

EARTHQUAKE ACTIVITY IN THE UTAH REGION

Preliminary Epicenters

July 1 – September 30, 2021

Prepared by the University of Utah Seismograph Stations and funded by
the U.S. Geological Survey (Cooperative Agreement No. G20AP00036) and
by the State of Utah

December 29, 2021

Foreword and Data Explanation

This report contains an epicenter map (Figure 1) and listings of earthquakes (Tables 1 and 2) detected and located in the Utah region (lat. 36° 45' – 42° 30' N, long. 108° 45' – 114° 15' W). The computer program HYPOINVERSE-2000 (F. W. Klein, 2012, U.S. Geological Survey Open-File Report 02-171 revised) was used to process the earthquake data. This report also includes maps and a table of operating seismograph stations in the University of Utah's regional/urban seismic network (Figures 2 and 3, Table 3).

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

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

- Date (yymmdd) and origin time in Universal Coordinated Time (UTC). To convert to local time, subtract seven hours for Mountain Standard Time (MST) and six hours for Mountain Daylight Time (MDT). During the report period, local time was MDT.
- Earthquake location coordinates in degrees and minutes of north latitude and west longitude, and depth in kilometers below sea level. Note that prior to October 1, 2012, the earthquake depths in these quarterly reports were computed relative to a datum of 1500 m above sea level.
- "*" indicates poor depth resolution: no recording stations within 10 km or twice the depth.
- MAG, the computed Richter local magnitude (M_L) for each earthquake. "W" indicates that peak amplitude measurements from Wood-Anderson records were used. Otherwise, the estimate is calculated from signal durations and is more correctly identified as coda magnitude (M_C). The notation "--" indicates that a reliable magnitude estimate could not be made.
- NO, the number of P and S readings used in the solution.
- GAP, the largest azimuthal separation in degrees between recording stations used in the solution.
- DMN, the epicentral distance in kilometers to the closest station.
- RMS, the weighted root-mean-square of the travel-time residuals in seconds:

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

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

EARTHQUAKE ACTIVITY IN THE UTAH REGION July 1 – September 30, 2021

by R. Burlacu, P. M. Roberson, J. M. Hale, B. Ericksen, and Z. Claerhout
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 July 1, 2021, through September 30, 2021, the University of Utah Seismograph Stations (UUSS) located 888 earthquakes within the Utah region (Figure 1). The total includes 58 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. Four earthquakes were reported felt during the report period (see Table 1, a cumulative tabulation of earthquakes during 2021 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

None

Other Notable Seismicity

During the report period, there were seven 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 22 earthquakes ($0.4 \leq M \leq 2.2$) occurred about 29 mi WNW of Garland, UT. 12 of these events, including a magnitude 2.2 shock, occurred between September 24 and September 30.
- B. A cluster of 12 earthquakes ($0.5 \leq M \leq 2.3$) occurred about 17 mi E of Smithfield, UT. Six of these events occurred on August 17.
- C. A cluster of 17 earthquakes ($0.2 \leq M \leq 2.6$) occurred about 10 mi SW of Tremonton, UT. 11 of these events, including a magnitude 2.6 shock, occurred between September 11 and September 13.
- D. A cluster of 13 earthquakes ($0.7 \leq M \leq 2.2$) occurred about 2 mi NE of Huntsville, UT. Five of these events, including a magnitude 2.2 shock, occurred between August 28 and August 29.
- E. A cluster of 24 earthquakes ($0.3 \leq M \leq 1.6$) occurred about 3 mi ENE of Magna, UT. Eight of these events, including a magnitude 1.6 shock, occurred between August 30 and September 4.
- F. A cluster of 26 earthquakes ($0.5 \leq M \leq 2.2$) occurred about 15 mi WSW of Sevier, UT. 22 of these events, including a magnitude 2.2 shock, occurred between August 27 and August 29.
- G. A cluster of 120 earthquakes ($-0.9 \leq M \leq 1.2$) occurred about 12 mi NE of Milford, UT. 59 of these events, including a magnitude 1.2 shock, occurred on July 30.

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 455 located shocks ($0.2 \leq M \leq 2.4$) that occurred during the report period.

Seismicity of the Utah Region July 1, 2021 - September 30, 2021

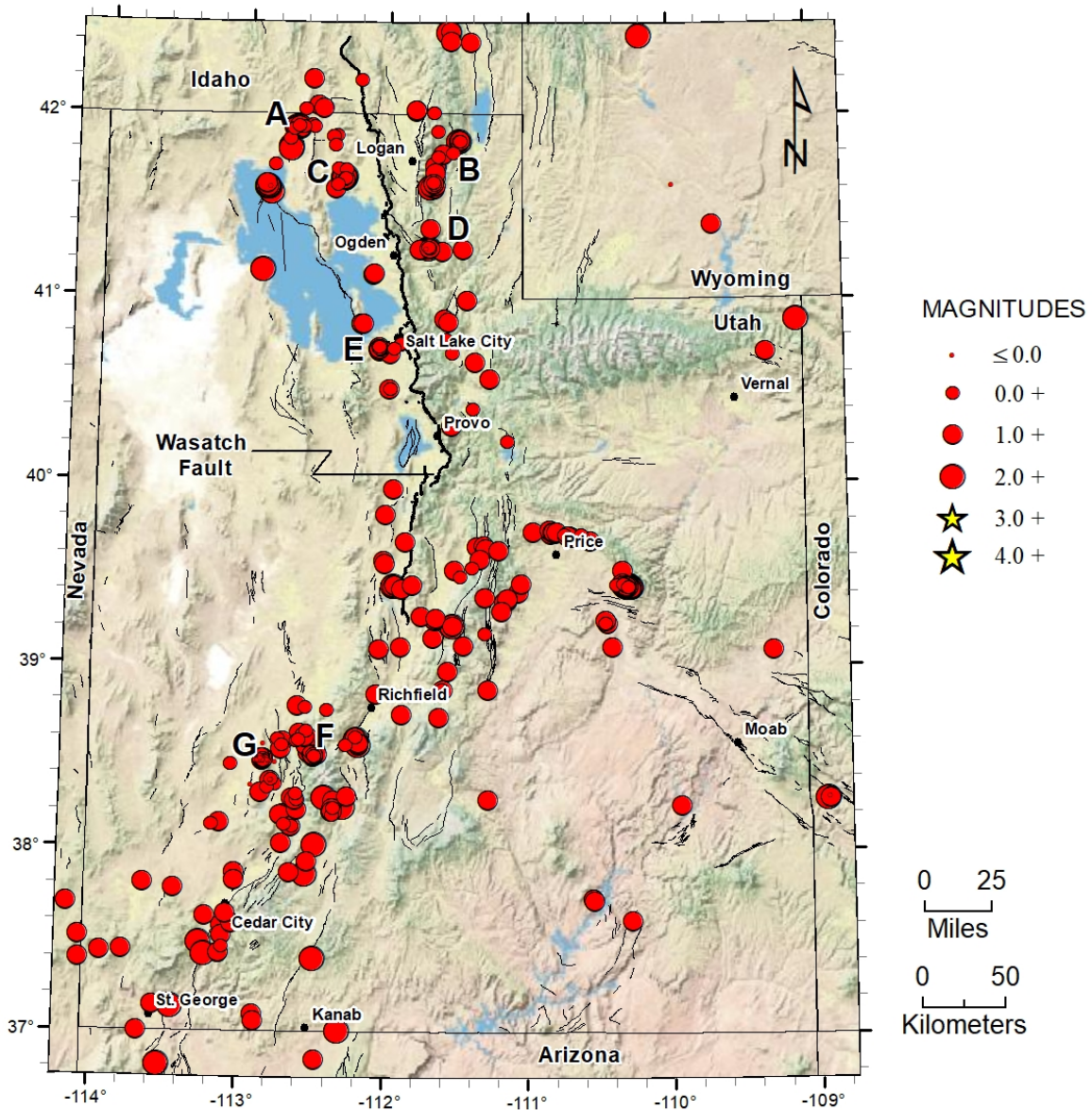


Figure 1. Earthquake epicenters, located by the University of Utah Seismograph Stations, superimposed on a map of Quaternary (geologically young) faults (black lines) compiled by the Utah Geological Survey. The Wasatch fault is shown in bold. Earthquakes of magnitude 3.0 and larger are labeled by local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

Table 1

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

January 1, 2021 to December 31, 2021

Date and Time†	Felt Information‡	Latitude	Longitude	Magnitude§
2021-03-05 23:31:15 MST 2021-03-06 06:31:15 UTC	DYFI	40° 21.85'	111° 26.18'	M _L 2.9
2021-03-28 19:35:57 MDT 2021-03-29 01:35:57 UTC	DYFI ShakeMap	38° 20.15'	113° 06.03'	M _L 3.2
2021-04-05 14:56:43 MDT 2021-04-05 20:56:43 UTC	DYFI ShakeMap	38° 43.83'	112° 06.39'	M _L 3.0
2021-04-06 13:20:39 MDT 2021-04-06 19:20:39 UTC	DYFI ShakeMap	41° 30.68'	112° 52.09'	M _L 3.5
2021-04-07 23:45:29 MDT 2021-04-08 05:45:29 UTC	DYFI ShakeMap	37° 46.82'	112° 56.63'	M _L 3.0
2021-04-25 06:29:54 MDT 2021-04-25 12:29:54 UTC	DYFI ShakeMap	37° 48.20'	113° 01.85'	M _L 3.0
2021-04-29 20:14:52 MDT 2021-04-30 02:14:52 UTC	DYFI	41° 09.85'	111° 40.48'	M _L 2.9
2021-05-16 19:22:18 MDT 2021-05-17 01:22:18 UTC	DYFI ShakeMap	41° 41.60'	111° 35.29'	M _L 3.2
2021-05-25 15:14:53 MDT 2021-05-25 21:14:53 UTC	DYFI ShakeMap	38° 04.65'	112° 24.32'	M _L 3.6
2021-06-09 13:52:50 MDT 2021-06-09 19:52:50 UTC	DYFI ShakeMap	40° 18.61'	111° 03.30'	M _L 3.7
2021-08-27 08:00:50 MDT 2021-08-27 14:00:30 UTC	DYFI	40° 52.76'	109° 05.22'	M _L 2.2
2021-09-11 11:10:07 MDT 2021-09-11 17:10:07 UTC	DYFI	41° 39.10'	112° 19.90'	M _L 2.6
2021-09-16 02:56:11 MDT 2021-09-16 08:56:11 UTC	DYFI	37° 25.15'	113° 13.23'	M _L 2.0
2021-09-24 05:32:42 MDT 2021-09-24 11:32:42 UTC	DYFI	37° 51.32'	112° 32.55'	M _L 2.0

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

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

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

Utah Regional/Urban Seismic Network September 30, 2021

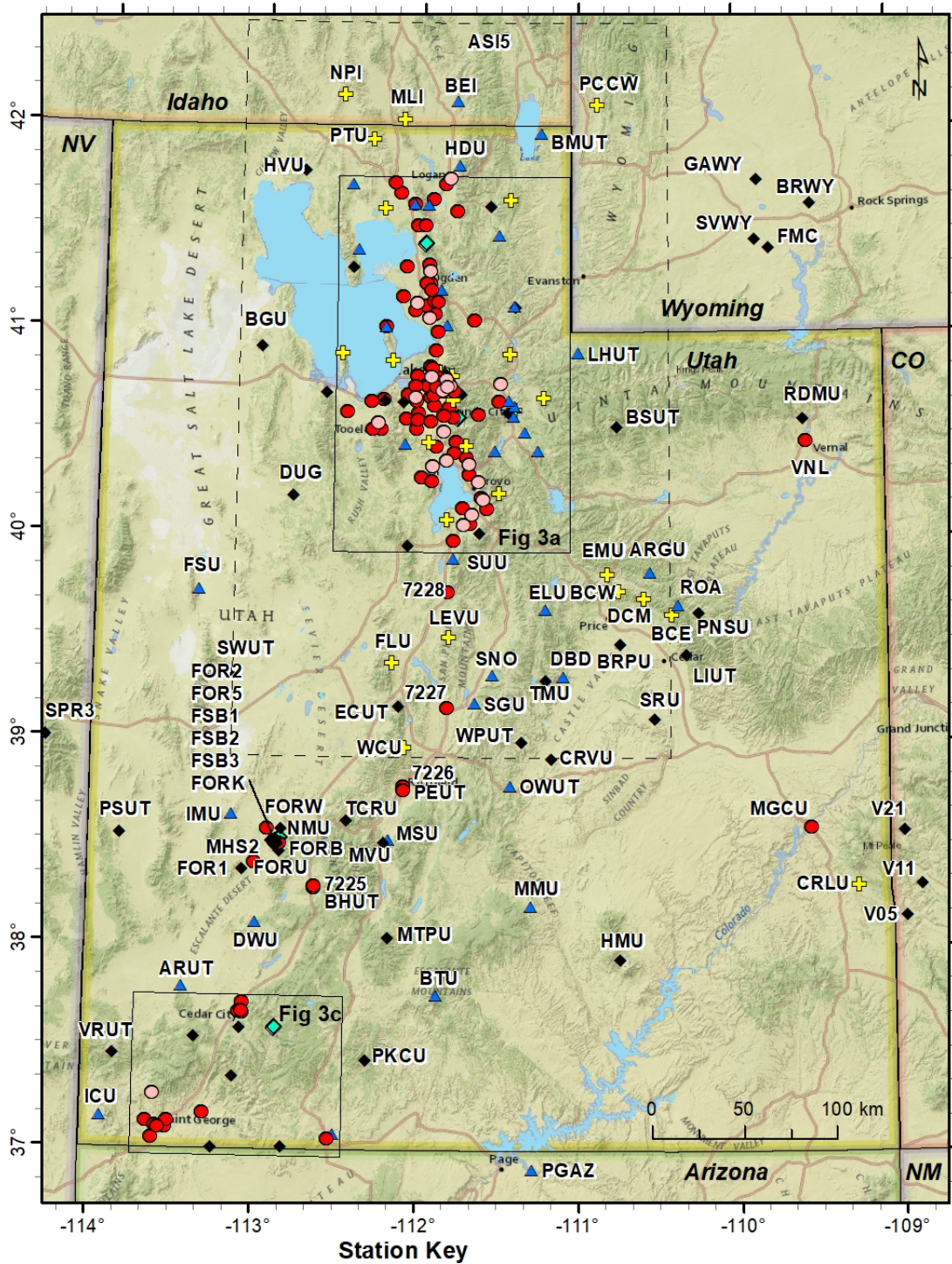


Figure 2

Utah Urban Seismic Network (September 30, 2021)

