | 7 | 0.09 |
| 191017 | 02:16:19.81 | 38° 49.96' | 111° 25.43' | 1.5 | 1.6 | 12 | 111 | 6 | 0.21 |
| 191017 | 03:14:53.64 | 39° 01.92' | 109° 18.60' | 6.4* | 2.4W | 20 | 143 | 60 | 0.13 |
| 191017 | 08:03:49.84 | 41° 57.97' | 112° 31.04' | -1.8* | 0.9 | 8 | 133 | 16 | 0.07 |
| 191017 | 09:55:07.00 | 38° 28.92' | 112° 50.36' | 0.1 | -.4 | 13 | 230 | 3 | 0.08 |
| 191017 | 09:55:23.83 | 38° 28.85' | 112° 50.90' | 0.1 | *** | 7 | 258 | 3 | 0.09 |
| 191017 | 09:55:44.79 | 38° 29.17' | 112° 50.80' | -1.0 | -.6 | 11 | 207 | 2 | 0.10 |
| 191017 | 09:56:11.28 | 38° 28.89' | 112° 51.02' | -0.1 | *** | 7 | 252 | 2 | 0.09 |
| 191017 | 13:26:06.59 | 38° 57.60' | 111° 23.95' | -1.1 | 1.4 | 5 | 133 | 5 | 0.02 |
| 191017 | 15:01:51.86 | 39° 25.30' | 110° 21.18' | -2.0 | 1.5 | 7 | 121 | 2 | 0.07 |
| 191017 | 15:51:05.29 | 39° 56.05' | 111° 56.12' | 0.7* | 1.1 | 11 | 96 | 12 | 0.08 |
| 191017 | 23:35:46.40 | 41° 08.69' | 110° 44.63' | 24.5 | 1.6 | 16 | 60 | 35 | 0.20 |
| 191018 | 02:06:50.06 | 37° 48.58' | 113° 13.15' | 2.7* | 1.6 | 14 | 86 | 20 | 0.26 |
| 191018 | 08:29:28.09 | 38° 18.55' | 112° 15.04' | 4.9* | 1.5W | 21 | 110 | 30 | 0.13 |
| 191018 | 08:31:02.62 | 39° 07.44' | 110° 50.59' | 5.7* | 1.4 | 8 | 140 | 28 | 0.17 |
| 191018 | 10:55:38.55 | 36° 56.31' | 113° 55.52' | -1.3* | 1.9 | 12 | 214 | 23 | 0.32 |
| 191018 | 12:17:23.96 | 38° 19.34' | 112° 14.74' | 4.0* | 1.0 | 13 | 111 | 32 | 0.18 |
| 191018 | 19:33:23.73 | 41° 46.77' | 112° 22.53' | 7.5 | 0.8 | 9 | 116 | 14 | 0.07 |
| 191018 | 21:24:20.03 | 38° 47.81' | 111° 22.89' | 4.9 | 1.8 | 6 | 179 | 4 | 0.32 |
| 191019 | 14:28:16.98 | 41° 54.84' | 112° 40.75' | 5.9* | 0.7 | 6 | 178 | 17 | 0.05 |
| 191019 | 20:37:01.91 | 38° 49.68' | 111° 22.34' | -1.2 | 1.3W | 9 | 154 | 7 | 0.10 |
| 191019 | 21:06:04.99 | 38° 49.41' | 111° 22.93' | 0.2 | 1.5W | 15 | 151 | 6 | 0.16 |
| 191019 | 21:53:41.82 | 38° 50.29' | 111° 25.05' | 2.6 | 1.3 | 7 | 148 | 6 | 0.29 |
| 191019 | 22:05:30.88 | 38° 49.17' | 111° 23.36' | 1.0 | 1.7 | 14 | 149 | 5 | 0.20 |
| 191020 | 08:24:32.26 | 36° 55.52' | 113° 03.55' | 23.9 | 1.8W | 10 | 225 | 19 | 0.07 |
| 191020 | 10:24:37.76 | 38° 49.66' | 111° 23.70' | 1.1 | 1.4 | 6 | 163 | 6 | 0.07 |
| 191020 | 16:09:45.63 | 38° 27.85' | 112° 48.03' | 0.3 | -.5 | 15 | 284 | 5 | 0.09 |

Table 2. Earthquakes in the Utah Region: October 1–December 31, 2019

| DATE | ORIGIN TIME | LATITUDE | LONGITUDE | DEPTH | MAG | NO | GAP | DMN | RMS |
|--------|-------------|------------|-------------|-------|------|----|-----|-----|------|
| 191020 | 17:25:37.78 | 38° 27.90' | 112° 47.51' | 2.4 | 0.4 | 10 | 188 | 6 | 0.06 |
| 191020 | 21:21:22.18 | 41° 49.27' | 112° 23.74' | 3.6* | 1.5W | 20 | 83 | 13 | 0.14 |
| 191020 | 21:57:57.71 | 41° 50.13' | 112° 24.36' | 5.1* | 0.4 | 7 | 133 | 12 | 0.17 |
| 191020 | 22:26:40.48 | 38° 28.51' | 112° 46.94' | 0.2 | -.1 | 10 | 299 | 7 | 0.12 |
| 191020 | 23:07:11.68 | 38° 27.64' | 112° 47.59' | 3.2 | 1.3 | 9 | 188 | 6 | 0.05 |
| 191021 | 00:02:47.33 | 38° 28.14' | 112° 47.08' | 1.2 | -.2 | 12 | 187 | 7 | 0.04 |
| 191021 | 00:51:07.61 | 41° 49.18' | 112° 23.68' | 6.6 | 1.7W | 23 | 82 | 13 | 0.13 |
| 191021 | 12:05:47.21 | 37° 51.70' | 112° 31.87' | 7.4* | 1.5 | 17 | 81 | 36 | 0.21 |
| 191021 | 19:38:09.99 | 38° 28.20' | 112° 48.32' | 2.7 | -.3 | 11 | 284 | 5 | 0.07 |
| 191021 | 19:48:56.62 | 40° 33.13' | 111° 06.18' | 5.0* | 1.2 | 12 | 126 | 17 | 0.16 |
| 191021 | 20:02:08.83 | 38° 28.03' | 112° 47.91' | 4.9 | 1.1 | 13 | 117 | 6 | 0.05 |
| 191022 | 00:48:27.09 | 39° 25.50' | 111° 53.93' | 14.1 | 1.7W | 23 | 88 | 12 | 0.16 |
| 191022 | 00:49:06.95 | 39° 26.54' | 111° 54.94' | 12.0 | 1.4 | 9 | 94 | 11 | 0.09 |
| 191022 | 04:21:33.48 | 38° 28.02' | 112° 47.18' | 0.5 | 0.3 | 11 | 188 | 7 | 0.05 |
| 191022 | 04:50:59.31 | 38° 27.99' | 112° 47.41' | 0.6 | 0.1 | 12 | 187 | 6 | 0.05 |
| 191022 | 06:19:52.22 | 38° 27.57' | 112° 47.72' | 3.6 | 0.2 | 17 | 97 | 6 | 0.09 |
| 191022 | 06:20:38.87 | 38° 28.01' | 112° 47.87' | 3.8 | *** | 12 | 186 | 6 | 0.07 |
| 191022 | 06:20:40.07 | 38° 27.67' | 112° 48.06' | 4.5 | 0.8 | 13 | 95 | 5 | 0.23 |
| 191022 | 06:21:31.71 | 38° 28.12' | 112° 47.29' | 0.0 | -.7 | 10 | 199 | 6 | 0.05 |
| 191022 | 06:22:15.26 | 38° 28.04' | 112° 47.72' | 3.0 | 0.4 | 14 | 103 | 6 | 0.10 |
| 191022 | 06:29:21.22 | 38° 27.94' | 112° 47.76' | 3.5 | 0.4 | 13 | 142 | 6 | 0.08 |
| 191022 | 06:35:25.70 | 38° 28.13' | 112° 47.74' | 3.1 | 0.1 | 12 | 185 | 6 | 0.03 |
| 191022 | 06:42:18.45 | 38° 27.92' | 112° 47.92' | 4.2 | 0.9 | 13 | 142 | 6 | 0.04 |
| 191022 | 08:50:35.19 | 38° 50.03' | 111° 24.80' | 1.6 | 1.5 | 7 | 185 | 6 | 0.08 |
| 191022 | 09:28:12.68 | 38° 28.11' | 112° 47.33' | 0.1 | -.5 | 10 | 293 | 6 | 0.06 |
| 191022 | 09:48:27.00 | 38° 50.24' | 111° 26.08' | 3.7 | 1.2 | 9 | 209 | 6 | 0.09 |
| 191022 | 12:05:15.93 | 38° 28.20' | 112° 47.56' | 1.2 | -.7 | 10 | 248 | 6 | 0.02 |
| 191022 | 12:50:32.88 | 38° 27.94' | 112° 47.53' | 1.8 | -.2 | 10 | 187 | 6 | 0.06 |
| 191022 | 13:07:23.12 | 38° 27.88' | 112° 47.59' | 2.7 | 0.5 | 11 | 144 | 6 | 0.07 |
| 191022 | 13:23:13.70 | 38° 28.06' | 112° 47.90' | 3.6 | 0.5 | 14 | 142 | 6 | 0.04 |
| 191022 | 14:09:18.92 | 38° 50.11' | 111° 24.57' | 0.1 | 1.5 | 9 | 155 | 6 | 0.10 |
| 191022 | 14:11:39.56 | 38° 50.10' | 111° 24.47' | 0.3 | 1.6W | 21 | 85 | 6 | 0.18 |
| 191022 | 15:05:16.17 | 38° 50.40' | 111° 24.69' | -0.4 | 1.0W | 9 | 156 | 7 | 0.12 |
| 191022 | 15:10:43.62 | 38° 50.30' | 111° 24.72' | 0.1 | 1.4W | 10 | 121 | 7 | 0.13 |
| 191022 | 15:24:19.58 | 38° 50.22' | 111° 24.04' | 0.0 | 1.8 | 8 | 152 | 7 | 0.10 |
| 191022 | 15:40:55.73 | 38° 50.13' | 111° 24.23' | -0.4 | 0.9 | 7 | 154 | 6 | 0.06 |
| 191022 | 18:38:55.86 | 38° 49.82' | 111° 24.55' | 1.9 | 1.4W | 12 | 155 | 6 | 0.09 |
| 191022 | 23:26:00.90 | 38° 50.47' | 111° 24.18' | -0.7 | 1.4W | 13 | 127 | 7 | 0.13 |
| 191022 | 23:35:18.19 | 38° 50.16' | 111° 24.36' | -0.4 | 1.2 | 7 | 154 | 6 | 0.12 |
| 191023 | 02:06:11.77 | 38° 49.25' | 111° 24.98' | 5.8 | 1.5 | 6 | 186 | 5 | 0.03 |
| 191023 | 02:24:54.34 | 38° 49.31' | 111° 23.77' | 4.7 | 1.2 | 6 | 142 | 5 | 0.20 |
| 191023 | 03:02:10.95 | 38° 51.03' | 111° 25.43' | -2.2 | 1.4 | 7 | 116 | 8 | 0.11 |
| 191023 | 07:25:47.08 | 38° 27.87' | 112° 47.46' | 0.5 | -.3 | 11 | 188 | 6 | 0.05 |
| 191023 | 07:26:05.19 | 38° 27.71' | 112° 47.56' | 2.4 | 0.4 | 13 | 118 | 6 | 0.07 |
| 191023 | 07:26:17.36 | 38° 27.61' | 112° 47.04' | 0.5 | 0.1 | 12 | 190 | 7 | 0.10 |