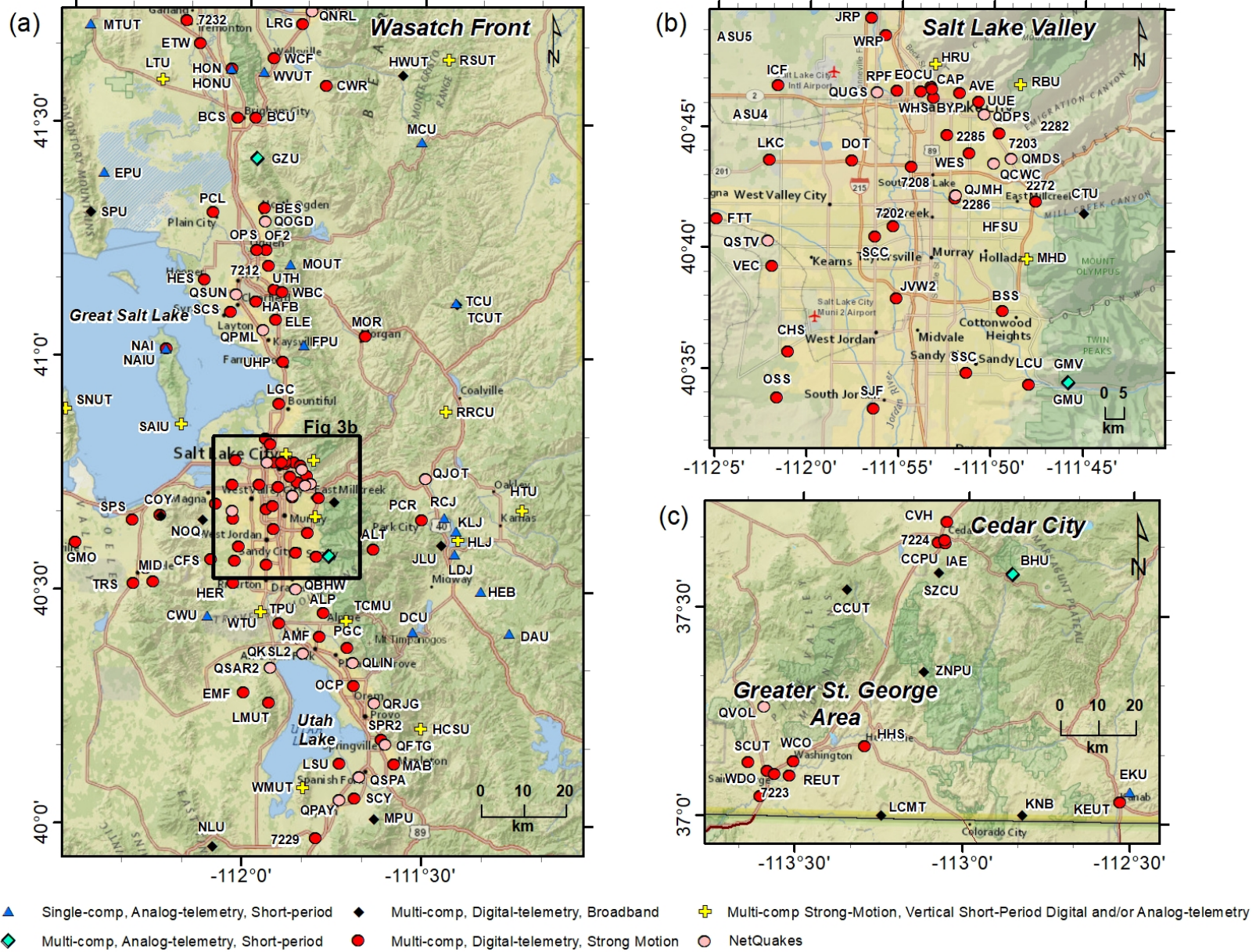


Figure 3

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2021

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
210701	06:04:42.85	40° 44.73'	111° 54.48'	9.1	0.8W	14	83	3	0.12
210702	12:24:03.63	38° 34.79'	112° 42.08'	7.5	1.4W	19	162	13	0.08
210702	14:34:34.90	40° 38.93'	111° 23.05'	9.8	1.4W	26	59	3	0.18
210703	13:50:18.05	37° 55.60'	112° 31.68'	8.1*	1.6W	18	103	46	0.25
210704	18:38:34.35	38° 36.17'	112° 32.03'	2.6	1.3W	10	140	8	0.07
210705	11:54:02.20	38° 45.97'	112° 32.93'	3.6*	0.9	13	127	20	0.13
210705	12:01:48.16	40° 44.46'	111° 54.58'	5.3	0.9W	17	90	5	0.09
210705	17:11:25.40	38° 12.90'	112° 21.24'	6.2*	1.4W	12	296	45	0.14
210706	03:43:15.80	40° 43.24'	112° 03.17'	7.8	0.6W	16	70	2	0.09
210707	14:04:44.88	38° 29.35'	112° 50.48'	1.8	-0.8	8	215	3	0.07
210707	14:04:50.29	38° 29.27'	112° 50.86'	1.0	-0.8	8	204	2	0.07
210707	14:05:16.77	38° 29.36'	112° 50.63'	0.2	-0.1	7	215	3	0.05
210707	14:54:51.67	37° 49.30'	113° 01.35'	1.8*	1.5W	17	97	26	0.22
210707	17:30:13.88	37° 23.85'	112° 28.41'	12.3*	2.1W	15	103	36	0.16
210707	22:27:18.46	38° 29.20'	112° 50.56'	-0.3	-0.5	11	214	3	0.11
210707	22:27:25.82	38° 29.27'	112° 50.58'	-0.2	0.4	11	213	3	0.11
210707	22:27:38.33	38° 29.40'	112° 50.23'	0.1	0.9W	9	232	3	0.06
210707	23:23:37.55	38° 29.41'	112° 50.17'	0.1	1.0W	11	223	3	0.05
210708	09:11:53.84	36° 59.81'	113° 40.08'	16.1	1.4W	10	191	29	0.08
210708	13:42:44.38	40° 43.09'	112° 03.25'	7.4	0.4	14	120	2	0.14
210708	13:43:14.15	40° 43.31'	112° 03.84'	6.9	0.9	17	89	2	0.07
210708	13:43:31.22	40° 43.77'	112° 03.77'	5.0	0.3	8	215	5	0.06
210708	18:09:50.06	37° 36.59'	110° 17.25'	10.9*	1.7W	10	142	54	0.15
210708	20:30:57.09	39° 26.19'	110° 20.20'	-1.6	1.0	7	150	2	0.03
210709	09:13:35.47	38° 29.24'	112° 50.15'	0.2	-0.2	11	236	3	0.09
210709	13:22:14.88	38° 29.30'	112° 50.18'	0.2	-0.4	8	234	3	0.05
210709	14:42:14.51	38° 29.45'	112° 50.04'	0.2	-0.5	7	239	3	0.06
210710	07:31:05.06	39° 24.81'	111° 53.36'	5.7*	1.0	10	85	12	0.06
210710	18:37:36.86	37° 37.79'	113° 12.97'	1.4*	1.2	11	156	12	0.14
210710	20:17:46.30	38° 28.75'	112° 50.75'	0.0	-0.7	9	215	3	0.05
210711	21:16:58.23	39° 28.66'	111° 28.92'	3.0*	0.9W	13	172	30	0.24
210711	22:16:06.66	37° 35.43'	113° 02.38'	9.1	1.3W	15	193	4	0.20
210711	23:22:53.92	42° 00.91'	111° 48.83'	4.0*	1.3W	15	100	12	0.16
210712	06:53:30.72	37° 23.37'	114° 04.70'	7.8*	1.0	7	275	21	0.07
210712	09:14:20.89	39° 30.98'	111° 31.35'	3.4*	1.4	7	242	36	0.14
210712	14:38:32.74	38° 28.39'	112° 47.80'	4.0	-0.4	10	280	6	0.09
210712	19:57:41.57	39° 25.64'	110° 17.56'	-3.2	1.7	11	200	3	0.13
210712	21:56:27.64	38° 08.05'	113° 07.86'	0.5*	1.5	10	201	12	0.12
210713	03:16:10.39	38° 11.12'	112° 41.07'	8.7*	1.8W	23	63	29	0.12
210713	03:55:21.65	42° 23.23'	111° 25.35'	6.3*	1.7W	10	86	42	0.10
210713	04:01:24.60	39° 25.79'	110° 18.18'	-1.1	1.5W	17	103	2	0.17
210713	17:14:13.08	38° 28.64'	112° 50.67'	0.1	-0.4	10	222	3	0.07
210714	00:27:54.20	39° 25.85'	110° 18.65'	-1.1	1.5W	10	194	1	0.10
210714	01:40:47.19	37° 27.68'	113° 06.18'	3.6*	0.7W	9	148	12	0.14

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2021

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
210714	02:04:19.85	39° 38.82'	111° 21.56'	8.1	1.6W	17	97	13	0.12
210714	06:11:13.17	38° 29.48'	112° 50.21'	-0.5	0.9W	10	221	2	0.11
210714	06:17:16.72	37° 26.26'	113° 46.89'	12.8	1.0	7	138	7	0.09
210714	16:35:24.12	40° 43.17'	112° 03.52'	7.8	0.7	18	94	2	0.11
210714	18:56:58.01	41° 22.47'	111° 42.10'	8.8*	1.2W	15	94	28	0.16
210714	19:04:05.26	41° 35.79'	111° 42.53'	5.9*	2.3W	30	47	12	0.25
210714	19:07:11.18	41° 36.83'	111° 40.67'	10.2	0.9	7	128	9	0.05
210714	19:19:43.40	41° 37.08'	111° 41.26'	9.0	1.0	7	172	10	0.09
210714	19:19:48.65	41° 35.51'	111° 40.90'	9.4	1.6	6	136	10	0.00
210715	02:29:29.91	39° 25.56'	110° 17.26'	-3.4	1.4	8	202	3	0.14
210715	03:24:21.97	39° 25.65'	110° 18.25'	-1.4	1.7	10	197	2	0.12
210715	10:36:27.15	41° 42.77'	111° 40.03'	9.4	1.2	14	68	13	0.10
210715	10:37:30.95	41° 42.83'	111° 40.31'	9.2	1.2	14	69	13	0.10
210715	10:44:29.61	41° 36.35'	111° 42.47'	3.1*	1.3W	17	89	12	0.15
210715	13:32:26.68	39° 05.16'	112° 02.77'	16.9	1.4W	14	108	12	0.11
210715	14:38:50.64	39° 25.99'	110° 19.00'	-1.0	1.0	5	178	1	0.01
210715	19:08:20.45	39° 25.67'	110° 18.53'	-0.9	1.4W	16	195	1	0.15
210715	22:27:01.66	38° 37.58'	112° 35.28'	0.1*	1.4W	13	127	12	0.12
210716	01:05:01.30	39° 25.86'	110° 18.42'	-1.3	1.3W	11	195	2	0.09
210716	04:29:14.91	41° 36.62'	111° 40.20'	10.1	1.2	11	66	9	0.11
210716	07:14:57.89	38° 29.30'	112° 50.52'	-1.2	-0.6	9	214	3	0.09
210716	07:18:39.09	38° 29.44'	112° 50.31'	0.1	-0.6	7	229	3	0.03
210716	07:39:47.73	38° 29.34'	112° 50.61'	-0.4	1.1W	15	137	1	0.10
210717	20:44:34.68	36° 50.81'	112° 27.50'	16.4	1.7W	11	169	26	0.19
210718	18:08:02.35	41° 24.13'	109° 41.04'	5.8	1.5	12	213	8	0.15
210719	18:10:49.92	39° 25.69'	110° 18.03'	-1.6	1.5W	12	182	2	0.11
210719	22:04:26.93	39° 06.02'	110° 24.94'	11.9	1.6W	16	180	9	0.19
210719	23:45:45.79	39° 25.70'	110° 18.24'	-1.6	1.5W	12	182	2	0.12
210720	02:19:52.71	39° 25.76'	110° 18.61'	-1.0	1.5	10	194	1	0.08
210720	03:20:06.36	40° 43.34'	112° 03.60'	8.6	0.8	17	91	2	0.15
210720	03:21:11.60	39° 25.64'	110° 18.12'	-1.6	1.5W	12	197	2	0.11
210720	08:24:33.72	38° 12.10'	112° 21.40'	6.1*	1.0	9	148	46	0.09
210720	11:24:12.47	37° 38.38'	113° 04.55'	1.1	1.2W	11	181	3	0.06
210720	16:27:19.83	39° 25.85'	110° 18.45'	-1.4	1.7W	11	195	2	0.12
210720	20:29:49.63	39° 26.19'	110° 19.98'	-1.3	1.2	6	149	2	0.02
210720	23:36:28.83	39° 25.84'	110° 18.62'	-1.2	1.5W	12	179	1	0.07
210721	03:32:48.55	39° 25.68'	110° 18.21'	-1.5	1.6W	12	182	2	0.12
210721	15:38:27.63	39° 25.72'	110° 18.10'	-1.6	1.7W	18	197	2	0.13
210721	18:17:28.99	39° 25.66'	110° 18.48'	-1.2	1.3W	9	195	2	0.12
210721	20:37:26.36	39° 25.80'	110° 18.54'	-1.2	1.4	8	195	2	0.08
210721	23:31:21.47	38° 07.59'	113° 11.40'	6.1*	0.7	8	115	17	0.07
210721	23:43:50.56	39° 25.63'	110° 18.08'	-1.6	1.3W	11	197	2	0.12
210722	00:00:47.72	39° 12.74'	111° 32.08'	16.7	2.3W	25	63	28	0.16
210722	02:33:02.69	39° 25.73'	110° 18.69'	-1.1	1.3W	9	194	1	0.12

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2021

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
210722	04:31:30.79	39° 25.91'	110° 18.59'	-1.4	1.6W	14	194	2	0.14
210722	10:41:34.05	41° 54.27'	111° 39.16'	10.5	0.5	7	104	14	0.03
210722	17:20:15.63	39° 25.89'	110° 18.70'	-1.2	1.1W	11	194	1	0.06
210722	17:30:52.46	39° 25.78'	110° 18.10'	-2.0	1.2W	8	197	2	0.12
210722	20:35:07.14	39° 25.67'	110° 18.53'	-1.1	1.6W	13	180	1	0.14
210722	21:32:45.97	39° 26.37'	110° 20.26'	-1.8	0.9	7	151	2	0.05
210722	21:50:53.86	38° 28.97'	112° 51.17'	3.2	-0.8	9	193	2	0.02
210723	02:47:24.30	39° 25.96'	110° 18.75'	-1.4	1.5W	8	194	1	0.12
210724	04:50:52.68	39° 14.91'	111° 39.16'	3.3*	1.6W	18	66	32	0.15
210724	04:55:50.88	39° 14.54'	111° 39.52'	3.5*	1.6W	18	95	32	0.15
210724	06:22:37.15	37° 48.35'	113° 39.05'	2.4*	1.5W	8	250	19	0.09
210724	09:46:20.61	39° 13.82'	110° 27.49'	12.7	0.9W	20	91	14	0.13
210724	16:40:13.27	41° 16.41'	111° 44.05'	13.6	1.5W	18	102	20	0.14
210724	17:39:32.93	39° 43.52'	110° 49.93'	-2.2	1.2W	9	114	8	0.12
210724	18:20:41.61	38° 29.41'	112° 50.29'	0.2	-0.3	9	230	3	0.04
210724	23:57:46.75	38° 50.40'	112° 03.82'	1.6	1.5W	11	154	7	0.10
210725	06:08:13.73	38° 28.84'	112° 50.82'	-0.3	-0.3	12	211	3	0.05
210725	07:00:29.64	38° 28.87'	112° 50.55'	0.2	-0.2	10	223	3	0.06
210726	03:34:37.49	39° 26.14'	111° 49.04'	4.5	1.0W	15	93	8	0.18
210726	04:16:42.82	40° 42.47'	109° 18.69'	6.1*	1.8W	10	132	27	0.18
210726	16:21:50.43	39° 25.81'	110° 18.62'	-0.9	1.1	10	194	1	0.13
210726	16:50:00.84	38° 14.05'	109° 56.22'	6.0*	1.2	9	150	60	0.22
210726	16:51:02.27	39° 25.55'	110° 17.91'	-2.1	0.2	6	199	2	0.03
210726	16:56:56.50	39° 25.78'	110° 18.57'	-1.2	1.6W	13	195	1	0.14
210727	00:50:28.91	39° 25.75'	110° 18.58'	-1.1	1.5W	10	195	1	0.11
210727	03:25:47.17	39° 25.69'	110° 18.11'	-1.7	1.5W	11	182	2	0.12
210727	04:26:07.31	39° 25.43'	110° 17.06'	-3.4	1.2W	5	203	4	0.10
210727	15:18:18.44	39° 25.76'	110° 18.46'	-1.1	1.5W	13	195	2	0.14
210727	16:39:45.97	39° 25.79'	110° 18.54'	-1.2	1.1W	10	195	2	0.09
210727	17:22:34.92	39° 26.45'	111° 03.01'	2.2*	1.1W	11	109	15	0.13
210727	17:28:41.46	39° 25.60'	110° 17.84'	-2.1	1.7W	13	199	2	0.14
210727	22:12:43.87	39° 26.11'	110° 19.98'	-1.3	1.0	6	149	1	0.02
210728	00:06:38.71	40° 23.66'	111° 23.76'	9.4	0.6	14	187	11	0.12
210728	05:47:16.88	39° 20.81'	111° 10.16'	1.5	1.0W	7	143	7	0.17
210728	14:21:06.28	39° 25.44'	110° 17.16'	-3.2	1.6	6	203	3	0.10
210728	15:29:23.89	39° 25.39'	110° 18.23'	-1.1	1.8	11	197	2	0.16
210728	16:42:18.45	40° 41.76'	111° 59.24'	6.6	1.2	17	80	5	0.13
210728	17:03:30.18	39° 25.92'	110° 19.26'	-1.4	1.6W	20	113	1	0.18
210728	18:08:25.98	39° 25.69'	110° 18.79'	-1.0	1.8	9	194	1	0.10
210728	18:48:26.40	39° 25.80'	110° 18.82'	-1.0	0.6	5	194	1	0.02
210728	20:04:13.78	39° 25.75'	110° 18.68'	-1.1	1.2W	10	194	1	0.06
210728	20:26:23.11	39° 25.86'	110° 18.82'	-1.0	1.1W	10	194	1	0.05
210728	20:42:15.07	39° 06.46'	111° 27.42'	6.9*	1.3W	10	127	15	0.05
210728	20:57:33.77	39° 25.20'	110° 16.65'	-0.2	1.1W	6	206	4	0.06

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2021

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
210728	21:05:43.20	39° 26.07'	110° 19.71'	-1.0	1.0	7	147	1	0.01
210728	23:06:15.53	39° 25.97'	110° 19.31'	-1.3	1.6W	9	177	1	0.15
210728	23:31:24.63	39° 42.25'	110° 43.45'	-2.9	1.0	6	144	3	0.07
210728	23:31:51.87	39° 25.49'	110° 18.40'	-1.2	1.6W	9	196	2	0.11
210728	23:35:41.36	38° 11.04'	112° 41.74'	0.8*	1.8W	13	129	11	0.15
210729	04:27:30.27	39° 25.51'	110° 17.69'	-2.1	1.3W	11	200	3	0.11
210729	05:29:11.78	39° 25.74'	110° 18.76'	-1.1	1.3W	8	194	1	0.13
210729	05:37:30.36	39° 25.85'	110° 18.13'	-1.8	1.5W	12	168	2	0.15
210729	13:26:10.40	38° 51.98'	111° 36.24'	18.8	0.8W	7	204	26	0.05
210729	17:42:50.52	39° 25.89'	110° 18.74'	-1.3	1.8W	20	115	1	0.15
210729	18:19:08.47	39° 25.49'	110° 18.08'	-1.5	1.4W	15	198	2	0.14
210729	19:41:06.77	39° 25.74'	110° 18.65'	-1.2	1.4	10	194	1	0.10
210729	23:28:37.55	39° 25.85'	110° 18.81'	-0.9	1.5W	12	194	1	0.13
210729	23:52:56.52	41° 36.75'	112° 22.38'	1.0	0.2	6	136	9	0.10
210730	00:27:34.19	39° 25.81'	110° 18.65'	-1.0	1.8	9	194	1	0.07
210730	01:26:53.23	39° 25.65'	110° 18.54'	-1.0	1.6W	14	195	1	0.14
210730	01:49:27.91	38° 28.65'	112° 50.35'	0.1	--	12	231	3	0.05
210730	01:49:36.17	38° 28.65'	112° 50.67'	0.1	--	10	222	3	0.05
210730	01:49:50.51	38° 28.58'	112° 50.41'	0.1	0.2	14	230	3	0.04
210730	01:50:36.57	38° 28.62'	112° 50.74'	-0.2	--	12	219	2	0.06
210730	01:59:11.22	38° 28.29'	112° 52.27'	-0.2	--	8	163	2	0.14
210730	02:33:50.15	38° 28.83'	112° 50.91'	-0.1	-0.8	11	207	3	0.13
210730	02:36:50.27	38° 28.47'	112° 50.33'	1.0	0.3	13	236	2	0.05
210730	02:40:27.54	38° 28.67'	112° 50.76'	0.2	--	10	217	2	0.05
210730	02:40:53.55	38° 28.68'	112° 50.67'	-0.2	-0.3	13	219	3	0.04
210730	02:40:58.60	38° 28.55'	112° 50.69'	0.1	-0.5	10	223	2	0.04
210730	02:41:03.16	38° 28.68'	112° 50.56'	-0.2	-0.5	13	223	3	0.05
210730	02:41:06.11	38° 28.62'	112° 50.58'	0.1	-0.9	11	226	3	0.04
210730	02:46:17.91	38° 28.87'	112° 50.72'	0.9	-0.4	8	282	3	0.01
210730	02:48:10.46	38° 28.56'	112° 50.35'	0.6	0.9W	16	160	3	0.06
210730	02:49:22.86	38° 28.78'	112° 50.83'	0.6	0.9W	7	282	3	0.02
210730	02:49:50.50	38° 28.71'	112° 50.47'	-0.2	-0.4	10	225	3	0.04
210730	02:50:00.08	38° 28.95'	112° 50.79'	1.2	--	11	279	3	0.03
210730	02:51:55.02	38° 28.53'	112° 50.54'	0.1	-0.3	15	227	2	0.05
210730	02:53:07.43	38° 28.52'	112° 53.03'	2.3	-0.3	5	196	1	0.08
210730	02:56:18.60	38° 28.51'	112° 50.67'	0.2	-0.7	10	256	2	0.03
210730	02:59:52.18	38° 28.52'	112° 51.09'	-0.1	-0.9	8	207	2	0.05
210730	03:01:33.14	38° 28.62'	112° 50.83'	-0.2	-0.7	14	215	2	0.06
210730	03:02:07.22	38° 28.41'	112° 50.08'	0.3	0.1	10	170	3	0.04
210730	03:05:23.80	38° 28.58'	112° 51.02'	-0.2	--	9	239	2	0.02
210730	03:06:08.62	38° 28.61'	112° 50.77'	-0.2	0.4	12	218	2	0.04
210730	03:06:16.36	38° 28.62'	112° 50.93'	-0.2	-0.3	10	210	2	0.03
210730	03:07:54.28	38° 28.88'	112° 50.86'	0.6	-0.3	7	280	3	0.01
210730	03:08:08.15	38° 28.48'	112° 50.63'	0.1	-0.1	10	227	2	0.04

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2021

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
210730	03:10:30.91	38° 28.62'	112° 50.72'	-0.2	-0.2	9	220	2	0.03
210730	03:10:56.02	38° 28.59'	112° 50.08'	0.2	-0.6	6	246	3	0.04
210730	03:13:30.61	38° 28.56'	112° 50.58'	0.0	-0.1	13	226	2	0.04
210730	03:46:07.63	38° 28.58'	112° 50.80'	-0.2	0.2	14	148	2	0.04
210730	03:47:18.87	38° 28.38'	112° 50.49'	0.1	--	12	236	2	0.05
210730	03:47:42.72	38° 28.39'	112° 50.59'	0.1	0.1	12	231	2	0.04
210730	03:48:05.07	38° 28.72'	112° 51.07'	-0.1	--	10	235	2	0.06
210730	03:55:02.00	38° 28.50'	112° 50.19'	0.1	--	12	245	3	0.05
210730	03:55:13.51	38° 28.56'	112° 50.84'	-0.2	-0.3	12	216	2	0.03
210730	03:55:19.42	38° 28.59'	112° 50.64'	-0.3	0.5	14	224	2	0.04
210730	03:55:28.35	38° 28.46'	112° 50.61'	0.1	--	13	229	2	0.03
210730	03:55:41.94	38° 28.61'	112° 50.60'	-0.3	--	14	226	3	0.04
210730	03:56:28.50	38° 28.42'	112° 50.61'	0.1	-0.6	12	230	2	0.03
210730	03:57:33.93	38° 28.60'	112° 50.49'	1.0	1.2W	9	248	3	0.01
210730	03:57:37.38	38° 28.86'	112° 51.19'	0.9	--	7	274	2	0.01
210730	04:02:40.02	38° 28.42'	112° 50.52'	0.1	0.4	15	231	2	0.05
210730	04:10:20.59	38° 28.61'	112° 50.66'	-0.2	-0.4	13	221	2	0.04
210730	04:15:01.13	39° 25.89'	110° 19.13'	-0.9	1.5	7	191	1	0.04
210730	04:16:26.24	38° 28.49'	112° 51.03'	-0.1	0.4	15	143	2	0.05
210730	04:21:18.99	39° 25.93'	110° 18.84'	-0.8	1.3	7	192	1	0.11
210730	05:10:22.54	39° 25.67'	110° 17.80'	-2.8	1.2W	7	199	2	0.06
210730	05:26:08.17	39° 25.54'	110° 17.80'	-2.4	1.4	6	199	2	0.06
210730	06:12:20.11	38° 28.41'	112° 50.91'	0.1	-0.1	7	216	2	0.03
210730	06:12:22.91	38° 28.44'	112° 51.06'	-0.6	-0.2	8	208	2	0.15
210730	06:12:35.66	38° 28.25'	112° 51.73'	0.0	-0.5	6	165	1	0.01
210730	06:20:38.31	38° 28.50'	112° 50.45'	0.3	0.0	15	232	3	0.05
210730	06:22:48.29	38° 28.51'	112° 50.49'	0.1	-0.2	14	230	3	0.06
210730	06:32:59.83	38° 28.65'	112° 50.80'	-0.2	-0.5	11	215	2	0.04
210730	06:33:18.97	38° 28.62'	112° 50.84'	-0.2	-0.3	13	214	2	0.07
210730	07:45:26.15	38° 29.23'	112° 50.68'	0.5	1.1W	19	137	1	0.09
210730	08:00:00.04	38° 29.16'	112° 50.12'	0.1	0.1	15	227	3	0.07
210730	08:50:18.93	42° 01.43'	112° 36.74'	1.3*	0.9	9	219	16	0.07
210730	09:39:07.27	38° 29.11'	112° 50.22'	0.2	-0.4	13	226	3	0.06
210730	10:16:41.82	38° 29.02'	112° 50.35'	1.1	-0.4	8	223	3	0.03
210730	11:06:35.58	38° 28.67'	112° 50.36'	0.1	--	12	230	3	0.05
210730	11:06:41.76	38° 28.93'	112° 50.24'	0.1	0.0	10	290	3	0.03
210730	15:23:04.61	39° 40.71'	110° 34.21'	-3.4	1.0W	11	88	2	0.08
210731	00:35:11.35	39° 25.91'	110° 18.53'	-1.2	1.5	9	195	2	0.07
210731	07:54:39.45	41° 35.75'	112° 52.21'	9.9*	2.3W	22	198	36	0.19
210731	07:56:17.46	41° 35.69'	112° 52.90'	9.4*	2.2W	21	186	37	0.16
210731	07:57:46.45	41° 35.81'	112° 52.92'	8.9*	1.6W	16	140	37	0.15
210731	08:04:20.10	41° 36.06'	112° 51.75'	8.2*	--	24	194	35	0.20
210731	08:04:28.30	41° 34.15'	112° 50.88'	10.9*	2.4W	25	213	42	0.25
210731	10:50:41.85	41° 35.96'	112° 53.74'	7.1*	1.8W	15	141	38	0.23