Table 2. Earthquakes in the Utah Region: October 1–December 31, 2019

| DATE | ORIGIN TIME | LATITUDE | LONGITUDE | DEPTH | MAG | NO | GAP | DMN | RMS |
|--------|-------------|------------|-------------|-------|------|----|-----|-----|------|
| 191023 | 07:27:36.91 | 38° 27.85' | 112° 47.41' | 0.9 | -.2 | 12 | 188 | 6 | 0.05 |
| 191023 | 07:30:31.24 | 38° 27.98' | 112° 47.54' | 1.0 | -.3 | 9 | 186 | 6 | 0.05 |
| 191023 | 07:31:56.12 | 38° 28.01' | 112° 47.43' | 1.1 | -.2 | 10 | 186 | 6 | 0.05 |
| 191023 | 07:35:26.59 | 38° 27.65' | 112° 47.62' | 2.4 | 1.3 | 18 | 99 | 6 | 0.09 |
| 191023 | 07:40:59.15 | 38° 27.92' | 112° 47.46' | 0.1 | -.1 | 14 | 188 | 6 | 0.07 |
| 191023 | 07:52:41.33 | 38° 27.39' | 112° 47.12' | 1.2 | 0.2 | 12 | 192 | 7 | 0.10 |
| 191023 | 08:03:32.25 | 38° 28.12' | 112° 47.58' | 1.9 | -.4 | 11 | 198 | 6 | 0.06 |
| 191023 | 08:08:01.92 | 38° 27.97' | 112° 47.48' | 1.8 | -.3 | 11 | 187 | 6 | 0.05 |
| 191023 | 11:28:47.59 | 38° 28.13' | 112° 47.66' | 0.1 | -.3 | 12 | 198 | 6 | 0.06 |
| 191023 | 14:39:23.06 | 38° 49.70' | 111° 23.61' | 0.6 | 1.7W | 20 | 100 | 6 | 0.16 |
| 191023 | 16:28:44.07 | 37° 34.48' | 112° 59.42' | 8.6 | 1.4 | 12 | 135 | 9 | 0.06 |
| 191023 | 16:42:07.47 | 41° 40.07' | 111° 39.61' | 7.3 | 1.8W | 22 | 58 | 10 | 0.17 |
| 191023 | 19:17:08.03 | 38° 27.82' | 112° 47.39' | 0.3 | -.2 | 11 | 290 | 6 | 0.07 |
| 191023 | 21:11:14.80 | 38° 27.66' | 112° 47.70' | 2.8 | 0.0 | 12 | 286 | 6 | 0.08 |
| 191023 | 23:24:36.71 | 38° 28.04' | 112° 48.06' | 4.3 | 0.0 | 11 | 198 | 5 | 0.06 |
| 191024 | 03:04:15.27 | 38° 49.31' | 111° 24.56' | 6.0 | 1.7 | 6 | 176 | 5 | 0.03 |
| 191024 | 03:06:47.50 | 38° 49.72' | 111° 24.82' | 2.1 | 1.8 | 6 | 184 | 5 | 0.08 |
| 191024 | 03:11:13.57 | 38° 49.74' | 111° 24.78' | 1.6 | 1.4 | 6 | 184 | 6 | 0.08 |
| 191024 | 03:57:14.64 | 38° 27.92' | 112° 47.45' | 1.6 | 0.4 | 14 | 188 | 6 | 0.07 |
| 191024 | 04:45:26.27 | 37° 50.47' | 113° 09.36' | 3.8* | 1.5 | 8 | 136 | 26 | 0.18 |
| 191024 | 05:00:01.53 | 37° 33.19' | 113° 18.22' | 5.6 | 1.3W | 7 | 100 | 5 | 0.18 |
| 191024 | 07:27:23.43 | 37° 31.91' | 113° 18.69' | 4.8 | 1.5W | 15 | 88 | 5 | 0.10 |
| 191025 | 04:40:19.75 | 38° 50.02' | 111° 24.65' | 0.6 | 1.7W | 16 | 124 | 6 | 0.12 |
| 191025 | 07:33:21.61 | 39° 23.24' | 111° 35.77' | 11.2* | 1.3W | 15 | 69 | 23 | 0.19 |
| 191025 | 12:00:35.36 | 38° 32.83' | 112° 40.77' | 5.3* | 0.4 | 11 | 172 | 15 | 0.06 |
| 191025 | 12:06:21.92 | 41° 28.28' | 112° 19.85' | 0.4* | 1.3 | 16 | 96 | 11 | 0.13 |
| 191025 | 13:06:04.21 | 41° 28.56' | 112° 18.99' | 0.1* | 0.9 | 12 | 107 | 12 | 0.26 |
| 191025 | 21:26:37.18 | 41° 28.44' | 112° 20.14' | 0.4* | 1.5 | 14 | 93 | 11 | 0.14 |
| 191025 | 21:31:00.79 | 37° 04.10' | 112° 42.92' | 16.5 | 1.7 | 10 | 88 | 11 | 0.11 |
| 191025 | 21:43:49.67 | 41° 28.70' | 112° 20.26' | 1.6* | 2.5W | 39 | 89 | 11 | 0.17 |
| 191025 | 22:06:25.66 | 38° 49.41' | 111° 24.79' | 4.6 | 1.4 | 9 | 182 | 5 | 0.27 |
| 191025 | 22:27:03.57 | 38° 49.69' | 111° 24.76' | 1.7 | 1.5 | 7 | 182 | 5 | 0.08 |
| 191026 | 03:39:41.53 | 38° 50.09' | 111° 24.09' | -0.2 | 1.8 | 11 | 133 | 6 | 0.06 |
| 191026 | 10:04:52.61 | 38° 48.94' | 111° 23.35' | 1.6 | 1.8 | 9 | 152 | 5 | 0.24 |
| 191026 | 15:19:01.51 | 37° 04.40' | 112° 42.69' | 14.2 | 1.1W | 14 | 86 | 12 | 0.14 |
| 191027 | 02:57:02.94 | 38° 49.26' | 111° 25.20' | 4.5 | 0.9W | 8 | 191 | 5 | 0.08 |
| 191027 | 04:40:58.26 | 38° 48.07' | 111° 21.84' | 2.7 | 1.5 | 7 | 182 | 6 | 0.06 |
| 191027 | 05:29:41.65 | 41° 28.31' | 112° 19.99' | -0.4* | 1.7W | 19 | 90 | 11 | 0.17 |
| 191027 | 07:22:02.98 | 38° 45.21' | 111° 21.77' | 3.2 | 1.3 | 5 | 239 | 6 | 0.21 |
| 191027 | 13:59:59.78 | 39° 44.23' | 112° 04.90' | 0.3* | 1.9W | 23 | 75 | 24 | 0.32 |
| 191027 | 16:20:13.63 | 41° 49.39' | 112° 23.49' | 4.5* | 1.4 | 10 | 82 | 13 | 0.10 |
| 191027 | 20:14:06.55 | 38° 49.81' | 111° 23.73' | -0.3 | 1.5W | 13 | 137 | 6 | 0.15 |
| 191027 | 22:42:03.43 | 41° 49.31' | 112° 23.48' | 6.6 | 2.2W | 30 | 82 | 13 | 0.12 |
| 191027 | 23:23:37.36 | 39° 34.13' | 112° 03.35' | 5.3* | 1.2 | 12 | 73 | 22 | 0.25 |
| 191028 | 14:08:21.96 | 41° 49.22' | 112° 23.67' | 0.5* | 0.5 | 12 | 82 | 13 | 0.08 |