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2021

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
210731	10:51:41.75	41° 35.97'	112° 52.84'	7.6*	2.0W	18	209	36	0.18
210731	13:24:09.85	37° 41.35'	114° 10.01'	5.5*	1.5W	13	115	37	0.20
210731	16:50:13.73	40° 44.04'	112° 03.47'	5.6	0.3	14	89	2	0.13
210731	20:37:18.72	41° 15.64'	111° 28.39'	7.8*	1.5W	23	131	17	0.19
210801	02:58:58.78	41° 36.94'	112° 53.37'	3.9*	1.0	9	247	37	0.20
210801	05:17:27.00	41° 42.00'	112° 22.28'	8.2	0.8	10	101	8	0.06
210801	08:42:12.20	40° 13.16'	111° 09.04'	3.0*	0.7	11	87	23	0.18
210801	13:11:31.07	38° 30.18'	112° 50.85'	0.2	0.2	11	172	2	0.05
210801	20:04:05.41	38° 20.66'	112° 45.19'	10.2	0.8	13	177	20	0.09
210802	16:02:37.91	42° 01.26'	111° 48.52'	2.6*	1.0	13	99	11	0.09
210802	16:44:55.64	39° 25.56'	110° 17.85'	-1.9	1.3W	11	199	2	0.13
210802	17:18:56.22	39° 25.49'	110° 18.01'	-1.6	1.3W	13	199	2	0.15
210802	18:27:39.96	39° 26.39'	110° 20.57'	-2.8	1.2	8	117	2	0.08
210802	20:38:56.71	39° 26.47'	110° 18.96'	-3.1	1.4	6	187	2	0.03
210802	20:44:45.07	39° 24.86'	110° 17.80'	-1.4	1.3W	8	270	3	0.13
210802	20:51:04.08	39° 24.77'	110° 17.64'	-1.6	1.6	8	272	3	0.12
210803	00:36:37.90	39° 26.04'	110° 19.09'	-1.6	1.5W	11	124	1	0.15
210803	03:04:44.19	39° 25.96'	110° 19.34'	-1.3	1.5W	11	124	1	0.17
210803	04:21:03.12	38° 10.97'	112° 42.83'	3.9*	1.1	9	269	26	0.05
210803	14:26:12.86	39° 25.56'	110° 17.96'	-1.9	1.3W	7	199	2	0.11
210803	14:39:46.01	39° 25.75'	110° 18.38'	-1.4	1.5W	8	196	2	0.13
210803	15:04:43.40	38° 34.05'	112° 49.90'	7.6	--	11	278	2	0.07
210803	15:53:38.70	39° 25.39'	110° 17.02'	-3.4	1.1W	6	203	4	0.11
210803	16:00:20.32	39° 25.48'	110° 17.77'	-2.0	1.2W	6	200	3	0.11
210803	16:44:52.59	39° 25.49'	110° 17.95'	-1.8	1.2W	8	199	2	0.12
210803	16:49:26.98	39° 25.53'	110° 17.88'	-1.8	1.2W	9	199	2	0.11
210803	17:55:08.98	39° 25.95'	110° 19.14'	-0.9	1.4	9	191	1	0.05
210803	18:36:52.26	39° 25.98'	110° 19.08'	-1.1	1.5	9	191	1	0.03
210803	19:29:02.16	39° 25.58'	110° 18.11'	-1.8	1.2	8	197	2	0.09
210803	23:43:24.86	39° 25.53'	110° 17.78'	-2.0	1.1W	6	200	2	0.11
210803	23:55:42.35	39° 25.55'	110° 17.40'	-3.1	1.3W	8	202	3	0.13
210804	04:20:46.10	40° 43.67'	112° 01.58'	8.9	0.8W	20	81	1	0.10
210804	07:06:48.72	39° 42.94'	110° 50.63'	-3.2	1.8W	19	53	9	0.26
210804	11:25:11.68	38° 16.65'	112° 24.95'	10.9*	2.2W	24	73	46	0.14
210804	16:59:32.47	39° 25.85'	110° 18.84'	-1.1	1.4W	12	193	1	0.10
210804	17:26:42.22	39° 25.98'	110° 19.21'	-0.9	1.0	6	188	1	0.01
210804	18:25:29.67	39° 25.77'	110° 18.78'	-1.0	1.6W	13	179	1	0.11
210804	19:43:02.84	39° 25.69'	110° 18.59'	-1.2	1.2W	11	195	1	0.14
210804	20:49:58.96	39° 12.88'	111° 31.75'	18.2	1.0W	12	137	28	0.12
210804	23:39:37.00	39° 25.80'	110° 18.66'	-1.1	1.1W	11	194	1	0.07
210805	01:27:45.28	39° 25.51'	110° 17.66'	-2.6	1.4W	10	200	3	0.12
210805	03:02:30.27	39° 25.79'	110° 18.60'	-1.2	1.5W	15	194	1	0.11
210805	12:13:32.64	39° 15.88'	111° 45.25'	13.4*	1.6W	21	92	34	0.17
210805	15:45:13.88	39° 25.48'	110° 17.92'	-1.9	1.4W	6	199	2	0.12
210805	17:02:23.06	40° 17.99'	111° 32.66'	3.5*	1.5W	30	78	13	0.22

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2021

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
210805	17:18:42.39	39° 25.55'	110° 17.77'	-2.1	1.4W	16	200	2	0.14
210805	20:28:07.64	39° 25.41'	110° 17.25'	-3.3	1.2W	6	202	3	0.10
210805	21:13:18.83	37° 07.80'	113° 26.32'	13.4	2.2W	18	108	6	0.15
210805	21:52:52.26	38° 28.05'	112° 45.09'	4.5	-0.2	7	221	10	0.02
210805	23:58:49.94	39° 25.67'	110° 18.07'	-1.6	1.1W	7	197	2	0.08
210806	02:42:37.84	39° 25.84'	110° 18.79'	-1.1	1.2	5	194	1	0.03
210806	02:58:37.08	39° 25.97'	110° 19.39'	-0.9	1.1	5	174	1	0.01
210806	03:19:21.03	39° 25.77'	110° 18.44'	-1.9	1.7W	11	181	2	0.14
210806	04:17:24.82	39° 26.28'	110° 19.29'	-2.3	1.4W	9	175	2	0.20
210806	09:21:27.37	39° 25.96'	110° 18.53'	-1.3	1.4	10	194	2	0.10
210806	10:45:54.62	41° 41.75'	112° 18.92'	4.2*	0.7	10	99	12	0.17
210806	18:42:07.29	42° 23.60'	111° 33.90'	10.8*	1.2	13	108	36	0.13
210806	19:15:29.95	39° 15.22'	111° 38.82'	11.8*	1.2W	9	154	38	0.09
210806	22:11:37.39	38° 42.82'	111° 37.26'	8.8*	1.7W	10	176	19	0.10
210807	12:08:53.70	40° 43.10'	111° 57.57'	3.4	0.8W	15	69	1	0.11
210807	12:37:35.77	39° 30.93'	110° 20.29'	1.7	1.2W	11	141	10	0.12
210807	16:48:37.24	38° 10.84'	112° 21.29'	6.0*	0.9	9	147	48	0.13
210807	17:40:28.98	39° 21.23'	111° 08.73'	-1.3	1.0W	8	167	6	0.05
210807	22:35:40.32	38° 12.24'	112° 21.98'	6.1*	1.4W	12	267	46	0.20
210808	07:44:12.60	38° 33.67'	112° 16.30'	11.7	0.9	9	165	16	0.08
210808	09:49:36.34	42° 11.15'	112° 33.64'	4.8	1.4W	14	243	6	0.20
210808	17:03:15.19	38° 28.91'	112° 50.88'	2.7	-0.6	9	173	4	0.05
210808	19:19:56.11	42° 01.75'	112° 29.09'	1.0*	1.0	9	168	13	0.18
210808	20:28:12.87	37° 00.33'	112° 18.30'	24.9	2.0W	9	126	19	0.12
210808	21:16:00.10	39° 25.93'	110° 18.76'	-1.1	1.5	6	194	1	0.03
210809	16:23:13.13	39° 40.33'	111° 52.17'	5.8	1.4W	15	88	7	0.14
210809	17:35:02.68	39° 25.71'	110° 18.75'	-1.2	1.7W	13	179	1	0.14
210809	20:28:58.88	39° 25.79'	110° 18.88'	-1.3	1.4W	13	193	1	0.15
210809	23:29:51.14	39° 25.85'	110° 18.82'	-1.1	1.4W	14	194	1	0.08
210810	00:36:25.09	39° 25.86'	110° 17.98'	-2.0	1.5	9	198	2	0.08
210810	01:37:58.17	39° 25.87'	110° 18.81'	-1.3	2.1W	22	179	1	0.16
210810	03:02:21.38	39° 25.72'	110° 18.25'	-1.6	1.4W	9	197	2	0.10
210810	15:02:20.07	39° 25.36'	110° 17.38'	-2.5	1.3W	10	202	3	0.13
210810	15:43:43.78	38° 29.99'	112° 51.07'	-0.2	--	15	128	1	0.10
210810	15:51:23.49	39° 26.33'	110° 19.96'	-2.1	1.9W	28	61	2	0.24
210810	19:01:20.85	38° 13.16'	112° 21.14'	6.1*	0.8	9	268	44	0.09
210811	02:00:40.52	39° 25.81'	110° 18.80'	-1.1	1.3W	12	194	1	0.10
210811	04:49:44.74	39° 25.62'	110° 17.73'	-2.2	1.4	6	200	3	0.07
210811	06:32:48.00	39° 32.95'	112° 00.63'	11.0	1.3	14	148	17	0.23
210811	08:31:34.82	39° 44.14'	110° 51.14'	-3.4	1.5W	16	129	9	0.26
210811	14:03:19.00	37° 51.93'	112° 39.00'	11.0*	1.8W	16	87	41	0.18
210811	14:45:34.24	39° 25.61'	110° 16.95'	-3.4	2.0W	17	169	4	0.21
210811	14:56:43.31	37° 03.49'	112° 52.56'	17.4	1.3W	10	150	7	0.14
210811	16:09:31.37	39° 25.60'	110° 18.01'	-1.7	1.2W	15	198	2	0.13

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2021

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
210811	21:30:11.28	41° 38.76'	112° 19.44'	3.2	0.7	9	133	9	0.16
210811	22:34:54.16	41° 55.51'	112° 32.84'	4.2*	0.7	11	187	18	0.12
210811	22:42:28.11	41° 56.33'	112° 33.55'	4.9*	0.9	8	196	19	0.21
210812	10:48:36.36	38° 43.85'	111° 52.94'	16.4	1.6W	18	104	32	0.16
210812	20:30:09.87	39° 25.51'	110° 17.20'	-3.4	1.7	6	203	3	0.10
210812	23:03:00.86	38° 01.63'	112° 42.22'	8.4*	1.3	11	185	27	0.12
210812	23:15:49.28	39° 25.51'	110° 17.67'	-2.2	1.5	8	200	3	0.10
210812	23:34:16.42	39° 25.96'	110° 18.57'	-1.8	2.2W	20	115	2	0.17
210813	01:59:48.87	38° 29.50'	112° 50.17'	0.1	-0.3	10	235	3	0.07
210813	03:05:53.54	41° 52.82'	112° 22.93'	8.5	0.5	8	145	7	0.17
210813	18:34:28.59	41° 46.71'	111° 36.83'	9.7	1.0	13	78	13	0.12
210814	01:28:07.25	39° 42.69'	110° 45.02'	-3.4	0.9	8	156	2	0.10
210814	02:30:12.83	38° 51.99'	111° 16.90'	2.0*	1.1W	7	166	11	0.08
210814	16:31:16.86	41° 52.62'	112° 24.66'	5.2	0.5	7	154	9	0.08
210814	21:44:06.10	37° 34.63'	113° 06.10'	0.1	1.8W	15	68	2	0.21
210814	22:49:13.02	38° 35.11'	112° 36.69'	2.1*	0.8W	10	173	15	0.05
210814	23:53:05.63	39° 26.34'	110° 19.78'	-1.5	0.7	5	149	2	0.03
210815	23:41:49.14	38° 13.44'	112° 16.89'	8.8*	2.0W	21	46	45	0.24
210816	16:32:49.46	39° 25.77'	110° 18.49'	-1.3	1.1W	7	195	2	0.04
210816	19:48:03.23	39° 25.62'	110° 18.46'	-1.3	1.8W	15	196	2	0.12
210817	05:19:40.18	39° 25.62'	110° 17.65'	-2.3	1.6W	13	200	3	0.13
210817	07:42:00.38	41° 51.41'	111° 30.23'	6.0*	1.1	15	101	22	0.13
210817	07:42:59.88	41° 50.95'	111° 29.72'	6.5*	0.5	8	133	23	0.04
210817	08:02:03.35	41° 50.98'	111° 30.17'	5.8*	0.9	14	97	22	0.11
210817	10:20:15.81	41° 51.19'	111° 29.92'	8.5*	1.0	11	131	23	0.08
210817	17:22:26.68	39° 37.41'	111° 12.56'	-2.8	1.1W	12	195	2	0.11
210817	18:13:52.61	41° 51.06'	111° 30.03'	1.4*	0.8	10	99	23	0.16
210817	18:14:00.74	41° 50.59'	111° 30.12'	5.9*	1.6	22	57	22	0.19
210817	20:02:05.18	39° 25.88'	110° 18.49'	-1.6	1.3W	12	195	2	0.09
210817	20:06:22.53	39° 25.77'	110° 18.33'	-1.7	2.2	11	196	2	0.13
210817	22:32:13.88	39° 26.03'	110° 19.11'	-1.3	1.6	5	191	1	0.01
210818	00:10:12.78	39° 25.95'	110° 17.91'	-1.6	1.6	6	198	2	0.04
210818	04:00:11.16	39° 25.77'	110° 18.65'	-1.4	1.6	13	194	1	0.13
210818	04:41:07.61	39° 25.72'	110° 18.40'	-1.3	1.2W	6	196	2	0.08
210818	06:11:01.81	39° 10.19'	111° 18.34'	3.2*	0.5W	7	196	16	0.09
210818	07:50:23.93	37° 30.82'	114° 04.80'	11.7	1.9W	11	137	21	0.15
210818	14:57:35.42	39° 25.64'	110° 18.27'	-1.4	1.4	6	197	2	0.08
210818	15:19:37.02	39° 25.56'	110° 18.33'	-1.5	1.5W	10	197	2	0.12
210819	01:23:50.13	40° 51.53'	112° 11.42'	3.0*	1.8W	41	60	16	0.16
210819	01:34:03.34	40° 51.53'	112° 11.36'	7.7*	1.2W	21	61	18	0.21
210819	04:28:32.30	39° 25.76'	110° 18.70'	-1.1	1.5W	9	194	1	0.09
210819	14:36:44.71	39° 25.62'	110° 18.20'	-1.5	1.3	5	197	2	0.08
210819	15:47:35.87	39° 25.41'	110° 17.57'	-2.5	1.4	6	200	3	0.10
210819	16:13:07.24	39° 25.66'	110° 18.19'	-1.6	1.3	6	197	2	0.08