Table 2. Earthquakes in the Utah Region: October 1–December 31, 2019

| DATE | ORIGIN TIME | LATITUDE | LONGITUDE | DEPTH | MAG | NO | GAP | DMN | RMS |
|--------|-------------|------------|-------------|-------|------|----|-----|-----|------|
| 191028 | 22:22:28.80 | 38° 50.28' | 111° 24.33' | -0.2 | 2.5W | 22 | 126 | 7 | 0.21 |
| 191029 | 00:04:58.27 | 38° 50.08' | 111° 24.27' | -0.7 | 1.9 | 11 | 129 | 6 | 0.15 |
| 191029 | 00:23:59.31 | 38° 50.22' | 111° 24.71' | -0.2 | 1.2W | 11 | 122 | 6 | 0.08 |
| 191029 | 03:57:51.63 | 38° 49.60' | 111° 25.62' | 4.2 | 1.4W | 8 | 201 | 5 | 0.11 |
| 191029 | 04:49:39.08 | 38° 50.78' | 111° 24.13' | -2.2 | 2.1W | 20 | 88 | 8 | 0.16 |
| 191029 | 04:52:59.04 | 38° 49.82' | 111° 24.96' | 1.6 | 1.8W | 14 | 120 | 6 | 0.13 |
| 191029 | 04:58:42.92 | 38° 49.78' | 111° 25.44' | 3.1 | 1.9 | 5 | 197 | 6 | 0.03 |
| 191029 | 05:46:56.38 | 38° 50.09' | 111° 24.07' | -0.3 | 1.3W | 10 | 152 | 6 | 0.17 |
| 191029 | 06:50:04.96 | 38° 49.78' | 111° 24.89' | 4.4 | 1.9 | 6 | 186 | 6 | 0.17 |
| 191029 | 08:13:19.76 | 38° 49.87' | 111° 26.26' | 1.5 | 1.5 | 10 | 170 | 6 | 0.15 |
| 191029 | 09:45:50.90 | 38° 23.13' | 112° 25.40' | 6.0* | 1.1 | 7 | 273 | 25 | 0.11 |
| 191029 | 11:52:59.05 | 38° 49.62' | 111° 25.12' | 3.8 | 1.4 | 5 | 190 | 5 | 0.02 |
| 191029 | 15:00:13.12 | 39° 22.88' | 111° 36.20' | 8.7* | 1.7W | 23 | 81 | 23 | 0.19 |
| 191029 | 16:55:56.96 | 38° 49.80' | 111° 25.03' | 2.6 | 1.7 | 7 | 189 | 6 | 0.09 |
| 191029 | 18:52:30.46 | 39° 43.43' | 110° 56.27' | 1.8* | 1.4 | 10 | 158 | 15 | 0.25 |
| 191030 | 07:45:41.28 | 38° 50.23' | 111° 24.21' | -0.7 | 1.1W | 14 | 129 | 7 | 0.12 |
| 191030 | 22:36:32.15 | 41° 27.82' | 112° 19.22' | 0.2* | 1.4W | 20 | 88 | 11 | 0.20 |
| 191030 | 22:38:13.77 | 41° 28.11' | 112° 19.50' | 0.3* | 0.8W | 15 | 93 | 11 | 0.14 |
| 191030 | 22:51:55.00 | 38° 50.59' | 111° 25.51' | -0.8 | 1.8W | 22 | 109 | 7 | 0.15 |
| 191030 | 22:55:46.77 | 38° 50.58' | 111° 26.42' | -0.9 | 1.1 | 9 | 164 | 7 | 0.09 |
| 191030 | 22:57:00.78 | 39° 25.14' | 110° 17.95' | -1.1 | 0.9 | 6 | 269 | 2 | 0.01 |
| 191031 | 02:29:00.59 | 38° 50.01' | 111° 23.97' | -0.2 | 1.9W | 24 | 103 | 6 | 0.15 |
| 191031 | 02:31:32.81 | 38° 49.82' | 111° 25.44' | 1.7 | 1.5 | 9 | 158 | 6 | 0.13 |
| 191031 | 02:35:04.40 | 39° 07.72' | 110° 50.98' | 2.3* | 1.5W | 17 | 114 | 28 | 0.10 |
| 191031 | 03:10:31.56 | 38° 50.06' | 111° 25.81' | 0.4 | 1.3 | 8 | 106 | 6 | 0.21 |
| 191031 | 03:14:08.26 | 39° 24.45' | 110° 17.96' | -1.9 | 1.5W | 11 | 201 | 3 | 0.08 |
| 191031 | 03:17:42.70 | 38° 24.52' | 112° 26.53' | 5.8* | 0.4 | 12 | 151 | 22 | 0.08 |
| 191031 | 04:01:55.34 | 38° 50.22' | 111° 24.73' | 0.0 | 1.5W | 14 | 134 | 6 | 0.13 |
| 191031 | 12:16:20.74 | 41° 49.37' | 112° 24.01' | 2.0* | 0.6 | 11 | 83 | 13 | 0.12 |
| 191031 | 15:48:41.14 | 38° 49.91' | 111° 25.12' | 2.8 | 1.8W | 19 | 118 | 6 | 0.14 |
| 191031 | 15:54:13.04 | 38° 50.13' | 111° 25.21' | -0.1 | 1.7 | 8 | 158 | 6 | 0.06 |
| 191031 | 19:00:48.27 | 37° 02.87' | 112° 52.66' | 17.4 | 0.9W | 8 | 122 | 6 | 0.09 |
| 191101 | 00:45:05.46 | 39° 00.08' | 111° 39.70' | 21.2 | 1.4 | 13 | 99 | 20 | 0.12 |
| 191101 | 03:06:38.18 | 40° 33.43' | 111° 06.04' | 11.5 | 1.9W | 27 | 106 | 17 | 0.18 |
| 191101 | 04:14:16.36 | 38° 50.58' | 111° 25.74' | -1.1 | 1.4 | 10 | 136 | 7 | 0.11 |
| 191101 | 05:31:10.98 | 38° 49.77' | 111° 25.81' | 3.9 | 1.8W | 18 | 106 | 6 | 0.22 |
| 191101 | 06:03:27.95 | 38° 32.83' | 112° 33.86' | 6.6 | 0.6 | 8 | 195 | 12 | 0.10 |
| 191101 | 08:00:53.01 | 38° 50.22' | 111° 24.47' | -0.1 | 2.2W | 22 | 86 | 6 | 0.18 |
| 191101 | 08:05:19.28 | 39° 24.93' | 111° 05.55' | -1.7* | 1.1W | 15 | 122 | 11 | 0.07 |
| 191101 | 09:45:15.34 | 38° 50.34' | 111° 26.14' | 0.4 | 1.4 | 10 | 136 | 7 | 0.09 |
| 191101 | 10:58:23.00 | 38° 49.19' | 111° 25.79' | 5.7 | 1.5 | 7 | 204 | 4 | 0.06 |
| 191101 | 16:18:14.99 | 38° 49.39' | 111° 27.09' | 6.0 | 1.6 | 6 | 228 | 5 | 0.03 |
| 191101 | 18:03:03.13 | 38° 50.12' | 111° 25.94' | 0.1 | 1.5 | 11 | 162 | 6 | 0.15 |
| 191101 | 19:42:09.00 | 38° 50.08' | 111° 25.70' | 0.1 | 1.2W | 10 | 119 | 6 | 0.23 |
| 191102 | 02:13:27.70 | 38° 49.24' | 111° 26.23' | 6.6 | 1.0 | 8 | 214 | 5 | 0.13 |

Table 2. Earthquakes in the Utah Region: October 1–December 31, 2019

| DATE | ORIGIN TIME | LATITUDE | LONGITUDE | DEPTH | MAG | NO | GAP | DMN | RMS |
|--------|-------------|------------|-------------|-------|------|----|-----|-----|------|
| 191102 | 07:26:15.02 | 38° 50.19' | 111° 23.18' | -1.5 | 1.5 | 9 | 141 | 7 | 0.08 |
| 191102 | 09:47:26.10 | 41° 28.19' | 112° 19.26' | -1.4* | 1.1 | 13 | 95 | 11 | 0.18 |
| 191102 | 22:11:56.39 | 38° 09.36' | 112° 16.30' | 2.0* | 1.2W | 11 | 157 | 15 | 0.36 |
| 191102 | 22:26:49.72 | 37° 45.43' | 113° 09.25' | 0.2 | 2.5W | 24 | 44 | 9 | 0.25 |
| 191103 | 14:45:18.90 | 39° 41.95' | 110° 43.47' | -3.2 | 1.4W | 12 | 71 | 4 | 0.09 |
| 191103 | 21:04:59.11 | 38° 28.82' | 112° 50.30' | -0.1 | .2 | 14 | 235 | 2 | 0.09 |
| 191103 | 21:06:02.31 | 38° 28.69' | 112° 50.12' | 0.3 | .8 | 9 | 243 | 3 | 0.08 |
| 191103 | 21:28:56.36 | 38° 28.75' | 112° 50.21' | 0.2 | .3 | 10 | 239 | 3 | 0.09 |
| 191103 | 22:26:54.04 | 38° 28.85' | 112° 50.31' | 0.3 | .2 | 14 | 234 | 2 | 0.10 |
| 191103 | 23:53:51.22 | 38° 28.93' | 112° 49.73' | 0.3 | .5 | 12 | 253 | 4 | 0.33 |
| 191104 | 00:31:12.62 | 40° 23.12' | 111° 33.97' | 10.1 | 1.8W | 41 | 64 | 5 | 0.18 |
| 191104 | 00:54:05.47 | 38° 28.81' | 112° 50.39' | -0.1 | 0.1 | 15 | 231 | 2 | 0.13 |
| 191104 | 01:02:28.80 | 38° 28.82' | 112° 50.16' | 0.1 | -.6 | 12 | 239 | 3 | 0.10 |
| 191104 | 01:58:56.18 | 39° 23.93' | 110° 16.00' | -3.4 | 1.6 | 8 | 211 | 6 | 0.21 |
| 191104 | 05:22:25.61 | 38° 40.74' | 112° 43.14' | 15.0 | 0.8 | 9 | 243 | 21 | 0.06 |
| 191104 | 06:19:36.35 | 37° 48.73' | 113° 11.76' | 10.9 | 1.6W | 18 | 47 | 19 | 0.17 |
| 191104 | 18:45:15.27 | 40° 05.96' | 111° 46.74' | 8.8 | 1.0 | 6 | 124 | 5 | 0.05 |
| 191105 | 04:35:35.96 | 38° 50.17' | 111° 24.17' | -0.3 | 1.6 | 9 | 114 | 6 | 0.06 |
| 191105 | 05:50:06.42 | 37° 52.37' | 113° 03.31' | 11.4* | 0.9 | 16 | 62 | 26 | 0.20 |
| 191105 | 10:16:58.29 | 39° 00.65' | 111° 21.18' | -3.3 | 0.6W | 6 | 109 | 2 | 0.13 |
| 191105 | 13:26:55.58 | 39° 41.65' | 111° 12.83' | 4.2 | 1.7W | 23 | 58 | 6 | 0.21 |
| 191105 | 13:45:01.26 | 39° 41.39' | 111° 14.00' | 6.6 | 1.8W | 24 | 78 | 6 | 0.17 |
| 191105 | 20:18:11.73 | 37° 48.84' | 113° 12.39' | 8.5* | 1.5W | 17 | 47 | 21 | 0.14 |
| 191105 | 20:44:44.95 | 39° 40.33' | 111° 12.98' | 4.1 | 1.1 | 13 | 174 | 4 | 0.09 |
| 191105 | 22:49:59.80 | 41° 40.14' | 112° 22.10' | 8.2 | 0.5 | 9 | 123 | 7 | 0.07 |
| 191106 | 00:14:52.51 | 39° 35.81' | 111° 30.39' | 1.8* | 1.5W | 23 | 80 | 26 | 0.13 |
| 191106 | 01:25:17.07 | 38° 49.93' | 111° 24.85' | 0.6 | 1.2 | 8 | 185 | 6 | 0.10 |
| 191106 | 03:55:51.62 | 37° 18.74' | 114° 05.27' | 6.3* | 1.0 | 11 | 137 | 23 | 0.13 |
| 191106 | 05:30:30.62 | 38° 31.63' | 112° 33.23' | 4.0* | 0.6 | 7 | 210 | 13 | 0.06 |
| 191106 | 08:00:15.64 | 38° 28.74' | 112° 50.65' | 1.1 | *** | 11 | 251 | 2 | 0.13 |
| 191106 | 08:00:29.06 | 38° 28.70' | 112° 51.04' | -0.1 | 0.3 | 14 | 137 | 1 | 0.12 |
| 191106 | 08:02:15.29 | 38° 28.82' | 112° 50.69' | 0.1 | -.9 | 10 | 252 | 3 | 0.11 |
| 191106 | 08:02:20.92 | 38° 28.78' | 112° 50.57' | -0.1 | -.1 | 13 | 224 | 3 | 0.12 |
| 191106 | 08:02:28.03 | 38° 28.62' | 112° 51.01' | 0.0 | 0.3 | 9 | 139 | 2 | 0.14 |
| 191106 | 15:28:20.43 | 39° 41.86' | 111° 13.28' | 3.7 | 1.0W | 20 | 113 | 7 | 0.18 |
| 191106 | 16:25:42.49 | 37° 51.95' | 112° 29.96' | 5.3* | 1.6W | 17 | 79 | 34 | 0.14 |
| 191106 | 22:47:28.75 | 39° 25.08' | 110° 19.79' | -1.0 | 1.5 | 6 | 163 | 1 | 0.04 |
| 191106 | 23:20:51.49 | 41° 58.65' | 112° 27.78' | 0.4* | 1.0 | 13 | 117 | 13 | 0.11 |
| 191107 | 02:41:11.33 | 40° 33.05' | 111° 05.98' | 6.1* | 1.0 | 17 | 125 | 17 | 0.18 |
| 191107 | 03:29:35.33 | 40° 33.06' | 111° 05.90' | 0.6* | 1.0 | 10 | 129 | 17 | 0.14 |
| 191107 | 04:56:26.67 | 38° 57.74' | 111° 22.27' | -3.4 | 1.4W | 10 | 88 | 4 | 0.19 |
| 191107 | 07:57:33.55 | 40° 33.93' | 111° 05.54' | 6.6* | 0.6 | 11 | 135 | 16 | 0.18 |
| 191107 | 08:19:19.60 | 40° 33.34' | 111° 05.70' | 5.9* | 1.0 | 14 | 127 | 17 | 0.10 |
| 191107 | 08:42:36.94 | 40° 33.43' | 111° 05.80' | 9.0 | 0.8 | 9 | 132 | 17 | 0.11 |
| 191107 | 10:07:11.02 | 38° 49.77' | 111° 25.08' | 1.0 | 1.4 | 11 | 157 | 6 | 0.20 |

Table 2. Earthquakes in the Utah Region: October 1–December 31, 2019

| DATE | ORIGIN TIME | LATITUDE | LONGITUDE | DEPTH | MAG | NO | GAP | DMN | RMS |
|--------|-------------|------------|-------------|-------|------|----|-----|-----|------|
| 191107 | 17:01:49.09 | 40° 32.89' | 111° 06.20' | 12.3 | 1.5 | 25 | 75 | 17 | 0.18 |
| 191107 | 18:51:22.06 | 37° 53.02' | 112° 28.75' | 6.4* | 2.3W | 26 | 61 | 31 | 0.17 |
| 191107 | 18:52:18.06 | 37° 53.48' | 112° 28.66' | 10.3* | 2.4W | 23 | 58 | 31 | 0.18 |
| 191108 | 00:35:31.60 | 38° 36.19' | 112° 32.00' | 3.1 | 0.6 | 12 | 136 | 8 | 0.08 |
| 191108 | 02:03:41.74 | 38° 36.19' | 112° 31.94' | 2.0 | 0.7 | 9 | 192 | 7 | 0.10 |
| 191108 | 06:45:55.64 | 38° 50.13' | 111° 24.33' | -0.7 | 1.4W | 13 | 89 | 6 | 0.11 |
| 191108 | 16:26:53.85 | 42° 30.00' | 111° 25.97' | 3.5* | 1.6W | 12 | 114 | 40 | 0.21 |
| 191108 | 19:32:52.51 | 37° 48.59' | 113° 19.32' | 0.1* | 1.7 | 14 | 97 | 11 | 0.30 |
| 191109 | 05:51:22.10 | 39° 13.25' | 111° 27.15' | 5.8* | 1.1 | 9 | 169 | 17 | 0.05 |
| 191109 | 17:23:45.42 | 37° 12.57' | 112° 49.08' | 19.6 | 1.0 | 10 | 146 | 21 | 0.12 |
| 191109 | 18:35:24.54 | 39° 30.16' | 111° 40.72' | 3.5* | 1.0 | 12 | 110 | 12 | 0.20 |
| 191110 | 18:59:57.79 | 38° 13.98' | 112° 21.02' | 5.9* | 0.7 | 11 | 156 | 26 | 0.17 |
| 191110 | 19:59:54.13 | 38° 05.62' | 112° 52.04' | 3.2* | 0.8 | 9 | 245 | 11 | 0.05 |
| 191111 | 00:00:03.35 | 38° 51.56' | 112° 01.51' | 13.4 | 1.8 | 11 | 204 | 13 | 0.13 |
| 191111 | 01:42:52.58 | 38° 11.21' | 112° 20.13' | 2.2* | 1.2 | 16 | 93 | 21 | 0.17 |
| 191111 | 15:10:37.82 | 38° 16.37' | 108° 55.01' | 1.0 | 1.9 | 15 | 84 | 5 | 0.10 |
| 191111 | 20:41:32.82 | 38° 49.92' | 111° 23.02' | -1.4 | 1.6 | 9 | 147 | 7 | 0.14 |
| 191112 | 00:27:49.08 | 38° 16.13' | 112° 36.36' | 6.2 | 2.0W | 24 | 72 | 3 | 0.10 |
| 191112 | 08:08:03.35 | 38° 49.91' | 111° 25.25' | 2.6 | 2.3W | 27 | 81 | 6 | 0.14 |
| 191112 | 18:45:21.34 | 40° 02.79' | 111° 44.54' | -0.6 | 1.5W | 23 | 52 | 5 | 0.16 |
| 191112 | 19:50:47.48 | 39° 44.68' | 110° 56.55' | -0.1* | 1.7 | 14 | 171 | 13 | 0.23 |
| 191113 | 21:45:16.04 | 38° 49.80' | 111° 25.62' | 1.7 | 1.4W | 14 | 82 | 6 | 0.13 |
| 191114 | 04:15:34.52 | 41° 31.93' | 112° 11.38' | 10.2 | 2.5W | 33 | 70 | 8 | 0.19 |
| 191114 | 17:18:58.06 | 39° 24.59' | 110° 17.66' | -3.2 | 2.0 | 12 | 185 | 3 | 0.11 |
| 191114 | 20:26:38.82 | 37° 35.67' | 113° 02.66' | 6.3 | 1.7W | 17 | 95 | 4 | 0.12 |
| 191115 | 17:33:57.96 | 38° 18.10' | 112° 39.48' | 6.3 | 0.3 | 17 | 96 | 3 | 0.12 |
| 191116 | 06:03:07.23 | 41° 31.68' | 112° 12.12' | 9.6 | 0.8 | 19 | 81 | 8 | 0.14 |
| 191116 | 09:30:32.10 | 41° 31.97' | 112° 11.87' | 10.8 | 1.3 | 25 | 71 | 8 | 0.18 |
| 191116 | 12:22:14.20 | 41° 54.22' | 111° 27.02' | 6.8* | 1.2 | 15 | 115 | 19 | 0.14 |
| 191116 | 15:30:37.85 | 40° 44.09' | 111° 30.39' | 11.9 | 0.7 | 15 | 99 | 18 | 0.12 |
| 191116 | 20:53:36.09 | 41° 44.03' | 112° 12.49' | 4.9* | 0.5 | 10 | 69 | 16 | 0.14 |
| 191116 | 22:29:24.79 | 41° 43.76' | 112° 12.18' | 5.9* | 0.6 | 13 | 71 | 16 | 0.12 |
| 191116 | 23:59:27.94 | 37° 52.81' | 112° 28.85' | 5.1* | 1.5W | 14 | 82 | 32 | 0.21 |
| 191117 | 04:13:59.15 | 41° 43.65' | 112° 12.23' | 8.1 | 0.9 | 16 | 56 | 15 | 0.13 |
| 191117 | 13:58:41.49 | 41° 42.83' | 112° 00.97' | 14.7 | 1.2 | 27 | 41 | 11 | 0.14 |
| 191117 | 22:55:14.15 | 38° 29.38' | 112° 50.56' | -0.6 | 0.0 | 11 | 218 | 1 | 0.10 |
| 191118 | 10:32:35.12 | 38° 21.41' | 112° 12.72' | 4.8* | 1.1 | 14 | 117 | 35 | 0.14 |
| 191118 | 10:33:05.47 | 38° 21.47' | 112° 12.57' | 6.4* | 1.2 | 18 | 64 | 35 | 0.16 |
| 191118 | 12:57:33.69 | 38° 21.28' | 112° 12.63' | 6.5* | 0.7 | 12 | 131 | 35 | 0.09 |
| 191118 | 15:10:26.05 | 40° 02.75' | 111° 44.68' | 3.2 | 1.9W | 25 | 49 | 2 | 0.28 |
| 191118 | 18:21:30.38 | 39° 25.07' | 110° 20.02' | -1.3 | 1.6W | 11 | 83 | 1 | 0.18 |
| 191118 | 19:46:48.57 | 37° 03.92' | 112° 54.50' | 18.0 | 2.1W | 15 | 141 | 9 | 0.10 |
| 191118 | 21:13:19.40 | 40° 02.72' | 111° 44.97' | 8.3 | 1.3 | 23 | 78 | 6 | 0.25 |
| 191118 | 21:13:41.71 | 40° 03.32' | 111° 46.10' | 6.3 | 0.9 | 8 | 76 | 6 | 0.16 |
| 191118 | 21:14:47.09 | 40° 02.01' | 111° 44.93' | 4.7 | 1.1 | 10 | 85 | 6 | 0.12 |