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2021

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
210819	16:32:15.54	39° 25.73'	110° 19.15'	-0.8	0.9	6	192	1	0.02
210819	16:47:55.23	39° 26.16'	110° 18.86'	-1.6	0.9	6	192	2	0.05
210819	18:31:23.47	39° 25.49'	110° 17.94'	-1.8	1.6W	11	199	2	0.13
210819	18:45:45.83	39° 25.57'	110° 17.99'	-2.0	1.6	11	198	2	0.12
210819	20:52:49.56	39° 25.90'	110° 19.35'	-1.0	1.5	5	180	1	0.00
210819	21:43:28.85	38° 38.32'	112° 32.47'	7.0	0.8	9	163	9	0.04
210819	23:24:42.38	39° 25.89'	110° 18.81'	-1.2	1.4W	8	194	1	0.06
210819	23:42:51.46	39° 25.58'	110° 18.14'	-1.6	1.4W	8	197	2	0.10
210820	00:19:19.38	39° 25.66'	110° 18.31'	-1.4	1.1	7	197	2	0.06
210820	00:48:05.16	39° 57.46'	111° 57.22'	8.5	1.3W	10	79	10	0.07
210820	02:08:55.74	39° 25.59'	110° 18.55'	-1.3	1.5W	10	195	1	0.12
210820	03:23:20.01	37° 31.25'	113° 06.17'	12.0	1.5W	12	139	8	0.13
210820	04:15:05.13	39° 25.47'	110° 17.96'	-1.8	1.4	7	199	2	0.12
210820	04:21:00.23	39° 25.63'	110° 18.16'	-1.6	1.2W	9	197	2	0.14
210820	05:23:09.26	39° 25.72'	110° 18.66'	-1.2	1.6	7	194	1	0.05
210820	05:37:21.68	39° 25.68'	110° 18.57'	-1.2	1.4	10	195	1	0.09
210820	05:42:40.75	39° 25.58'	110° 17.71'	-2.9	1.2W	13	200	3	0.12
210820	06:48:03.50	38° 35.67'	112° 11.46'	8.4*	2.8W	32	47	22	0.25
210820	06:48:13.48	38° 33.58'	112° 10.72'	10.5*	2.7W	20	118	24	0.12
210820	07:34:38.90	41° 51.35'	111° 30.32'	6.4*	1.6W	21	58	22	0.14
210820	12:41:03.12	41° 51.30'	111° 29.82'	8.1*	1.4	16	112	23	0.19
210820	15:41:33.51	38° 36.22'	112° 12.24'	17.4	0.9	13	159	21	0.08
210820	16:06:46.59	38° 33.81'	112° 10.98'	13.9	1.3W	13	117	24	0.09
210820	16:17:44.84	38° 34.17'	112° 10.61'	14.4	1.0	9	169	24	0.15
210821	01:12:54.01	41° 51.10'	111° 30.04'	4.9*	1.5W	20	85	23	0.12
210821	01:43:40.79	41° 51.04'	111° 30.06'	6.5*	2.3W	19	131	23	0.12
210821	02:45:33.26	38° 16.65'	108° 54.43'	0.9	1.6W	11	83	4	0.12
210821	05:21:09.68	39° 25.89'	110° 19.36'	-1.0	1.0	6	179	1	0.04
210821	07:33:49.01	38° 16.91'	108° 54.77'	0.8	--	9	83	4	0.09
210821	08:11:24.67	38° 18.23'	112° 51.23'	9.7	1.0W	12	163	17	0.14
210821	12:42:31.41	38° 36.07'	112° 12.23'	15.3	1.5W	17	89	21	0.12
210821	13:21:06.96	38° 36.20'	112° 12.22'	15.4	1.0W	9	164	21	0.06
210821	13:47:25.54	38° 44.92'	112° 23.94'	1.6*	0.8	5	176	16	0.08
210821	20:25:00.99	41° 51.25'	111° 29.82'	6.5*	1.7W	13	106	23	0.06
210822	00:50:27.45	39° 22.21'	111° 18.36'	18.2	1.5W	11	189	12	0.07
210822	08:24:41.08	40° 51.53'	112° 10.47'	2.2*	1.0	7	131	18	0.06
210822	10:22:38.18	39° 38.99'	111° 18.89'	3.0*	1.6W	20	71	40	0.16
210822	11:57:59.39	38° 28.94'	112° 50.46'	0.2	0.5	8	226	3	0.04
210822	11:58:34.70	38° 28.96'	112° 50.43'	0.2	-0.7	8	227	3	0.06
210822	11:58:50.32	38° 29.02'	112° 50.81'	-2.2	-0.7	6	209	3	0.09
210822	12:07:29.00	38° 29.03'	112° 50.82'	-3.4	-0.4	7	209	3	0.09
210822	12:07:58.70	38° 28.90'	112° 50.85'	-0.3	-0.3	6	209	3	0.03
210822	12:08:07.65	38° 29.00'	112° 50.27'	0.3	-0.3	7	233	3	0.05
210822	19:11:26.52	38° 58.11'	111° 34.01'	24.9	1.9W	28	51	18	0.18

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2021

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
210823	07:08:56.92	38° 15.78'	112° 20.94'	6.1*	1.6W	11	266	39	0.08
210823	15:29:40.29	39° 25.36'	110° 17.33'	-3.4	1.4W	13	185	3	0.12
210823	16:39:41.83	38° 12.64'	112° 35.97'	12.9	1.0	10	236	8	0.20
210823	17:40:42.31	39° 25.97'	110° 19.63'	-1.0	1.5	6	153	1	0.04
210823	17:59:30.45	39° 25.45'	110° 17.80'	-2.0	1.2W	9	200	2	0.11
210823	19:01:26.43	39° 25.62'	110° 18.42'	-1.2	1.5W	12	196	2	0.13
210823	19:35:50.82	39° 14.63'	110° 27.70'	10.4	0.9	11	171	16	0.06
210823	20:22:00.97	39° 25.78'	110° 18.76'	-1.0	1.4W	10	194	1	0.05
210823	20:52:11.43	39° 25.74'	110° 18.06'	-1.8	1.4	7	197	2	0.08
210823	23:47:10.89	39° 25.56'	110° 18.22'	-1.5	1.4W	9	197	2	0.12
210824	00:51:00.67	39° 25.66'	110° 18.55'	-1.3	1.2W	6	195	1	0.08
210824	01:24:08.44	39° 25.53'	110° 17.61'	-2.7	0.9	6	200	3	0.12
210824	02:59:28.29	39° 25.50'	110° 18.38'	-1.4	1.2W	6	196	2	0.11
210824	03:07:41.17	39° 25.57'	110° 18.15'	-1.6	1.4W	8	197	2	0.12
210824	03:38:21.95	39° 25.84'	110° 18.35'	-1.7	1.3W	9	195	2	0.10
210824	03:46:41.42	39° 25.61'	110° 18.15'	-1.6	1.3W	7	197	2	0.07
210824	12:36:23.08	36° 48.84'	113° 31.12'	8.6*	2.3W	13	187	33	0.22
210824	14:04:29.13	39° 05.99'	111° 53.52'	4.0*	1.2W	10	122	22	0.06
210824	14:31:19.33	39° 25.51'	110° 17.97'	-1.8	1.2W	7	199	2	0.11
210824	15:13:54.32	39° 25.47'	110° 17.96'	-1.8	1.1W	7	199	2	0.11
210824	15:37:44.11	39° 25.51'	110° 17.97'	-1.8	1.5	7	199	2	0.12
210824	18:35:01.38	39° 26.04'	110° 18.46'	-1.9	1.2W	12	195	2	0.09
210824	19:55:42.84	39° 25.57'	110° 18.11'	-1.7	1.6W	15	128	2	0.16
210824	22:29:35.55	41° 35.50'	112° 23.25'	6.6	1.4	25	138	10	0.18
210824	23:14:16.36	39° 26.06'	110° 19.88'	-1.3	1.2W	7	111	1	0.06
210825	01:22:36.08	39° 25.76'	110° 18.28'	-1.6	1.6	5	197	2	0.07
210825	02:10:28.07	39° 25.55'	110° 18.29'	-1.4	1.3W	7	197	2	0.12
210825	02:23:41.64	39° 25.54'	110° 18.55'	-1.2	1.2W	6	195	1	0.11
210825	02:39:32.31	39° 26.10'	110° 19.72'	-1.6	2.0W	20	64	1	0.17
210825	04:08:49.06	39° 25.72'	110° 18.38'	-1.6	1.2W	8	196	2	0.12
210825	04:50:14.83	39° 25.49'	110° 17.77'	-2.2	1.3W	8	200	3	0.11
210825	14:17:03.17	42° 26.48'	111° 34.86'	4.8*	2.3W	27	62	40	0.23
210825	14:37:04.43	42° 26.72'	111° 33.83'	4.2*	1.8W	16	62	41	0.17
210825	15:02:08.91	39° 25.72'	110° 18.36'	-1.5	1.2W	9	196	2	0.13
210825	15:11:16.25	39° 25.73'	110° 18.35'	-1.6	1.4W	9	196	2	0.14
210825	18:06:39.65	39° 25.86'	110° 18.93'	-1.1	1.0W	7	192	1	0.04
210825	18:49:48.74	39° 25.82'	110° 18.28'	-1.8	1.5W	9	197	2	0.08
210825	19:14:00.23	39° 25.75'	110° 18.47'	-1.5	1.7W	13	180	2	0.13
210826	01:04:53.06	39° 25.51'	110° 17.97'	-1.9	1.5	11	199	2	0.14
210826	01:52:03.02	39° 25.72'	110° 18.75'	-1.0	1.2W	11	194	1	0.07
210826	02:58:11.05	39° 25.64'	110° 18.63'	-1.2	1.5W	9	194	1	0.13
210826	03:39:58.13	39° 25.81'	110° 18.53'	-1.3	1.6	5	195	2	0.03
210826	04:28:06.69	39° 25.95'	110° 18.55'	-1.7	2.1W	24	103	2	0.17
210826	05:11:07.74	39° 25.75'	110° 18.96'	-1.2	1.1W	7	192	1	0.03

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2021

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
210826	05:42:06.82	39° 25.77'	110° 18.39'	-1.6	1.5W	9	195	2	0.13
210826	07:34:46.46	40° 43.57'	112° 03.91'	7.2	0.5	29	52	2	0.17
210826	14:13:07.39	39° 25.88'	110° 19.16'	-1.0	1.2	5	191	1	0.02
210826	14:25:57.12	39° 25.47'	110° 17.96'	-1.8	1.5	7	199	2	0.12
210826	15:49:11.68	41° 39.16'	111° 40.54'	5.3*	1.7W	27	70	11	0.19
210826	15:54:05.34	39° 25.80'	110° 18.11'	-1.9	1.0	6	197	2	0.13
210826	16:22:35.77	39° 25.85'	110° 18.60'	-1.2	0.7	5	194	2	0.02
210826	16:26:49.63	39° 25.65'	110° 17.74'	-2.3	1.7W	13	200	3	0.17
210826	16:38:06.73	39° 25.82'	110° 18.83'	-1.2	1.1	5	194	1	0.03
210826	16:43:11.22	39° 25.31'	110° 16.87'	-3.4	1.3W	6	205	4	0.11
210826	16:51:29.06	39° 26.05'	110° 19.37'	-1.2	1.6	5	173	1	0.01
210826	17:19:49.55	38° 28.42'	112° 51.75'	-0.2	--	7	164	2	0.04
210826	17:19:59.77	38° 28.45'	112° 50.30'	0.6	-0.1	9	242	3	0.03
210826	17:20:04.25	38° 28.75'	112° 52.29'	-0.1	--	7	134	2	0.14
210826	17:20:08.19	38° 28.55'	112° 52.15'	-0.9	-0.4	7	140	2	0.16
210826	17:20:26.35	38° 28.44'	112° 51.63'	-0.2	-0.3	8	173	2	0.11
210826	17:20:43.87	38° 28.41'	112° 51.77'	-0.2	-0.6	8	162	2	0.05
210826	17:22:55.79	38° 28.41'	112° 50.68'	1.1	-0.2	11	227	2	0.04
210826	17:23:02.25	38° 28.50'	112° 50.50'	0.1	0.0	11	230	2	0.04
210826	17:23:09.43	38° 28.63'	112° 50.35'	0.1	-0.5	11	231	3	0.05
210826	17:26:00.73	38° 28.39'	112° 50.49'	1.2	-0.4	14	234	2	0.05
210826	17:46:18.11	39° 26.65'	110° 20.32'	-2.4	1.1	5	151	3	0.13
210826	17:56:32.88	39° 25.79'	110° 18.09'	-1.9	1.4	6	197	2	0.07
210826	18:10:08.75	39° 25.81'	110° 17.96'	-2.3	1.3	6	243	2	0.10
210826	19:58:19.83	39° 25.82'	110° 18.86'	-1.1	1.5	5	193	1	0.04
210826	19:59:23.60	39° 25.86'	110° 19.21'	-1.0	1.1	5	191	1	0.01
210826	20:12:32.77	39° 25.77'	110° 18.48'	-1.3	1.5W	7	195	2	0.04
210826	21:03:27.08	39° 25.66'	110° 18.65'	-1.2	1.5W	8	194	1	0.12
210827	00:40:43.03	39° 25.66'	110° 18.10'	-2.1	1.9W	17	169	2	0.15
210827	01:58:19.96	39° 25.42'	110° 17.29'	-3.3	1.3	5	202	3	0.09
210827	03:59:48.04	39° 25.58'	110° 18.15'	-1.6	1.5	5	197	2	0.07
210827	07:18:32.47	39° 31.62'	111° 23.88'	3.0*	0.9W	11	173	21	0.08
210827	07:29:25.93	37° 51.89'	113° 01.63'	13.4*	1.6W	11	209	27	0.12
210827	08:49:47.02	39° 42.65'	110° 37.82'	-2.1	0.8	10	84	4	0.07
210827	12:36:00.32	38° 33.54'	112° 32.45'	2.8	1.2W	11	139	10	0.15
210827	13:07:02.46	38° 30.93'	112° 29.65'	8.8	1.5W	19	148	11	0.08
210827	13:08:13.69	38° 31.33'	112° 31.64'	-3.0*	1.4W	16	160	12	0.11
210827	13:16:37.87	38° 31.47'	112° 29.72'	11.2	1.7W	21	103	10	0.08
210827	13:29:34.87	38° 30.57'	112° 29.56'	7.2	0.5	7	242	12	0.03
210827	13:37:42.69	38° 31.20'	112° 30.09'	8.1	1.4W	20	104	11	0.10
210827	13:45:50.37	38° 30.13'	112° 29.61'	4.1*	1.1W	14	208	13	0.04
210827	13:50:56.24	38° 30.99'	112° 30.55'	3.7*	1.4W	18	154	12	0.10
210827	13:59:47.32	38° 31.33'	112° 30.57'	3.2*	0.6	11	223	11	0.10
210827	14:00:30.06	40° 52.76'	109° 05.22'	2.7*	2.2W	21	148	53	0.28