Table 2. Earthquakes in the Utah Region: October 1–December 31, 2019

| DATE | ORIGIN TIME | LATITUDE | LONGITUDE | DEPTH | MAG | NO | GAP | DMN | RMS |
|--------|-------------|------------|-------------|-------|------|----|-----|-----|------|
| 191118 | 21:15:02.24 | 40° 02.53' | 111° 44.50' | 7.4 | 2.4W | 32 | 45 | 5 | 0.22 |
| 191118 | 21:18:50.38 | 40° 02.30' | 111° 45.02' | 5.4 | 1.8W | 31 | 53 | 6 | 0.20 |
| 191119 | 05:34:06.29 | 38° 20.89' | 112° 12.64' | 14.1* | 1.5 | 20 | 73 | 34 | 0.14 |
| 191119 | 05:34:06.29 | 38° 21.10' | 112° 12.19' | -0.4* | 1.7W | 18 | 68 | 34 | 0.18 |
| 191119 | 07:08:40.00 | 39° 24.58' | 110° 18.12' | -1.9 | 1.5 | 8 | 183 | 3 | 0.04 |
| 191119 | 09:48:16.69 | 39° 24.57' | 110° 18.01' | -2.7 | 2.1W | 11 | 201 | 3 | 0.12 |
| 191119 | 14:27:47.89 | 39° 22.41' | 111° 36.40' | 9.4* | 1.3 | 15 | 119 | 23 | 0.13 |
| 191120 | 02:20:17.14 | 38° 14.83' | 112° 34.49' | 9.2 | 0.7 | 13 | 125 | 7 | 0.15 |
| 191120 | 02:25:50.56 | 41° 49.61' | 112° 23.88' | 0.0* | 0.5 | 13 | 84 | 13 | 0.09 |
| 191120 | 03:28:50.49 | 39° 24.46' | 110° 18.17' | -2.2 | 2.0 | 10 | 183 | 3 | 0.12 |
| 191120 | 13:44:38.77 | 38° 36.53' | 112° 14.42' | 13.1 | 1.1 | 11 | 107 | 18 | 0.09 |
| 191120 | 16:36:49.75 | 39° 24.46' | 110° 17.85' | -2.8 | 1.7W | 12 | 184 | 3 | 0.13 |
| 191120 | 18:39:09.83 | 38° 38.00' | 112° 14.76' | 10.1 | 1.0 | 8 | 231 | 18 | 0.18 |
| 191120 | 20:04:52.65 | 39° 24.45' | 110° 18.17' | -1.9 | 1.6W | 9 | 200 | 3 | 0.08 |
| 191121 | 01:23:47.76 | 39° 24.77' | 110° 18.20' | -1.9 | 1.7W | 15 | 117 | 2 | 0.09 |
| 191121 | 03:25:58.45 | 39° 24.32' | 110° 17.66' | -3.4 | 1.7 | 8 | 203 | 3 | 0.14 |
| 191121 | 05:22:36.30 | 39° 24.68' | 110° 19.00' | -1.2 | 1.3 | 6 | 195 | 2 | 0.03 |
| 191121 | 06:12:26.84 | 40° 21.11' | 111° 54.14' | 6.0 | 0.8 | 16 | 103 | 9 | 0.15 |
| 191121 | 06:59:32.81 | 38° 05.42' | 112° 42.55' | 8.2* | 1.3 | 22 | 89 | 22 | 0.16 |
| 191121 | 08:35:15.46 | 40° 51.03' | 112° 07.73' | 7.2 | 1.1 | 26 | 58 | 4 | 0.15 |
| 191121 | 12:09:58.72 | 40° 17.92' | 111° 20.66' | 10.0 | 1.6 | 26 | 86 | 15 | 0.16 |
| 191121 | 12:52:22.18 | 40° 18.32' | 111° 21.53' | 7.8 | 0.8 | 11 | 89 | 15 | 0.12 |
| 191122 | 09:51:45.03 | 37° 02.61' | 112° 53.34' | 17.3 | 1.9W | 14 | 148 | 7 | 0.13 |
| 191122 | 16:33:19.28 | 38° 28.28' | 112° 51.53' | 1.8 | -.6 | 6 | 182 | 1 | 0.10 |
| 191123 | 04:39:57.02 | 38° 50.35' | 111° 25.34' | -0.8 | 2.0 | 14 | 114 | 7 | 0.22 |
| 191123 | 05:02:55.52 | 41° 48.96' | 112° 23.00' | 3.9* | 0.9 | 15 | 80 | 14 | 0.13 |
| 191123 | 20:29:06.91 | 42° 19.52' | 112° 14.02' | 0.6* | 1.3 | 12 | 244 | 31 | 0.13 |
| 191123 | 21:38:42.22 | 38° 21.44' | 112° 12.43' | 6.1* | 1.7W | 21 | 117 | 35 | 0.15 |
| 191123 | 21:54:03.00 | 38° 21.02' | 112° 14.19' | 5.9* | 1.4 | 10 | 204 | 34 | 0.12 |
| 191124 | 00:00:47.71 | 38° 03.65' | 112° 45.03' | 6.6* | 1.0 | 15 | 69 | 22 | 0.23 |
| 191124 | 06:11:52.56 | 38° 49.93' | 111° 23.07' | -0.8 | 1.6W | 18 | 103 | 7 | 0.15 |
| 191125 | 11:11:45.41 | 38° 49.13' | 111° 25.88' | 6.2 | 1.4 | 8 | 206 | 4 | 0.06 |
| 191125 | 12:17:55.03 | 41° 10.52' | 112° 10.35' | 7.9* | 0.8 | 14 | 81 | 18 | 0.08 |
| 191125 | 15:57:19.36 | 38° 49.65' | 111° 46.73' | 15.2* | 1.7 | 16 | 135 | 31 | 0.11 |
| 191125 | 17:28:25.79 | 39° 24.39' | 110° 17.01' | -3.4 | 1.7W | 13 | 206 | 4 | 0.19 |
| 191126 | 00:15:08.80 | 36° 47.49' | 112° 54.84' | 17.5 | 1.6W | 7 | 185 | 26 | 0.11 |
| 191126 | 15:00:42.04 | 38° 50.37' | 111° 23.36' | -2.8 | 1.5W | 14 | 108 | 7 | 0.25 |
| 191127 | 12:04:51.38 | 38° 13.05' | 112° 45.09' | 11.0* | 0.5 | 9 | 210 | 25 | 0.07 |
| 191127 | 12:43:45.07 | 41° 54.53' | 112° 20.75' | 6.0 | 0.7 | 8 | 103 | 3 | 0.02 |
| 191127 | 20:12:20.26 | 41° 49.61' | 112° 24.13' | 0.4* | 0.9 | 12 | 96 | 13 | 0.14 |
| 191128 | 02:44:23.08 | 39° 43.03' | 110° 48.85' | -3.5 | 1.4 | 9 | 143 | 6 | 0.17 |
| 191128 | 20:42:31.78 | 41° 49.45' | 112° 23.76' | 0.5* | 0.6 | 12 | 124 | 13 | 0.11 |
| 191129 | 10:23:39.88 | 41° 50.50' | 112° 41.12' | 1.4 | 0.8 | 7 | 154 | 10 | 0.11 |
| 191201 | 00:18:53.28 | 40° 27.27' | 111° 56.19' | 7.7 | 0.8 | 12 | 98 | 1 | 0.11 |
| 191201 | 00:39:50.90 | 40° 28.47' | 111° 56.70' | 5.3 | 0.8 | 13 | 78 | 2 | 0.15 |

Table 2. Earthquakes in the Utah Region: October 1–December 31, 2019

| DATE | ORIGIN TIME | LATITUDE | LONGITUDE | DEPTH | MAG | NO | GAP | DMN | RMS |
|--------|-------------|------------|-------------|-------|------|----|-----|-----|------|
| 191201 | 00:58:00.20 | 40° 27.88' | 111° 56.21' | 6.4 | 0.9 | 15 | 94 | 2 | 0.14 |
| 191201 | 05:56:18.81 | 38° 50.20' | 109° 44.04' | 7.2* | 2.5W | 25 | 119 | 33 | 0.13 |
| 191201 | 13:10:11.53 | 37° 52.39' | 112° 30.80' | 5.6* | 1.0 | 14 | 57 | 34 | 0.20 |
| 191201 | 13:26:36.50 | 40° 29.32' | 111° 19.96' | 14.5 | 0.9 | 17 | 65 | 1 | 0.14 |
| 191201 | 13:26:55.62 | 40° 30.05' | 111° 22.08' | -1.7 | 0.5 | 10 | 122 | 3 | 0.16 |
| 191202 | 05:09:34.07 | 39° 24.50' | 110° 18.00' | -2.1 | 1.7W | 12 | 201 | 3 | 0.11 |
| 191202 | 12:11:09.14 | 37° 09.85' | 113° 35.49' | 14.9 | 0.9 | 14 | 78 | 6 | 0.08 |
| 191203 | 01:49:30.70 | 37° 56.41' | 113° 31.94' | -0.2* | 2.5W | 22 | 66 | 19 | 0.24 |
| 191203 | 11:41:35.92 | 41° 28.27' | 112° 19.93' | 0.0* | 1.9W | 24 | 90 | 11 | 0.17 |
| 191203 | 19:17:23.45 | 41° 28.13' | 112° 19.75' | 0.2* | 1.1 | 15 | 89 | 11 | 0.24 |
| 191204 | 02:42:41.49 | 40° 48.08' | 111° 30.60' | 12.6 | 1.2W | 27 | 82 | 11 | 0.11 |
| 191204 | 19:37:44.80 | 39° 24.34' | 111° 07.76' | 4.4* | 1.4W | 17 | 71 | 11 | 0.14 |
| 191204 | 21:24:05.13 | 38° 17.69' | 112° 36.95' | 4.9 | 0.4 | 11 | 104 | 3 | 0.09 |
| 191205 | 19:53:54.67 | 37° 54.03' | 113° 04.90' | 7.0* | 1.8 | 13 | 61 | 24 | 0.23 |
| 191206 | 08:27:24.82 | 38° 35.00' | 112° 34.80' | 1.9* | 0.4 | 8 | 168 | 12 | 0.05 |
| 191206 | 22:01:38.34 | 40° 19.89' | 111° 22.22' | 5.8* | 1.1 | 9 | 166 | 13 | 0.11 |
| 191208 | 00:08:46.94 | 39° 24.14' | 111° 07.15' | 0.6 | 1.4 | 11 | 103 | 10 | 0.11 |
| 191209 | 22:07:03.94 | 39° 03.32' | 111° 27.97' | -1.0* | 1.3W | 12 | 136 | 11 | 0.07 |
| 191209 | 23:36:40.77 | 37° 16.51' | 111° 43.88' | 37.1 | 1.2 | 8 | 222 | 55 | 0.17 |
| 191210 | 09:32:28.41 | 39° 24.17' | 111° 07.13' | 1.2 | 1.6W | 17 | 46 | 10 | 0.13 |
| 191210 | 15:23:50.79 | 38° 28.63' | 112° 48.60' | 6.0 | -.1 | 11 | 102 | 6 | 0.06 |
| 191210 | 15:32:29.28 | 38° 28.80' | 112° 48.59' | 7.0 | 1.9W | 22 | 66 | 4 | 0.09 |
| 191210 | 22:09:28.10 | 37° 29.00' | 112° 31.67' | 3.1* | 0.9 | 11 | 77 | 20 | 0.32 |
| 191211 | 11:50:13.16 | 37° 54.42' | 111° 48.99' | 15.2 | 2.0W | 18 | 158 | 18 | 0.19 |
| 191211 | 11:50:13.31 | 37° 54.63' | 111° 50.04' | 14.0 | 2.0W | 15 | 109 | 18 | 0.18 |
| 191211 | 17:03:44.48 | 41° 27.87' | 112° 19.69' | 0.5* | 1.1 | 14 | 94 | 11 | 0.11 |
| 191211 | 17:18:27.58 | 41° 28.22' | 112° 20.09' | -0.9* | 1.8W | 21 | 90 | 11 | 0.08 |
| 191211 | 22:00:20.28 | 39° 24.90' | 110° 18.52' | -1.6 | 2.0W | 13 | 116 | 2 | 0.10 |
| 191212 | 00:38:00.17 | 41° 28.17' | 112° 19.74' | -1.9* | 1.3 | 13 | 95 | 11 | 0.15 |
| 191212 | 02:41:00.41 | 36° 49.37' | 113° 38.83' | 5.2* | 1.2 | 11 | 189 | 42 | 0.14 |
| 191212 | 05:30:16.52 | 39° 24.73' | 110° 17.85' | -2.5 | 1.7 | 10 | 201 | 3 | 0.15 |
| 191212 | 19:46:58.85 | 39° 24.65' | 110° 18.46' | -1.6 | 2.0 | 10 | 198 | 2 | 0.07 |
| 191213 | 01:11:25.78 | 38° 27.32' | 112° 28.55' | 3.1* | 0.5 | 11 | 86 | 17 | 0.07 |
| 191215 | 02:49:38.18 | 37° 40.83' | 113° 09.88' | -0.2 | 1.4 | 13 | 80 | 7 | 0.19 |
| 191215 | 04:34:58.39 | 40° 56.89' | 111° 33.31' | 7.9 | 2.1W | 37 | 54 | 12 | 0.16 |
| 191215 | 07:35:20.66 | 40° 56.70' | 111° 32.26' | 13.1 | 1.0 | 14 | 99 | 11 | 0.08 |
| 191215 | 11:36:20.28 | 38° 41.97' | 112° 36.47' | 1.5* | 1.2 | 10 | 155 | 17 | 0.15 |
| 191216 | 21:56:07.07 | 38° 33.93' | 112° 16.37' | 11.4 | 1.1 | 15 | 105 | 16 | 0.15 |
| 191217 | 01:31:42.71 | 37° 21.00' | 113° 25.21' | -0.1* | 1.5 | 14 | 77 | 23 | 0.24 |
| 191217 | 02:57:58.96 | 39° 24.53' | 110° 17.62' | -3.0 | 1.8W | 15 | 203 | 3 | 0.16 |
| 191217 | 07:13:46.30 | 39° 24.81' | 110° 18.34' | -1.8 | 2.0W | 18 | 116 | 2 | 0.26 |
| 191217 | 10:36:47.05 | 41° 31.56' | 112° 12.69' | 6.9 | 1.3 | 13 | 74 | 8 | 0.18 |
| 191218 | 09:29:29.98 | 40° 42.04' | 111° 37.60' | 8.7 | 0.5 | 13 | 96 | 10 | 0.14 |
| 191218 | 11:49:19.34 | 36° 55.26' | 113° 30.17' | 11.9* | 2.2W | 14 | 168 | 25 | 0.24 |
| 191218 | 16:24:49.15 | 38° 12.82' | 112° 52.81' | 5.5* | 1.2 | 13 | 67 | 16 | 0.13 |

Table 2. Earthquakes in the Utah Region: October 1–December 31, 2019

| DATE | ORIGIN TIME | LATITUDE | LONGITUDE | DEPTH | MAG | NO | GAP | DMN | RMS |
|--------|-------------|------------|-------------|-------|------|----|-----|-----|------|
| 191219 | 04:12:15.95 | 41° 05.47' | 111° 32.54' | 10.2 | 1.3 | 20 | 74 | 12 | 0.06 |
| 191221 | 13:04:01.35 | 39° 08.66' | 111° 34.66' | 22.8 | 0.8 | 8 | 121 | 7 | 0.09 |
| 191221 | 17:20:08.39 | 41° 11.92' | 113° 11.07' | 7.3* | 1.0 | 10 | 132 | 33 | 0.16 |
| 191221 | 23:39:44.87 | 36° 56.12' | 112° 36.25' | 22.9 | 1.5 | 11 | 129 | 21 | 0.15 |
| 191222 | 01:06:22.10 | 38° 27.41' | 112° 47.55' | 0.4 | 0.4 | 9 | 190 | 8 | 0.11 |
| 191222 | 12:44:50.26 | 39° 43.95' | 111° 57.58' | 10.3* | 1.1 | 7 | 134 | 27 | 0.05 |
| 191222 | 12:52:54.42 | 39° 40.96' | 111° 18.87' | 1.5* | 1.3W | 10 | 141 | 11 | 0.21 |
| 191222 | 17:28:47.11 | 38° 49.88' | 111° 25.18' | 2.1 | 2.0W | 25 | 51 | 6 | 0.17 |
| 191222 | 17:55:33.23 | 38° 50.05' | 111° 25.35' | 1.6 | 1.9W | 22 | 80 | 6 | 0.15 |
| 191222 | 18:29:17.33 | 38° 49.76' | 111° 26.47' | 1.6 | 1.6 | 11 | 189 | 6 | 0.23 |
| 191223 | 01:53:38.55 | 39° 24.83' | 110° 19.21' | -1.2 | 1.9 | 6 | 193 | 1 | 0.04 |
| 191223 | 18:21:12.02 | 37° 29.03' | 113° 50.21' | 0.2 | 1.4 | 10 | 113 | 3 | 0.04 |
| 191223 | 20:45:14.00 | 37° 32.99' | 112° 31.44' | 1.8* | 1.4 | 13 | 53 | 22 | 0.24 |
| 191223 | 21:29:06.08 | 37° 35.04' | 112° 30.48' | 3.1* | 1.4 | 12 | 147 | 23 | 0.22 |
| 191223 | 22:34:08.16 | 41° 31.31' | 110° 01.58' | 60.5 | 3.2W | 29 | 62 | 16 | 0.24 |
| 191223 | 23:31:03.61 | 39° 32.36' | 112° 14.25' | 1.3* | 1.9W | 15 | 136 | 19 | 0.22 |
| 191224 | 02:32:21.61 | 40° 03.91' | 111° 15.93' | 6.1* | 1.5 | 12 | 89 | 32 | 0.12 |
| 191226 | 10:06:46.70 | 41° 30.95' | 111° 43.87' | 10.3 | 1.0 | 13 | 82 | 8 | 0.09 |
| 191226 | 12:23:26.68 | 38° 49.28' | 111° 25.41' | 5.0 | 1.3 | 9 | 154 | 5 | 0.12 |
| 191226 | 12:29:06.83 | 41° 31.39' | 111° 44.08' | 10.5 | 1.7W | 18 | 86 | 8 | 0.11 |
| 191226 | 12:29:41.67 | 41° 31.46' | 111° 43.71' | 9.8 | 1.7W | 14 | 90 | 8 | 0.12 |
| 191227 | 23:54:40.43 | 38° 49.86' | 111° 23.83' | 0.1 | 1.3W | 14 | 82 | 6 | 0.15 |
| 191228 | 00:07:00.28 | 38° 49.77' | 111° 26.50' | 1.7 | 1.2 | 9 | 172 | 6 | 0.21 |
| 191228 | 05:40:10.92 | 38° 49.88' | 111° 25.73' | 1.6 | 1.6 | 11 | 117 | 6 | 0.11 |
| 191228 | 15:27:10.82 | 38° 49.82' | 111° 23.83' | -0.2 | 1.1W | 7 | 91 | 6 | 0.02 |
| 191228 | 16:04:05.43 | 38° 49.30' | 111° 24.22' | 1.0 | 2.0 | 6 | 132 | 5 | 0.01 |
| 191228 | 18:34:33.31 | 38° 50.27' | 111° 24.37' | -0.7 | 2.0 | 9 | 126 | 7 | 0.07 |
| 191228 | 23:30:01.48 | 38° 49.56' | 111° 25.66' | 3.7 | 1.2W | 6 | 203 | 5 | 0.04 |
| 191229 | 15:48:51.41 | 38° 50.10' | 111° 27.74' | 1.6 | 1.5 | 9 | 232 | 7 | 0.15 |
| 191229 | 17:13:45.09 | 38° 49.75' | 111° 25.78' | 3.2 | 1.4W | 10 | 111 | 5 | 0.07 |
| 191229 | 17:43:45.23 | 41° 03.53' | 111° 12.54' | 19.6 | 2.4W | 36 | 71 | 18 | 0.26 |
| 191229 | 20:40:59.94 | 37° 48.31' | 112° 26.65' | 5.9* | 1.2 | 11 | 123 | 35 | 0.30 |
| 191230 | 04:54:45.75 | 38° 49.92' | 111° 25.38' | 1.6 | 1.0W | 10 | 195 | 6 | 0.07 |
| 191230 | 05:14:02.59 | 37° 33.70' | 112° 32.04' | 3.2* | 1.8W | 18 | 54 | 24 | 0.24 |
| 191230 | 15:33:38.89 | 40° 38.39' | 111° 35.23' | 9.1 | 0.3 | 12 | 136 | 7 | 0.07 |
| 191230 | 16:57:17.37 | 41° 20.41' | 111° 37.55' | 10.1 | 1.4W | 27 | 97 | 17 | 0.19 |
| 191230 | 18:09:49.60 | 40° 38.60' | 111° 35.13' | 9.6 | 1.3W | 30 | 68 | 7 | 0.14 |
| 191230 | 18:52:36.56 | 40° 38.26' | 111° 35.05' | 10.1 | 1.0 | 23 | 101 | 7 | 0.09 |
| 191230 | 19:01:42.96 | 40° 38.30' | 111° 34.68' | 10.6 | 1.1W | 24 | 70 | 7 | 0.17 |
| 191230 | 19:57:02.69 | 41° 29.93' | 108° 47.84' | 6.5* | 2.7W | 15 | 185 | 60 | 0.17 |
| 191231 | 10:49:25.12 | 38° 34.50' | 112° 15.24' | 13.0 | 1.5 | 12 | 81 | 17 | 0.08 |

number of earthquakes = 446

* 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
December 31, 2019

| 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 |
| 7208 | SR 201/I-80 Bridge Array, Salt Lake City, UT | EN[ZEN] | 3 | NP | 40° 43.38' | 111° 54.43' | 1291 | EpiSensor | K2 | 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 |

| SEED Station | Location | SEED Channel | No. of Channels | Network Code | Latitude | Longitude | Elevation (meters) | Sensor | Digitizer | Telemetry | Sponsor |
|--------------|---|--------------|-----------------|--------------|------------|-------------|--------------------|-----------------|-----------|-----------|---------------|
| 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 |
| ALT | Alta City Offices, Alta, UT | EN[ZEN] | 3 | UU | 40° 35.42' | 111° 38.25' | 2635 | Applied Mems | ANSS-130 | Digital | ANSS |
| AMF | Tri-Cities Golf Course American Fork, UT | 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 | Panthr944swY2008, 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 | | | |
| BEI | Bear River Range, ID | EHZ | 1 | UU | 42° 07.00' | 111° 46.94' | 1859 | L4C | PSN | Analog | USGS |
| 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 | EH[ZEN] | 3 | UU | 37° 35.63' | 112° 51.72' | 3250 | S13 | PSN | Analog | Utah |

| SEED Station | Location | SEED Channel | No. of Channels | Network Code | Latitude | Longitude | Elevation (meters) | Sensor | Digitizer | Telemetry | Sponsor |
|--------------|--|--------------|-----------------|--------------|------------|-------------|--------------------|---------------------------|-----------|-----------|------------|
| 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 |
| BRPU | Butcher Ranch, Price, UT | HH[ZEN] | 3 | UU | 39° 28.38' | 110° 44.40' | 1687 | Trillium 240 EpiSensor | Q330 | Digital | Utah |
| | | EN[ZEN] | 3 | | | | | | | | |
| BRWY | Blue Rim, WY | HH[ZEN] | 3 | UU | 41° 37.32' | 109° 30.19' | 2098 | Trillium 120 | Centaur | Digital | Utah |
| BSS | Butterville 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 EpiSensor | Q330 | Digital | Utah |
| | | EN[ZEN] | 3 | | | | | | | | |
| 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 |
| CAPU | Capitol, Salt Lake City, UT | EN[ZEN] | 3 | UU | 40° 46.71' | 111° 53.40' | 1384 | Applied Mems | ANSS-130 | 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 | ANSS-130 | Digital | USGS |
| | | EN[ZEN] | 3 | | | | | Applied Mems | | | |
| 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 | EHZ | 1 | 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 | MGB | 45° 27.35' | 110° 08.41' | 2941 | * | * | Analog | MBMT |
| CTU | Camp Tracy, UT | HH[ZEN] | 3 | UU | 40° 41.55' | 111° 45.02' | 1731 | Observer | ANSS-130 | Digital | USGS |
| | | EN[ZEN] | 3 | | | | | R147 | | | |
| CVH | Cedar City, Canyon View High School, 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 | | | |