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2021

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
210827	14:09:02.16	38° 30.59'	112° 29.79'	5.9*	1.2W	11	233	12	0.05
210827	14:14:34.95	38° 31.50'	112° 30.00'	8.8	1.5W	23	122	10	0.09
210827	15:17:23.97	38° 29.92'	112° 29.47'	4.1*	1.5W	14	204	13	0.03
210827	15:35:24.92	38° 30.27'	112° 29.33'	7.0	1.1W	15	209	12	0.05
210827	15:36:10.73	38° 30.88'	112° 29.99'	8.5	1.5W	14	173	11	0.14
210827	15:43:39.11	38° 32.41'	112° 29.55'	14.0	1.7W	12	187	9	0.13
210827	17:43:07.49	38° 30.68'	112° 30.03'	4.5*	1.1W	11	202	12	0.04
210827	17:59:39.99	38° 29.74'	112° 29.08'	6.0*	0.5	8	242	13	0.02
210827	23:01:34.96	39° 25.55'	110° 18.52'	-1.3	1.5	7	196	1	0.12
210828	00:47:59.84	39° 25.31'	110° 16.93'	-3.3	1.3W	5	205	4	0.11
210828	01:03:43.74	38° 31.47'	112° 29.69'	10.9	2.2W	19	101	10	0.18
210828	01:03:58.48	39° 25.59'	110° 18.14'	-1.6	2.0	9	197	2	0.14
210828	01:12:29.82	38° 31.12'	112° 29.22'	11.2	1.6W	15	157	11	0.06
210828	01:33:17.77	39° 25.78'	110° 18.94'	-1.1	1.4W	7	192	1	0.07
210828	01:54:21.71	39° 25.65'	110° 18.68'	-1.2	1.6W	9	194	1	0.12
210828	02:04:49.98	39° 25.72'	110° 18.49'	-1.5	1.3W	10	195	2	0.12
210828	02:36:48.69	39° 25.33'	110° 16.92'	-3.4	1.4	5	205	4	0.11
210828	05:56:11.11	38° 46.62'	112° 36.43'	6.4*	1.2W	9	167	23	0.07
210828	15:41:23.39	38° 29.53'	112° 50.21'	0.1	-0.6	11	234	3	0.06
210828	23:54:45.86	41° 16.09'	111° 42.87'	12.0	1.9W	32	93	21	0.16
210829	00:15:12.06	41° 16.02'	111° 43.00'	12.1	2.2W	39	93	21	0.19
210829	00:23:19.55	41° 16.22'	111° 43.04'	11.4	0.7	15	105	21	0.18
210829	00:24:27.35	41° 16.41'	111° 43.52'	13.1	1.2W	21	103	21	0.20
210829	02:09:22.53	40° 30.10'	111° 59.17'	8.7	1.5W	36	47	6	0.17
210829	02:42:30.91	41° 16.12'	111° 43.43'	13.4	1.1W	16	103	21	0.13
210829	14:54:13.10	38° 29.83'	112° 29.14'	5.9*	0.4	8	248	13	0.03
210829	14:54:21.17	38° 30.61'	112° 27.89'	14.1	1.3W	15	229	11	0.07
210829	14:57:58.98	38° 29.99'	112° 29.31'	5.9*	1.2W	16	210	13	0.06
210830	08:51:50.08	38° 35.41'	112° 44.44'	0.9	0.3	11	187	10	0.04
210830	13:39:23.71	40° 42.80'	112° 03.43'	8.2	1.6W	34	48	2	0.15
210830	13:56:53.13	41° 43.06'	112° 49.62'	6.2*	0.9	8	225	31	0.08
210830	15:33:44.99	39° 25.60'	110° 17.99'	-2.1	1.4W	11	183	2	0.12
210830	16:22:02.65	39° 25.53'	110° 18.07'	-1.6	1.6W	12	183	2	0.11
210830	16:47:38.38	40° 43.16'	112° 03.78'	8.1	0.7	11	123	2	0.14
210830	17:17:02.36	39° 26.13'	110° 19.74'	-1.4	1.2W	6	148	1	0.04
210830	18:36:40.58	39° 25.55'	110° 17.81'	-2.7	1.9W	16	183	2	0.17
210830	18:58:21.63	39° 25.44'	110° 17.77'	-2.6	1.3W	11	200	2	0.13
210830	19:10:42.79	39° 25.72'	110° 18.21'	-1.5	1.5	10	197	2	0.08
210830	20:04:01.48	39° 25.80'	110° 20.69'	-1.4	1.6	10	94	2	0.07
210830	21:04:21.10	39° 25.57'	110° 17.99'	-2.0	1.6	13	198	2	0.13
210831	00:39:26.97	39° 25.65'	110° 18.60'	-1.3	1.4W	9	195	1	0.13
210831	01:24:31.61	38° 20.54'	112° 55.08'	1.8*	0.0	8	261	14	0.24
210831	01:24:41.04	38° 19.65'	112° 48.22'	3.6*	0.1	9	293	15	0.15
210831	01:24:56.03	38° 22.29'	112° 46.52'	5.8*	-0.1	9	223	12	0.06
210831	01:30:15.84	38° 22.15'	112° 47.07'	7.7	1.6W	14	151	12	0.13

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2021

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
210831	01:51:48.84	39° 25.60'	110° 18.54'	-1.3	1.4W	9	195	1	0.13
210831	02:00:41.63	38° 22.00'	112° 46.64'	7.0	-0.2	8	225	13	0.04
210831	02:00:54.49	38° 22.24'	112° 46.80'	7.5	-0.2	7	223	12	0.03
210831	02:07:02.80	38° 22.21'	112° 46.77'	6.7	0.1	10	223	12	0.04
210831	02:17:00.69	39° 25.58'	110° 18.56'	-1.2	1.3W	8	195	1	0.13
210831	02:50:01.91	39° 26.26'	110° 18.20'	-3.3	2.0W	23	100	2	0.22
210831	03:28:47.01	39° 25.93'	110° 19.11'	-1.5	1.4W	15	103	1	0.17
210831	05:13:57.36	39° 25.42'	110° 18.45'	-1.4	1.4W	15	181	2	0.16
210831	05:29:55.74	39° 25.29'	110° 16.87'	-3.3	1.2W	5	205	4	0.13
210831	05:52:23.56	39° 25.58'	110° 18.00'	-1.8	1.3W	9	198	2	0.14
210831	07:34:33.77	38° 16.28'	108° 54.95'	1.0	1.4	12	84	5	0.06
210831	10:47:12.38	39° 25.88'	110° 19.22'	-1.1	1.4	6	177	1	0.04
210831	11:39:46.72	42° 25.61'	110° 11.85'	34.8	2.3W	26	92	65	0.18
210831	15:24:47.55	39° 25.48'	110° 18.29'	-1.7	1.6	9	197	2	0.12
210831	17:14:55.40	39° 25.53'	110° 17.78'	-2.2	1.2W	11	200	2	0.11
210831	17:55:17.60	39° 25.95'	110° 18.86'	-1.3	1.3W	11	192	1	0.07
210831	18:09:53.84	39° 25.75'	110° 17.94'	-2.2	1.4W	10	198	2	0.10
210831	18:32:22.40	39° 25.46'	110° 18.24'	-1.4	1.4W	10	197	2	0.12
210831	18:49:29.59	39° 38.12'	111° 17.94'	-3.4	1.5W	11	114	8	0.13
210831	19:38:36.17	39° 25.83'	110° 18.49'	-1.5	1.5	8	195	2	0.07
210831	19:57:31.39	39° 25.98'	110° 18.59'	-1.9	2.1W	17	115	2	0.19
210831	20:08:34.63	39° 13.78'	110° 26.85'	13.6	1.9W	19	93	15	0.13
210831	21:50:31.01	39° 42.09'	110° 42.12'	-2.5	1.1	8	125	5	0.09
210831	23:38:43.32	39° 25.53'	110° 18.44'	-1.4	1.7	8	181	2	0.12
210901	00:00:44.50	39° 25.60'	110° 18.51'	-1.3	1.4W	7	195	1	0.12
210901	00:21:48.57	39° 25.87'	110° 18.78'	-1.2	1.6	8	179	1	0.08
210901	01:17:06.32	39° 26.00'	110° 19.35'	-1.6	1.5W	11	113	1	0.16
210901	03:08:13.40	39° 25.40'	110° 17.63'	-2.4	1.6	6	200	3	0.11
210901	03:54:54.05	39° 25.46'	110° 18.39'	-1.4	1.6	7	196	2	0.12
210901	04:27:12.47	38° 07.23'	112° 38.19'	6.0*	1.1	8	148	32	0.15
210901	04:28:02.21	38° 07.78'	112° 41.10'	6.0*	0.9	7	244	28	0.12
210901	04:35:56.73	38° 06.96'	112° 38.04'	1.5*	0.9	8	148	32	0.06
210901	11:21:53.65	40° 43.05'	112° 03.59'	9.1	1.2	14	122	4	0.09
210901	11:33:32.64	40° 42.73'	112° 03.76'	8.5	1.4W	29	49	3	0.16
210901	17:56:03.54	39° 25.72'	110° 18.47'	-1.4	1.6W	12	180	2	0.13
210901	19:14:20.34	41° 51.72'	112° 43.29'	8.1*	0.9	7	217	31	0.18
210901	19:53:50.13	40° 41.87'	111° 32.48'	8.7	0.9W	14	86	10	0.09
210901	20:23:38.00	39° 25.88'	110° 19.24'	-1.2	2.3W	18	113	1	0.17
210901	20:41:41.39	41° 08.68'	112° 54.02'	0.6*	2.0W	14	200	42	0.12
210902	01:07:47.40	39° 25.58'	110° 18.54'	-1.5	1.2W	7	195	1	0.11
210902	01:15:12.16	39° 25.74'	110° 18.65'	-1.2	1.3W	8	194	1	0.07
210902	03:26:34.68	39° 25.49'	110° 18.15'	-1.7	1.2W	8	197	2	0.12
210902	05:43:22.92	39° 25.78'	110° 18.03'	-2.0	1.4W	12	182	2	0.16
210902	06:47:32.68	40° 43.32'	112° 03.78'	8.7	0.3W	12	84	2	0.10

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2021

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
210902	06:47:46.63	40° 43.95'	112° 03.89'	8.6	1.2W	31	53	3	0.22
210902	09:04:54.71	38° 28.86'	112° 50.23'	0.0	-0.2	7	236	3	0.15
210902	09:05:05.67	38° 28.71'	112° 48.32'	5.5	-0.6	5	288	5	0.08
210902	09:07:55.45	38° 28.88'	112° 50.21'	0.1	0.9W	9	229	3	0.08
210902	10:55:20.45	37° 43.67'	110° 32.95'	12.3*	1.8	12	90	29	0.15
210902	13:59:45.60	40° 29.98'	111° 58.83'	6.9	0.9W	15	85	5	0.11
210902	16:54:36.99	39° 25.74'	110° 18.97'	-1.1	1.5W	8	178	1	0.13
210902	16:59:13.36	37° 42.92'	110° 32.84'	5.4*	1.7	9	158	30	0.19
210902	17:45:30.40	39° 25.61'	110° 17.81'	-2.5	1.6	6	183	2	0.11
210902	19:23:24.94	39° 26.17'	110° 18.21'	-3.0	2.2W	20	100	2	0.23
210902	20:30:52.74	41° 16.04'	111° 42.80'	11.5	1.0	19	84	16	0.13
210902	23:37:04.76	37° 25.49'	113° 07.03'	3.1*	1.3W	11	118	19	0.07
210902	23:54:37.97	39° 26.08'	111° 56.87'	4.4*	1.7W	18	61	14	0.15
210903	01:25:24.34	42° 10.92'	112° 12.65'	1.4*	0.8	9	199	19	0.18
210903	03:33:46.17	39° 25.83'	111° 56.84'	4.8*	2.1W	25	61	14	0.15
210903	04:08:57.28	39° 25.44'	111° 57.38'	0.6*	1.7W	14	61	15	0.16
210903	04:35:33.56	41° 15.04'	111° 37.05'	4.7*	1.2W	22	59	23	0.13
210903	04:39:43.67	39° 25.66'	110° 18.63'	-1.2	1.2	6	194	1	0.08
210903	04:50:50.73	41° 15.95'	111° 42.78'	11.8	1.5W	27	96	16	0.16
210903	05:13:59.04	39° 25.70'	110° 18.74'	-1.2	1.5W	10	179	1	0.13
210903	05:31:22.38	39° 26.29'	110° 20.30'	-2.7	1.5	7	109	2	0.18
210903	06:30:02.62	37° 25.58'	113° 07.15'	8.2*	1.7W	19	80	19	0.09
210903	06:41:49.76	38° 16.91'	112° 15.37'	6.7*	1.0	10	174	40	0.03
210903	10:12:45.50	38° 17.63'	112° 36.69'	4.9	0.8	10	212	3	0.13
210903	10:28:32.56	41° 16.14'	111° 42.86'	12.6	1.2	21	85	16	0.14
210903	11:21:35.22	41° 16.09'	111° 43.74'	11.4	--	16	81	15	0.14
210903	11:21:40.21	41° 15.80'	111° 46.84'	10.4	1.1W	11	172	11	0.08
210903	16:11:11.36	39° 26.45'	110° 20.94'	-3.5	1.5	6	154	3	0.14
210903	16:38:26.90	41° 40.62'	111° 40.42'	9.2	1.1	11	111	12	0.08
210903	19:19:40.70	39° 26.18'	111° 56.26'	3.5*	1.4	9	194	21	0.32
210904	00:21:46.84	40° 43.05'	112° 03.57'	7.8	1.5W	37	49	2	0.14
210904	00:39:44.06	40° 43.11'	112° 03.76'	7.9	0.9	10	123	2	0.06
210904	05:32:59.58	41° 49.47'	112° 23.54'	1.4*	0.2	10	187	13	0.09
210904	07:18:06.30	41° 15.96'	111° 42.65'	12.7	0.9W	17	85	16	0.14
210904	12:14:07.66	39° 25.78'	110° 18.65'	-1.2	1.0	5	194	1	0.02
210904	13:46:57.46	38° 16.34'	112° 37.98'	6.4*	1.8W	23	77	29	0.09
210905	06:23:37.51	42° 00.35'	111° 41.13'	12.5	0.6	12	130	15	0.09
210905	10:53:57.19	38° 15.86'	112° 37.10'	6.3	1.0	16	222	2	0.08
210905	15:42:23.69	38° 29.50'	112° 50.25'	0.2	-0.7	11	231	3	0.08
210905	15:48:17.75	38° 29.55'	112° 49.92'	0.7	0.8W	15	227	2	0.06
210905	16:15:04.53	38° 29.43'	112° 50.29'	0.2	-0.4	11	229	3	0.14
210905	16:15:22.02	38° 29.57'	112° 49.96'	0.2	-0.3	13	226	3	0.17
210905	16:18:46.01	38° 29.36'	112° 50.53'	0.2	-0.6	10	213	3	0.03
210905	16:42:27.71	38° 29.28'	112° 51.08'	-0.6	--	9	238	2	0.09

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2021

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
210905	16:42:27.99	38° 29.64'	112° 50.39'	-1.7	-0.7	12	225	3	0.13
210905	16:42:48.62	38° 29.48'	112° 49.88'	0.5	-0.6	13	230	3	0.28
210905	16:42:55.01	38° 29.64'	112° 50.08'	0.8	0.3	17	222	2	0.10
210905	17:44:38.43	38° 29.39'	112° 50.37'	0.2	-0.6	10	218	3	0.05
210905	23:11:55.94	37° 29.05'	113° 15.47'	1.7*	2.2W	20	90	12	0.27
210906	04:35:04.61	39° 43.34'	110° 48.64'	-3.4	1.7W	23	79	6	0.17
210906	10:21:07.04	42° 00.30'	111° 41.17'	10.4	0.9	12	129	15	0.08
210907	15:11:37.84	39° 25.46'	110° 18.03'	-1.7	1.6	7	199	2	0.12
210907	17:03:59.12	39° 25.95'	110° 19.55'	-1.1	1.5	5	159	1	0.01
210907	17:27:45.53	39° 25.59'	110° 18.31'	-1.5	1.2W	7	197	2	0.13
210907	18:48:38.38	39° 26.02'	110° 19.28'	-1.1	1.0W	6	182	1	0.02
210907	19:45:00.36	39° 26.38'	110° 19.88'	-3.0	1.7	12	143	2	0.09
210907	20:40:53.47	39° 25.61'	110° 18.80'	-1.1	1.3W	9	194	1	0.12
210907	23:11:07.30	39° 25.61'	110° 18.71'	-1.1	1.5	7	194	1	0.12
210908	00:36:37.12	39° 25.97'	110° 19.05'	-1.6	2.4W	25	114	1	0.18
210908	02:23:49.40	39° 25.45'	110° 16.30'	-3.4	1.5	6	208	5	0.22
210908	04:36:43.74	39° 25.49'	110° 18.36'	-1.4	1.3W	8	197	2	0.12
210908	05:06:20.93	39° 25.57'	110° 17.90'	-2.1	1.2W	8	199	2	0.11
210908	07:00:07.28	39° 25.74'	110° 18.46'	-1.4	1.2W	8	195	2	0.08
210908	09:00:32.40	39° 25.77'	110° 18.48'	-1.3	1.2W	8	195	2	0.07
210908	14:35:08.94	39° 25.67'	110° 18.61'	-1.3	1.3W	8	195	1	0.12
210908	16:49:46.35	39° 26.32'	110° 20.17'	-2.1	0.5	6	129	2	0.03
210908	19:35:30.22	39° 25.80'	110° 18.36'	-1.5	1.5	6	196	2	0.05
210908	21:32:25.05	39° 25.54'	110° 18.47'	-1.4	1.2W	8	196	1	0.12
210908	21:41:04.94	39° 25.80'	110° 18.56'	-1.6	1.2W	8	195	2	0.14
210909	00:00:44.94	39° 25.88'	110° 19.15'	-1.0	1.7	11	191	1	0.03
210909	01:04:01.97	39° 25.95'	110° 18.42'	-2.0	2.1W	24	103	2	0.17
210909	07:07:31.93	40° 43.76'	112° 04.34'	10.0	0.4	11	139	3	0.18
210909	14:23:13.57	39° 25.96'	110° 19.39'	-1.0	1.0	5	173	1	0.01
210909	14:55:10.69	39° 43.61'	110° 49.31'	-3.4	1.2	7	198	7	0.17
210909	15:09:04.99	39° 21.81'	111° 08.69'	0.0	1.0W	9	184	7	0.07
210909	15:24:00.07	39° 34.60'	111° 20.49'	1.7*	1.0W	9	237	14	0.12
210909	18:48:44.83	40° 52.16'	111° 34.36'	10.4	1.0W	22	76	12	0.10
210909	21:09:16.94	37° 05.75'	112° 53.13'	18.7	1.4W	10	107	10	0.09
210909	23:10:53.42	38° 35.28'	112° 35.53'	3.9*	0.7	7	174	13	0.05
210910	00:08:40.78	39° 08.98'	111° 40.12'	20.9	1.7W	14	89	32	0.12
210910	03:58:02.63	38° 16.16'	111° 16.87'	-0.9*	1.8W	15	96	58	0.25
210910	10:52:43.03	39° 23.84'	111° 04.35'	3.6*	1.2W	11	128	29	0.16
210910	15:43:01.45	39° 25.79'	110° 18.65'	-1.2	1.2W	11	194	1	0.07
210910	17:42:01.27	39° 25.48'	110° 18.00'	-1.8	1.6	8	199	2	0.09
210910	19:43:38.05	39° 25.53'	110° 18.31'	-1.6	2.0W	13	197	2	0.15
210911	02:22:59.02	39° 25.44'	110° 17.77'	-2.2	1.4	7	200	2	0.11
210911	02:50:59.31	39° 25.72'	110° 18.47'	-1.5	1.6	9	195	2	0.14
210911	03:13:24.62	39° 25.62'	110° 18.54'	-1.2	1.0W	7	195	1	0.11

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2021

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
210911	04:12:57.08	39° 25.72'	110° 18.86'	-1.1	1.6	6	217	1	0.11
210911	08:59:47.74	39° 25.77'	110° 18.08'	-2.0	1.1	6	197	2	0.08
210911	14:38:55.84	41° 38.68'	112° 19.32'	4.6	0.9	13	89	9	0.06
210911	17:10:07.68	41° 39.10'	112° 19.90'	4.3	2.6W	47	65	10	0.22
210911	17:14:29.49	41° 39.61'	112° 18.96'	0.6	1.4	18	83	10	0.15
210912	04:05:14.53	37° 25.82'	113° 55.74'	7.3	1.5	11	142	7	0.10
210912	04:12:02.48	41° 39.53'	112° 18.94'	4.7	1.3	21	80	9	0.11
210912	05:43:43.43	41° 39.44'	112° 19.12'	6.7	1.5	20	82	9	0.14
210912	09:19:17.27	40° 46.19'	111° 35.03'	15.3	0.6	17	171	16	0.15
210912	15:56:38.51	41° 39.01'	112° 19.58'	5.8	2.2W	26	87	9	0.15
210912	16:14:56.17	41° 38.86'	112° 19.54'	5.3	2.2W	21	88	9	0.16
210912	18:06:12.51	41° 39.26'	112° 19.38'	6.2	2.3W	33	84	9	0.19
210912	21:11:35.75	38° 15.72'	112° 36.01'	6.0	0.8	11	193	4	0.08
210912	21:50:34.65	41° 38.75'	112° 19.35'	5.4	0.4	8	89	9	0.07
210912	22:05:30.69	41° 38.40'	112° 19.56'	5.6	0.8	8	108	8	0.04
210913	06:51:26.33	38° 29.55'	112° 50.41'	0.0	-0.2	15	215	1	0.08
210913	06:51:33.33	38° 29.57'	112° 49.49'	-0.1	0.5	18	237	3	0.20
210913	06:53:20.55	38° 29.62'	112° 50.42'	0.0	0.3	20	137	1	0.09
210913	07:02:54.41	41° 38.88'	112° 19.31'	4.2	0.7	10	88	9	0.10
210913	10:50:23.93	41° 55.43'	112° 37.60'	8.9*	0.6	9	212	25	0.12
210913	15:03:00.30	40° 43.10'	112° 04.37'	9.9	1.4W	32	51	3	0.13
210913	16:02:45.40	39° 25.68'	110° 18.29'	-1.9	1.9W	8	115	2	0.10
210913	19:02:56.91	38° 27.13'	113° 03.74'	0.6	0.8	8	90	10	0.04
210913	22:11:22.53	39° 25.52'	110° 18.50'	-1.4	1.8	9	196	1	0.11
210914	01:20:28.37	39° 25.60'	110° 17.84'	-2.4	1.6	8	199	2	0.11
210914	01:32:59.52	39° 25.33'	110° 16.97'	-3.4	1.6	9	205	4	0.12
210914	02:15:24.19	39° 25.73'	110° 18.50'	-1.5	1.5W	8	195	2	0.13
210914	02:36:25.69	39° 25.49'	110° 18.46'	-1.5	1.9	7	196	2	0.13
210914	05:25:14.69	39° 25.56'	110° 18.59'	-1.2	1.5	7	195	1	0.11
210914	18:03:27.18	39° 25.61'	110° 17.87'	-2.0	2.3W	19	169	2	0.18
210914	18:44:57.01	39° 25.84'	110° 18.74'	-1.1	0.8	5	194	1	0.04
210914	19:12:13.74	39° 25.80'	110° 18.98'	-1.0	1.4	9	192	1	0.04
210914	20:24:00.35	39° 25.65'	110° 18.51'	-1.4	1.9	13	195	1	0.08
210914	20:41:22.19	41° 48.90'	112° 43.13'	6.7*	2.0W	24	201	27	0.09
210914	20:58:21.02	39° 25.87'	110° 19.10'	-1.1	1.2	5	192	1	0.04
210914	22:21:57.30	39° 25.74'	110° 18.29'	-1.7	1.7	8	197	2	0.14
210915	00:11:41.84	39° 25.57'	110° 18.48'	-1.2	1.6	7	196	1	0.12
210915	00:30:43.39	41° 48.39'	112° 43.10'	4.4*	2.0W	27	200	27	0.15
210915	00:59:00.23	39° 25.54'	110° 18.43'	-1.4	1.8	9	196	2	0.15
210915	01:24:03.11	39° 25.63'	110° 18.65'	-1.2	1.3W	8	194	1	0.12
210915	01:34:51.34	38° 51.78'	111° 35.67'	18.4	1.5W	14	91	17	0.11
210915	03:21:34.77	39° 25.60'	110° 18.65'	-1.3	1.6	7	194	1	0.11
210915	03:33:30.23	39° 25.45'	110° 18.55'	-1.2	1.6	7	196	1	0.12
210915	04:18:18.28	39° 25.55'	110° 18.62'	-1.1	1.2W	7	195	1	0.13

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2021

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
210915	05:09:19.40	39° 25.48'	110° 17.70'	-2.3	2.0W	13	185	3	0.15
210915	15:28:38.34	39° 25.59'	110° 18.50'	-1.2	1.6	8	196	1	0.11
210915	15:30:33.21	40° 42.69'	112° 03.95'	10.6	1.2W	31	52	3	0.21
210915	16:11:11.80	37° 46.70'	113° 26.21'	11.4	1.0	7	180	1	0.15
210915	21:13:04.36	38° 34.48'	112° 10.86'	10.8	1.3W	17	130	8	0.20
210915	21:51:54.87	38° 32.30'	112° 43.05'	-0.2*	1.2	10	164	12	0.05
210916	00:56:41.60	39° 25.61'	110° 18.62'	-1.2	1.5W	9	195	1	0.13
210916	01:47:19.39	39° 25.62'	110° 18.30'	-1.5	1.6W	10	168	2	0.16
210916	05:07:56.54	39° 25.50'	110° 18.46'	-1.3	1.5	7	196	2	0.10
210916	08:56:11.71	37° 25.15'	113° 13.23'	12.9	2.0W	23	92	19	0.17
210916	10:30:13.21	41° 45.80'	111° 39.25'	12.0	0.9	19	73	10	0.22
210916	17:25:03.64	39° 25.68'	110° 18.42'	-1.6	1.6	8	196	2	0.13
210916	19:34:41.39	39° 26.14'	110° 22.91'	-3.4	0.7	5	95	5	0.31
210916	19:35:01.66	39° 25.37'	110° 17.33'	-3.3	1.5	7	202	3	0.09
210916	19:56:39.65	39° 25.62'	110° 18.22'	-1.8	1.4W	10	197	2	0.13
210916	20:26:35.21	39° 25.54'	110° 18.78'	-1.1	1.4	6	194	1	0.13
210916	20:31:04.50	39° 25.73'	110° 18.85'	-1.1	1.2	6	194	1	0.04
210916	23:42:23.40	39° 25.67'	110° 18.40'	-1.7	1.5	8	196	2	0.13
210917	00:28:52.37	39° 25.55'	110° 18.60'	-1.2	1.4W	7	195	1	0.11
210917	00:46:17.17	39° 25.55'	110° 18.51'	-1.3	1.5	8	196	1	0.12
210917	01:54:20.09	39° 25.97'	110° 18.98'	-1.5	2.2W	24	64	1	0.19
210917	11:20:04.90	39° 43.56'	110° 48.01'	-3.5	1.1	6	184	5	0.24
210917	12:23:28.83	39° 25.46'	110° 18.36'	-2.6	1.4	8	197	2	0.12
210917	17:50:55.79	40° 43.45'	112° 02.65'	10.6	0.9	7	137	8	0.09
210917	22:15:12.71	39° 25.73'	110° 19.14'	-1.6	1.6W	17	103	1	0.12
210918	03:24:02.29	39° 34.12'	112° 01.18'	10.5	1.4W	16	104	19	0.19
210918	12:30:36.07	39° 17.56'	111° 11.19'	5.9*	1.0W	6	127	36	0.05
210919	00:16:37.41	37° 08.34'	113° 33.77'	7.1	1.6	9	85	11	0.12
210919	13:15:45.78	38° 16.32'	108° 55.65'	0.2	2.1	14	84	6	0.10
210920	00:31:17.69	40° 33.44'	111° 16.74'	5.6	1.4W	19	72	8	0.14
210920	07:58:10.61	41° 38.57'	112° 19.59'	5.7	1.3	21	91	9	0.12
210920	16:08:30.78	39° 25.51'	110° 18.08'	-1.8	1.8	7	197	2	0.11
210920	17:12:49.99	39° 25.56'	110° 18.21'	-1.6	1.6	6	197	2	0.03
210920	17:58:13.37	39° 25.58'	110° 18.48'	-1.4	1.7	8	196	1	0.11
210920	19:57:32.47	39° 25.46'	110° 18.30'	-1.6	1.7	8	197	2	0.11
210920	21:32:26.01	39° 25.41'	110° 17.66'	-2.2	1.6	9	200	3	0.12
210921	07:29:33.33	38° 00.96'	112° 28.67'	4.1*	2.8W	32	44	47	0.15
210921	09:23:27.88	39° 25.43'	110° 17.61'	-2.7	1.4	7	200	3	0.11
210921	15:17:10.31	39° 25.61'	110° 19.14'	-1.0	1.8	8	192	1	0.14
210921	15:40:03.03	39° 25.63'	110° 18.75'	-1.2	1.6W	9	194	1	0.12
210921	17:12:16.42	39° 25.93'	110° 18.85'	-1.4	1.9W	8	192	1	0.11
210921	19:40:16.53	39° 25.59'	110° 18.81'	-1.1	1.6	7	194	1	0.13
210921	20:02:38.83	39° 25.90'	110° 19.32'	-1.1	1.3	6	182	1	0.05
210921	20:42:03.83	39° 25.61'	110° 18.44'	-1.3	1.2	7	196	2	0.08