| SEED Station | Location | SEED Channel | No. of Channels | Network Code | Latitude | Longitude | Elevation (meters) | Sensor | Digitizer | Telemetry | Sponsor |
|--------------|--|--------------|-----------------|--------------|------------|-------------|--------------------|--------------|-----------|-----------|---------|
| 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 |
| DOT | Utah Dept. of Transportation Region II Offices, Salt Lake City, UT | EN[ZEN] | 3 | UU | 40° 43.61' | 111° 57.65' | 1282 | Applied Mems | ANSS-130 | Digital | ANSS |
| DUG | Dugway, UT | BH[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 |
| ECRI | Eagle Creek, ID | EHZ | 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 | EHZ | 1 | UU | 37° 04.48' | 112° 29.81' | 1829 | S13 | PSN | Analog | Utah |
| 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 | BH[ZEN] | 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 | PSN | Analog | USGS |
| | | EN[ZEN] | 3 | | | | | FBA23 | K2 | Digital | Utah |
| 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 | PSN | Analog | 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 | | | | | | | | |
| FLWY | Flagg Ranch, WY | BH[ZEN] | 3 | IW | 44° 04.96' | 110° 41.96' | 2078 | 3ESP | RT-130 | Digital | ANSS |
| FMC | FMC Mine, Green River, WY | HH[ZEN] | 3 | UU | 41° 24.49' | 109° 46.67' | 1903 | 40T | RT-130 | Digital | Utah |
| 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 |
| FOR3 | Blundell North, UT | HH[ZEN] | 3 | UU | 38° 30.80' | 112° 52.85' | 1699 | Trillium 120 | ANSS-130 | Digital | Utah |
| | | EN[ZEN] | 3 | | | | | | | | |
| FOR4 | Blundell West, UT | HH[ZEN] | 3 | UU | 38° 29.92' | 112° 53.79' | 1657 | 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 |

| SEED Station | Location | SEED Channel | No. of Channels | Network Code | Latitude | Longitude | Elevation (meters) | Sensor | Digitizer | Telemetry | Sponsor |
|--------------|---|--------------|-----------------|--------------|---------------------|----------------------|--------------------|---------------------------|--------------|-------------------|--------------|
| FORK | Blundell, UT | EH[Z12] | 3 | UU | $38^{\circ} 30.07'$ | $112^{\circ} 53.19'$ | 1408 | Omni-2400 Silicon-ULN | Obsidian | Digital | Utah |
| | | EN[Z12] | 3 | | | | | | | | |
| FORU | South Mineral Mountains, UT | HH[ZEN] | 3 | UU | $38^{\circ} 27.53'$ | $112^{\circ} 51.68'$ | 1840 | 40T | ANSS-130 | Digital | Utah |
| FORW | Milford Wind Farm, UT | EN[ZEN] | 3 | UU | $38^{\circ} 33.76'$ | $112^{\circ} 56.21'$ | 1516 | EpiSensor | Obsidian | Digital | Utah |
| FPU | Francis Peak, UT | EHZ | 1 | UU | $41^{\circ} 01.58'$ | $111^{\circ} 50.21'$ | 2816 | L4C | PSN | Analog | USGS |
| FSU | Fish Springs, UT | EHZ | 1 | UU | $39^{\circ} 43.35'$ | $113^{\circ} 23.48'$ | 1487 | 18300 | PSN | Analog | Utah |
| FTT | Fire Training Tower, Magna, UT | EN[ZEN] | 3 | UU | $40^{\circ} 41.16'$ | $112^{\circ} 04.99'$ | 1381 | EpiSensor | Etna2 | Digital | ANSS |
| GAWY | Genesis Alkali Granger, WY | HH[ZEN] | 3 | UU | $41^{\circ} 44.43'$ | $109^{\circ} 51.13'$ | 2011 | Trillium 120 | Centaur | Digital | Utah |
| GBI | Big Grassy Butte, ID | HH[ZEN] | 3 | IE | $43^{\circ} 59.22'$ | $112^{\circ} 03.78'$ | 1541 | * | * | Digital | INL |
| GCAZ | Grand Canyon, AZ | EHZ | 1 | AR | $36^{\circ} 03.51'$ | $112^{\circ} 11.02'$ | 2072 | * | * | Analog | NAU |
| GMO | Grantsville Maintenance Office, Grantsville, UT | EN[ZEN] | 3 | UU | $40^{\circ} 36.04'$ | $112^{\circ} 28.48'$ | 1320 | EpiSensor | Etna2 | Digital | ANSS |
| GMU | Granite Mountain, UT | EH[ZEN] | 3 | UU | $40^{\circ} 34.53'$ | $111^{\circ} 45.79'$ | 1829 | S13 | PSN | Analog | USGS |
| GRRI | Grays Lake, ID | EHZ | 1 | IE | $42^{\circ} 56.28'$ | $111^{\circ} 25.32'$ | 2207 | * | * | Digital | INL |
| GZU | Grizzly Peak, UT | EH[ZEN] | 3 | UU | $41^{\circ} 25.53'$ | $111^{\circ} 58.50'$ | 2646 | S13 | PSN | Analog | USGS |
| HAFB | Hill Air Force Base, Hill AFB, UT | EN[ZEN] | 3 | UU | $41^{\circ} 07.07'$ | $111^{\circ} 58.55'$ | 1471 | EpiSensor | Etna2 | Digital | Utah |
| HCSU | Hobble Creek, Springville, UT | EHZ | 1 | UU | $40^{\circ} 12.40'$ | $111^{\circ} 30.14'$ | 1789 | L4C EpiSensor | Basalt | Digital | Utah, USGS |
| | | EN[ZEN] | 3 | | | | | | | | |
| HDU | Hyde Park, UT | EHZ | 1 | UU | $41^{\circ} 48.18'$ | $111^{\circ} 45.99'$ | 1807 | L4C | PSN | Analog | USGS |
| HEB | Heber, UT | EHZ | 1 | UU | $40^{\circ} 30.09'$ | $111^{\circ} 20.15'$ | 1925 | S13 | PSN | Analog | Utah |
| HER | Herriman Fire Station Herriman, UT | EN[ZEN] | 3 | UU | $40^{\circ} 30.94'$ | $112^{\circ} 01.85'$ | 1502 | EpiSensor | Etna2 | Digital | ANSS |
| HES | Hooper Elementary School Hooper, UT | EN[ZEN] | 3 | UU | $41^{\circ} 09.89'$ | $112^{\circ} 07.30'$ | 1292 | EpiSensor | K2 | Digital | ANSS |
| HHAI | Hell's Half Acre, ID | HH[Z12] | 3 | IE | $43^{\circ} 17.70'$ | $112^{\circ} 22.74'$ | 1371 | * | * | Digital | INL |
| HHS | Hurricane High School, UT | EN[ZEN] | 3 | UU | $37^{\circ} 10.43'$ | $113^{\circ} 17.74'$ | 987 | EpiSensor | Etna | Digital | Utah |
| HLID | Hailey, ID | BH[ZEN] | 3 | US | $43^{\circ} 33.75'$ | $114^{\circ} 24.83'$ | 1772 | * | * | Digital | USGS |
| HLJ | Hailstone, UT | EHZ | 1 | UU | $40^{\circ} 36.64'$ | $111^{\circ} 24.05'$ | 1931 | S13 FBA23 | PSN K2 | Analog Digital | Utah |
| | | EN[ZEN] | 3 | | | | | | | | |
| HMU | Henry Mountain, UT | HH[ZEN] | 3 | UU | $37^{\circ} 56.28'$ | $110^{\circ} 44.51'$ | 2430 | Trillium 120 EpiSensor | Q330 | Digital | Utah |
| | | EN[ZEN] | 3 | | | | | | | | |
| HON | Honeyville, UT | EN[ZEN] | 3 | UU | $41^{\circ} 36.96'$ | $112^{\circ} 03.05'$ | 1546 | Applied Mems | ANSS-130 | Digital | ANSS |
| HONU | Honeyville, UT | EHZ | 1 | UU | $41^{\circ} 36.90'$ | $112^{\circ} 03.00'$ | 1515 | L4C | PSN | Analog | USGS |
| HRU | Hogsback Ridge, UT | EHZ | 1 | UU | $40^{\circ} 47.67'$ | $111^{\circ} 53.14'$ | 1620 | Ranger EpiSensor | PSN Etna2 | Analog Digital | USGS ANSS |
| | | EN[ZEN] | 3 | | | | | | | | |

| SEED Station | Location | SEED Channel | No. of Channels | Network Code | Latitude | Longitude | Elevation (meters) | Sensor | Digitizer | Telemetry | Sponsor |
|--------------|---|--------------|-----------------|--------------|------------|-------------|--------------------|---------------------------|-----------|-----------|---------------------|
| HTU | Hoyt, UT | EHZ | 1 | UU | 40° 40.52' | 111° 13.21' | 2576 | L4C | PSN | Analog | USGS |
| | | EHZ | 1 | | | | | | Basalt | Digital | |
| | | EN[ZEN] | 3 | | | | | EpiSensor | | | |
| HVU | Hansel Valley, UT | HH[ZEN] | 3 | UU | 41° 46.78' | 112° 46.50' | 1609 | Trillium 120 EpiSensor | Q330 | Digital | USGS |
| | | EN[ZEN] | 3 | | | | | | | | |
| 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 | Etna | 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 |
| JLU | Jordanelle, UT | EN[ZEN] | 3 | UU | 40° 36.12' | 111° 27.00' | 2285 | EpiSensor 3ESP | ANSS-130 | Digital | ANSS |
| | | HH[ZEN] | 3 | | | | | | | | |
| JRP | Jordan River State Park Salt Lake City, UT | EN[ZEN] | 3 | UU | 40° 49.54' | 111° 56.66' | 1284 | EpiSensor | Etna2 | Digital | ANSS |
| KEUT | Kanab Elementary School, UT | EN[ZEN] | 3 | UU | 37° 03.02' | 112° 31.76' | 1514 | PA-23 | SMART-24 | Digital | Utah |
| 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 | 3T EpiSensor | ANSS-130 | Digital | Utah, ANSS, LLNL |
| | | EN[ZEN] | 3 | | | | | | | | |
| LCMT | Little Creek Mountain, UT | HH[ZEN] | 3 | UU | 37° 00.71' | 113° 14.63' | 1411 | 3T PA-23 | SMART-24 | Digital | Utah |
| | | EN[ZEN] | 3 | | | | | | | | |
| 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 EpiSensor | Basalt | Digital | USGS |
| | | EN[ZEN] | 3 | | | | | | | | |
| 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 |
| 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 | K2 | Digital | ANSS |
| LOHW | National Elk Refuge, WY | BH[ZEN] | 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 |

| SEED Station | Location | SEED Channel | No. of Channels | Network Code | Latitude | Longitude | Elevation (meters) | Sensor | Digitizer | Telemetry | Sponsor |
|--------------|---|--------------|-----------------|--------------|------------|-------------|--------------------|--------------|-----------|-----------|--------------|
| LSU | Lake Shores, UT | EN[ZEN] | 3 | UU | 40° 07.94' | 111° 43.80' | 1375 | EpiSensor | Etna2 | Digital | ANSS |
| LTU | Little Mountain, UT | EHZ | 1 | UU | 41° 35.51' | 112° 14.83' | 1585 | L4C | PSN | Analog | USGS |
| | | EHZ | 1 | | | | | | Basalt | Digital | |
| | | EN[ZEN] | 3 | | | | | EpiSensor | | | |
| MAB | Mapleton Ambulance Building Mapleton, UT | 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 | EHZ | 1 | UU | 41° 27.70' | 111° 30.45' | 2664 | 18300 | PSN | Analog | USGS |
| 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 | | | |
| 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 | EHZ | 1 | UU | 38° 11.57' | 111° 17.66' | 2387 | S13 | PSN | Analog | Utah |
| MOMT | Monida, MT | EHZ | 1 | MB | 44° 35.60' | 112° 23.66' | 2220 | * | * | Analog | MBMT |
| MOOW | Moose Ponds, WY | BH[ZEN] | 3 | IW | 43° 44.92' | 110° 44.69' | 2128 | 3ESP | RT-130 | 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 | EHZ | 1 | UU | 41° 11.94' | 111° 52.73' | 2743 | S13 | PSN | Analog | USGS |
| MPU | Maple Canyon, UT | EN[ZEN] | 3 | UU | 40° 00.93' | 111° 38.00' | 1909 | EpiSensor | ANSS-130 | Digital | ANSS USGS |
| | | HH[ZEN] | 3 | | | | | 3ESP | | | |
| 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 | EHZ | 1 | UU | 41° 42.55' | 112° 27.28' | 1373 | L4C | PSN | Analog | 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 | EN[ZEN] | 3 | UU | 41° 00.97' | 112° 13.68' | 1472 | EpiSensor | Etna2 | Digital | ANSS |
| NAIU | North Antelope Island, UT | EHZ | 1 | UU | 41° 00.97' | 112° 13.68' | 1472 | L4C | PSN | Analog | USGS |
| NLU | North Lily Mine, UT | EN[ZEN] | 3 | UU | 39° 57.29' | 112° 04.50' | 2036 | Episensor | ANSS-130 | 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 | EpiSensor | K2 | Digital | ANSS |
| | | HH[ZEN] | 3 | | | | | Trillium 120 | ANSS-130 | 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 |

| SEED Station | Location | SEED Channel | No. of Channels | Network Code | Latitude | Longitude | Elevation (meters) | Sensor | Digitizer | Telemetry | Sponsor |
|--------------|--|--------------|-----------------|--------------|------------|-------------|--------------------|--------------|-----------|-----------|------------|
| 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° 33.77' | 112° 01.61' | 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 | Applied Mems | ANSS-130 | 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 |
| PEUT | Pahvant Elementary School, Richfield, UT | EN[ZEN] | 3 | UU | 38° 46.55' | 112° 05.32' | 1644 | PA-23 | SMART-24 | Digital | Utah |
| PGA | 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 | K2 | 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 | | | |
| 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 | EHZ | 1 | 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 |
| 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 |

| SEED Station | Location | SEED Channel | No. of Channels | Network Code | Latitude | Longitude | Elevation (meters) | Sensor | Digitizer | Telemetry | Sponsor |
|--------------|---|--------------|-----------------|--------------|------------|-------------|--------------------|-----------------------|---------------|-------------------|------------|
| 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 |
| QUGS | 240 N Redwood Road, SLC, UT | HN[ZEN] | 3 | UU | 40° 46.45' | 111° 56.32' | 1300 | 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 EpiSensor | Basalt | Digital | USGS |
| | | EN[ZEN] | 3 | | | | | | | | |
| RCJ | Ross Creek, UT | EHZ | 1 | UU | 40° 39.51' | 111° 26.36' | 2090 | S13 | PSN | Analog | Utah |
| RDMU | Red Mountain, UT | HH[ZEN] | 3 | UU | 40° 34.25' | 109° 34.17' | 2087 | Trillium 120 PA-23 | SMART-24 | Digital | Utah |
| | | EN[ZEN] | 3 | | | | | | | | |
| REDW | Red-Top Meadows, WY | BH[ZEN] | 3 | IW | 43° 21.74' | 110° 51.18' | 2322 | 3ESP | RT-130 | Digital | ANSS |
| REUT | Washington Fields, Riverside Elementary School, UT | EN[ZEN] | 3 | UU | 37° 05.86' | 113° 31.16' | 791 | PA-23 | SMART-24 | Digital | Utah |
| 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 | Applied Mems | ANSS-130 | Digital | ANSS |
| RRCU | Rees Ranch, Coalville, UT | EHZ | 1 | UU | 40° 53.21' | 111° 26.22' | 2028 | L4C EpiSensor | Basalt | Digital | Utah, USGS |
| | | EN[ZEN] | 3 | | | | | | | | |
| RSUT | Red Spur, UT | EHZ | 1 | UU | 41° 38.31' | 111° 25.90' | 2682 | S13 EpiSensor | Basalt | Digital | USGS |
| | | EN[ZEN] | 3 | | | | | | | | |
| RWWY | Rawlins, WY | BH[ZEN] | 3 | IW | 41° 41.33' | 107° 12.61' | 2402 | 3ESP | RT-130 | Digital | ANSS |
| SAIU | South Antelope Island, UT | EHZ | 1 | UU | 40° 51.29' | 112° 10.89' | 1384 | L4C EpiSensor | PSN Basalt | Analog Digital | USGS |
| | | EHZ | 1 | | | | | | | | |
| | | 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 |

| SEED Station | Location | SEED Channel | No. of Channels | Network Code | Latitude | Longitude | Elevation (meters) | Sensor | Digitizer | Telemetry | Sponsor | |
|--------------|--|--------------|-----------------|--------------|------------|-------------|--------------------|--------------|-----------|-----------|---------------------|--|
| SCS | Syracuse City Cemetery Shop Syracuse, UT | EN[ZEN] | 3 | UU | 41° 05.73' | 112° 02.81' | 1321 | EpiSensor | K2 | Digital | ANSS | |
| SCUT | Santa Clara, UT | EN[ZEN] | 3 | UU | 37° 07.69' | 113° 38.68' | 837 | EpiSensor | Etna | 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 | EHZ | 1 | UU | 39° 10.94' | 111° 38.68' | 2357 | 18300 | PSN | Analog | USGS | |
| 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 | Applied Mems | ANSS-130 | Digital | ANSS | |
| SMAZ | Slide Mountain, AZ | EHZ | 1 | AR | 36° 19.29' | 113° 10.14' | 2200 | * | * | Analog | NAU | |
| SNO | Snow College, UT | EHZ | 1 | UU | 39° 19.18' | 111° 32.33' | 2503 | Ranger | PSN | Analog | Utah | |
| SNOW | Snowking Mountain, WY | BH[ZEN] | 3 | IW | 43° 27.75' | 110° 45.31' | 2390 | 3ESP | RT-130 | Digital | ANSS | |
| SNUT | Stansbury North, UT | EHZ | 1 | UU | 40° 53.10' | 112° 30.52' | 1652 | 18300 | PSN | Analog | USGS | |
| | | EHZ | 1 | | | | | | Basalt | Digital | | |
| | | EN[ZEN] | 3 | | | | | EpiSensor | | | | |
| SPR | Wildlife Resource Center Springville, UT | EN[ZEN] | 3 | UU | 40° 10.94' | 111° 36.71' | 1379 | EpiSensor | K2 | 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] | 3 | | | | | STS-2 | ANSS-130 | Digital | | |
| | | EN[ZEN] | 3 | | | | | EpiSensor | | | | |
| 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 | EHZ | 1 | UU | 39° 53.29' | 111° 47.45' | 2024 | 18300 | PSN | Analog | USGS | |
| 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 | |

| SEED Station | Location | SEED Channel | No. of Channels | Network Code | Latitude | Longitude | Elevation (meters) | Sensor | Digitizer | Telemetry | Sponsor |
|--------------|---|--------------|-----------------|--------------|------------|-------------|--------------------|-----------------------|-----------|-----------|------------|
| | | 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 EpiSensor | ANSS-130 | Digital | Utah, ANSS |
| | | EN[ZEN] | 3 | | | | | | | | |
| 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 | BH[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 PA-23 | SMART-24 | Digital | Utah |
| | | EN[ZEN] | 3 | | | | | | | | |
| W13A | Hualapai Mountain Park, Kingman, AZ | BH[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 | Etna | Digital | Utah |
| WCU | Willow Creek, UT | EHZ | 1 | UU | 38° 57.88' | 112° 05.44' | 2673 | 18300 EpiSensor | PSN | Analog | USGS |
| | | EHZ | 1 | | | | | | | | |
| | | EN[ZEN] | 3 | | | | | | Basalt | Digital | |
| 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 |

| SEED Station | Location | SEED Channel | No. of Channels | Network Code | Latitude | Longitude | Elevation (meters) | Sensor | Digitizer | Telemetry | Sponsor | |
|--------------|---|--------------|-----------------|--------------|------------|-------------|--------------------|--------------|-----------|-----------|---------|--|
| 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 | | | | | Applied Mems | ANSS-130 | Digital | | |
| WUAZ | Wupatki, AZ | BH[ZEN] | 3 | US | 35° 31.01' | 111° 22.43' | 1592 | * | * | Digital | USGS | |
| WVUT | Wellsville, UT | EHZ | 1 | UU | 41° 36.61' | 111° 57.55' | 1828 | L4C | PSN | Analog | 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 | Taurus | 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 | | | | | Titan | | | | |
| 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 | | | | | Titan | | | | |
| 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 | EH[ZEN] | 3 | WY | 44° 45.33' | 110° 20.95' | 2684 | S13 | PSN | Analog | 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 | | | | |

| SEED Station | Location | SEED Channel | No. of Channels | Network Code | Latitude | Longitude | Elevation (meters) | Sensor | Digitizer | Telemetry | Sponsor | |
|--------------|------------------------------|--------------|-----------------|--------------|------------|-------------|--------------------|--------------|-----------|-----------|---------|--|
| YMS | Mount Sheridan (YNP), WY | EHZ | 1 | WY | 44° 15.84' | 110° 31.67' | 3106 | L4C | PSN | Analog | USGS | |
| YMV | Mammoth Vault (YNP), WY | EHZ | 1 | WY | 44° 58.42' | 110° 41.33' | 1829 | L4C | PSN | Analog | 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 | Q330 | 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 | Compact | ANSS-130 | 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 | |

* Station operated by another agency and recorded as part of University of Utah regional seismic network

Network Statistics: 986 data channels from 315 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 |

| | |
|----|--|
| 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 | Kinematics 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 | Kinematics FBA-23 accelerometer |
| EpiSensor | Kinematics 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 | Kinematics Altus Series K2 (19-bit resolution field digitizer) |
| Etna | Kinematics 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 | Kinemetrics 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 | Kinemetrics Obsidian (24-bit resolution field digitizer) |
| Etna2 | Kinemetrics 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 OCTOBER 1–DECEMBER 31, 2019

NONE