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2021

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
210921	21:19:25.09	39° 25.47'	110° 18.39'	-1.4	1.6	7	196	2	0.12
210921	23:39:33.60	39° 25.46'	110° 17.92'	-2.0	1.6W	12	185	2	0.15
210922	00:34:29.68	39° 25.65'	110° 18.52'	-1.2	1.5	8	195	1	0.08
210922	01:08:14.93	39° 25.62'	110° 18.99'	-1.1	1.6	7	193	1	0.11
210922	01:10:45.90	39° 25.66'	110° 18.71'	-1.1	1.4	7	194	1	0.08
210922	01:52:23.99	39° 25.38'	110° 17.31'	-3.4	1.6	6	202	3	0.09
210922	02:56:15.98	39° 25.34'	110° 17.21'	-3.3	1.5	7	203	3	0.10
210922	04:15:59.89	39° 25.57'	110° 18.72'	-1.2	1.7	7	194	1	0.12
210922	04:20:13.28	39° 25.70'	110° 18.85'	-1.1	1.5	6	217	1	0.08
210922	04:40:57.06	39° 25.77'	110° 18.48'	-1.5	1.3W	11	167	2	0.12
210922	05:02:18.60	39° 25.75'	110° 18.21'	-1.6	2.2W	18	168	2	0.17
210922	05:28:39.54	40° 59.10'	111° 26.58'	9.7	0.9W	25	83	11	0.17
210922	14:28:51.01	39° 25.89'	110° 19.45'	-1.1	1.0	5	170	1	0.02
210922	14:44:15.75	39° 25.61'	110° 18.61'	-1.3	1.6W	10	180	1	0.12
210922	16:08:19.84	39° 25.76'	110° 18.78'	-1.0	1.6W	15	179	1	0.07
210922	17:57:24.49	39° 25.80'	110° 18.94'	-1.2	1.9	12	178	1	0.10
210922	18:04:39.05	39° 25.94'	110° 18.67'	-1.5	1.9	9	194	2	0.10
210922	18:14:21.34	39° 25.50'	110° 18.39'	-1.4	1.6	8	196	2	0.12
210922	20:22:25.03	39° 25.89'	110° 18.99'	-1.3	1.8	10	178	1	0.06
210922	20:37:03.59	39° 25.48'	110° 18.60'	-1.2	1.4W	13	195	1	0.12
210922	20:48:08.70	39° 25.45'	110° 17.77'	-2.5	1.5	8	200	3	0.10
210922	23:52:11.43	39° 25.78'	110° 17.83'	-2.6	2.3W	15	184	2	0.16
210923	15:23:40.00	39° 25.47'	110° 17.59'	-2.8	1.7	7	200	3	0.11
210923	16:05:12.37	39° 25.37'	110° 17.65'	-2.5	1.5	7	200	3	0.10
210923	17:05:24.99	39° 25.77'	110° 18.61'	-1.4	1.6	6	194	1	0.09
210923	17:48:14.62	41° 47.01'	111° 32.59'	7.9*	0.9	13	80	19	0.16
210923	18:47:08.36	39° 26.06'	110° 19.82'	-1.4	1.0	5	140	1	0.03
210923	18:59:42.25	39° 25.38'	110° 18.06'	-1.8	1.4W	8	199	2	0.13
210923	19:29:31.27	39° 25.57'	110° 18.12'	-1.5	1.5	8	197	2	0.09
210923	19:57:56.09	39° 25.50'	110° 18.00'	-2.1	1.9W	11	199	2	0.13
210923	23:24:11.20	39° 25.77'	110° 18.67'	-1.3	1.3W	9	194	1	0.07
210924	00:02:18.46	39° 25.56'	110° 18.05'	-1.8	1.5	6	198	2	0.07
210924	00:20:30.58	41° 36.97'	109° 57.82'	9.3	--	6	238	17	0.03
210924	02:02:26.92	39° 25.66'	110° 18.31'	-1.4	1.3	6	197	2	0.05
210924	02:35:52.62	39° 25.66'	110° 18.64'	-1.2	1.5	6	194	1	0.09
210924	04:09:27.86	39° 25.57'	110° 18.44'	-1.3	1.7	9	196	2	0.09
210924	05:23:46.62	39° 25.72'	110° 18.69'	-1.2	1.5	7	194	1	0.04
210924	05:43:36.05	39° 25.37'	110° 17.68'	-2.2	1.4W	9	200	3	0.12
210924	11:32:42.56	37° 51.32'	112° 32.55'	9.4*	2.5W	24	71	49	0.23
210924	14:31:20.95	41° 55.51'	112° 39.32'	1.4*	1.3	11	211	27	0.10
210924	15:33:51.38	41° 07.66'	112° 06.52'	8.9	1.6W	24	74	16	0.13
210924	16:27:55.69	41° 55.87'	112° 39.64'	6.0*	1.0	7	221	27	0.09
210924	16:35:23.44	41° 55.71'	112° 40.63'	3.0*	1.3	11	215	28	0.11
210924	16:37:30.54	41° 55.72'	112° 40.05'	1.8*	1.7W	13	221	27	0.13
210924	16:49:53.47	39° 25.55'	110° 17.74'	-2.3	1.6	8	200	3	0.11

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2021

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
210924	16:51:24.68	41° 55.44'	112° 40.38'	-2.9*	2.1W	20	214	28	0.17
210924	18:56:01.55	41° 55.58'	112° 38.42'	6.0*	0.7	5	221	26	0.01
210924	21:14:13.52	41° 56.11'	112° 39.01'	1.4*	1.1	10	218	26	0.09
210925	06:54:01.57	41° 07.69'	112° 06.49'	10.5	1.4W	28	74	16	0.15
210925	08:02:40.98	40° 42.92'	112° 03.56'	8.2	0.7	18	79	2	0.08
210925	08:13:16.54	38° 28.85'	112° 50.91'	-0.3	-0.7	15	206	3	0.06
210925	12:03:39.31	38° 36.39'	112° 33.38'	1.4	1.1W	14	119	10	0.15
210926	00:58:45.88	39° 25.70'	110° 18.85'	-1.2	1.2W	10	194	1	0.09
210926	04:21:44.90	41° 55.37'	112° 40.13'	3.3*	2.2W	30	139	28	0.16
210926	05:17:36.28	41° 55.77'	112° 39.84'	6.0*	0.4	6	226	27	0.07
210926	14:22:55.96	39° 42.15'	110° 42.79'	-2.0	1.2	8	135	4	0.07
210926	17:51:37.20	41° 54.21'	112° 38.29'	3.2*	0.9	6	214	26	0.11
210926	18:46:07.55	39° 25.35'	110° 17.05'	-3.4	1.4	8	203	4	0.11
210926	22:15:36.30	41° 55.53'	112° 39.47'	3.4*	1.1	18	212	27	0.09
210927	15:00:07.43	39° 26.15'	110° 18.51'	-3.4	1.8W	12	215	2	0.16
210927	16:57:49.10	41° 37.60'	111° 41.29'	11.7	0.8	8	126	10	0.11
210927	17:38:34.58	39° 25.56'	110° 18.26'	-1.5	1.8	8	197	2	0.10
210927	19:12:04.67	39° 25.58'	110° 17.75'	-2.9	1.3W	10	200	3	0.11
210927	20:19:23.42	39° 25.40'	110° 18.21'	-1.5	1.6	9	197	2	0.09
210927	23:24:42.15	39° 25.86'	110° 18.22'	-1.7	1.7W	10	168	2	0.10
210928	00:12:05.41	39° 25.58'	110° 18.73'	-1.2	1.6	8	194	1	0.12
210928	00:56:12.95	39° 25.78'	110° 18.60'	-1.8	1.8	9	194	1	0.13
210928	01:40:32.31	39° 25.76'	110° 19.02'	-1.1	1.6	9	192	1	0.05
210928	02:03:25.45	39° 25.74'	110° 18.73'	-1.4	1.7	8	194	1	0.15
210928	02:39:20.01	39° 25.75'	110° 18.55'	-1.5	1.5W	11	182	1	0.13
210928	03:37:20.13	39° 25.62'	110° 18.47'	-1.4	1.6	10	196	2	0.12
210928	03:54:12.84	39° 25.60'	110° 18.62'	-1.3	1.4	8	195	1	0.14
210928	04:00:27.94	39° 25.82'	110° 18.38'	-1.9	1.7W	11	182	2	0.13
210928	04:21:20.55	39° 25.54'	110° 18.65'	-1.2	1.6	8	195	1	0.12
210928	04:30:55.83	39° 25.41'	110° 17.97'	-1.9	1.5W	9	199	2	0.11
210928	04:37:33.42	39° 26.09'	110° 18.76'	-1.8	1.6W	10	192	2	0.10
210928	07:54:19.59	39° 25.88'	110° 18.51'	-1.6	1.6	7	195	2	0.09
210928	10:53:13.43	39° 48.95'	112° 00.61'	0.2*	1.6W	18	145	16	0.21
210928	15:23:16.24	39° 25.43'	110° 17.71'	-2.3	1.1	6	200	3	0.06
210928	16:06:57.09	39° 25.52'	110° 18.32'	-1.5	1.8W	17	183	2	0.15
210928	16:50:08.88	39° 25.78'	110° 18.60'	-1.6	1.8	10	194	1	0.14
210928	17:05:49.56	39° 25.51'	110° 17.93'	-2.1	1.7	9	199	2	0.11
210928	18:08:14.51	39° 25.53'	110° 18.11'	-1.9	1.9	8	197	2	0.13
210928	18:38:09.94	39° 25.81'	110° 19.05'	-1.0	1.3	5	192	1	0.02
210928	19:04:03.67	39° 25.42'	110° 18.39'	-1.5	1.7	9	197	2	0.13
210928	19:13:15.82	39° 25.81'	110° 19.48'	-1.0	1.4	5	168	1	0.01
210928	19:25:54.73	39° 25.85'	110° 19.03'	-1.1	1.0	7	192	1	0.03
210928	19:39:11.13	39° 25.76'	110° 18.44'	-1.4	1.3	5	195	2	0.06
210928	19:43:42.59	39° 25.88'	110° 19.29'	-1.0	1.1	5	186	1	0.03

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2021

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
210928	19:53:59.26	39° 25.62'	110° 18.54'	-1.4	1.6	10	182	1	0.12
210928	21:08:45.91	39° 25.84'	110° 19.16'	-1.1	1.1	5	191	1	0.01
210928	22:18:41.13	39° 25.91'	110° 18.85'	-1.3	1.7	6	216	1	0.08
210928	22:25:56.11	41° 55.39'	112° 39.77'	-1.8*	2.2W	20	212	28	0.11
210928	22:26:29.90	41° 55.54'	112° 40.27'	2.8*	1.8	12	214	28	0.11
210928	22:28:43.67	42° 02.76'	112° 31.29'	2.6*	1.3	11	186	11	0.09
210928	23:08:40.21	39° 25.29'	110° 17.17'	-3.3	1.8	7	225	3	0.13
210928	23:17:14.10	39° 25.42'	110° 19.95'	-2.0	1.8	5	121	1	0.05
210928	23:45:27.49	41° 54.85'	112° 41.82'	6.0*	0.8	6	232	30	0.12
210928	23:51:28.53	41° 54.92'	112° 38.66'	1.6*	1.7	25	83	27	0.12
210928	23:53:18.43	39° 25.87'	110° 18.61'	-1.3	1.5	7	218	2	0.04
210929	00:05:49.17	41° 55.54'	112° 41.22'	1.6*	1.1	12	226	28	0.12
210929	00:07:25.60	39° 25.57'	110° 17.41'	-3.2	1.9	10	224	3	0.18
210929	00:13:05.34	38° 33.72'	112° 42.46'	6.8	0.2	11	162	13	0.07
210929	00:18:25.28	39° 25.25'	110° 16.45'	-3.4	1.6	7	229	4	0.20
210929	00:50:16.93	41° 55.52'	112° 38.46'	6.0*	0.9	6	221	26	0.02
210929	01:24:01.16	39° 25.82'	110° 18.87'	-1.1	1.1	5	217	1	0.01
210929	01:30:31.56	39° 25.48'	110° 18.97'	-1.2	1.4	6	216	1	0.12
210929	03:47:51.23	39° 25.38'	110° 17.72'	-2.5	1.8	6	222	3	0.11
210929	03:58:49.75	39° 25.61'	110° 18.20'	-1.8	1.8	7	220	2	0.12
210929	04:14:38.48	39° 25.40'	110° 15.99'	-3.4	1.5	6	230	5	0.28
210929	05:12:27.80	39° 25.66'	110° 18.57'	-1.7	1.8W	12	150	1	0.14
210929	05:52:38.84	39° 25.61'	110° 18.24'	-1.9	2.0	7	220	2	0.14
210929	06:20:33.11	39° 25.36'	110° 18.06'	-1.9	1.9	8	221	2	0.14
210929	07:59:31.69	40° 52.88'	111° 36.11'	11.6	1.4W	31	58	14	0.13
210929	13:36:09.15	39° 25.67'	110° 18.57'	-1.5	2.1	7	218	1	0.14
210929	22:52:47.98	39° 25.84'	110° 18.66'	-1.4	1.5	8	218	1	0.09
210930	00:06:11.01	39° 25.62'	110° 17.59'	-2.1	1.5W	13	169	3	0.16
210930	02:34:11.98	39° 25.46'	110° 18.49'	-1.4	1.8	8	196	1	0.10
210930	03:19:19.04	39° 25.42'	110° 18.44'	-1.5	1.6	7	196	2	0.13
210930	03:32:41.14	39° 25.88'	110° 18.14'	-2.5	2.3W	19	128	2	0.18
210930	04:22:29.29	39° 25.59'	110° 18.10'	-2.0	1.6W	12	169	2	0.13
210930	04:56:40.49	39° 25.44'	110° 18.11'	-1.8	1.6	10	197	2	0.13
210930	09:23:49.36	41° 55.65'	112° 39.41'	3.0*	1.1	9	212	27	0.10
210930	11:35:29.33	39° 25.52'	110° 18.71'	-1.1	1.6	6	194	1	0.13
210930	14:48:34.48	39° 25.76'	110° 18.69'	-1.3	1.5	9	194	1	0.06
210930	15:33:50.16	39° 25.49'	110° 18.34'	-1.5	1.6	8	183	2	0.11
210930	16:32:05.36	39° 25.76'	110° 18.72'	-1.5	1.9	11	179	1	0.13
210930	16:42:59.93	39° 25.48'	110° 18.60'	-1.3	1.7	7	195	1	0.12
210930	16:58:23.07	39° 43.72'	110° 58.05'	1.8*	1.7	9	221	16	0.20
210930	18:11:13.15	39° 25.36'	110° 18.29'	-1.4	1.9	8	197	2	0.13
210930	18:15:28.88	39° 25.50'	110° 17.98'	-1.8	1.8	9	199	2	0.12
210930	18:19:39.99	39° 25.68'	110° 18.55'	-1.3	1.6	8	195	1	0.08
210930	19:00:36.95	39° 25.68'	110° 18.88'	-1.1	1.5	8	194	1	0.10

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2021

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
210930	19:20:53.38	39° 25.78'	110° 18.68'	-1.2	1.7	8	194	1	0.07
210930	19:41:50.26	39° 25.49'	110° 17.75'	-2.2	1.5	9	200	3	0.12
210930	22:54:02.04	39° 05.06'	109° 17.52'	6.0*	1.8W	15	102	64	0.20
210930	23:41:32.24	39° 25.73'	110° 18.21'	-2.0	1.7W	13	168	2	0.15
210930	23:56:05.33	39° 25.53'	110° 18.34'	-1.3	1.6	9	197	2	0.07

number of earthquakes = 888

* 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
September 30, 2021

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	EpiSensor	Etna2	Digital	ANSS
AMF	Tri-Cities Golf Course American Fork, UT	EN[ZEN]	3	UU	40° 24.11'	111° 47.27'	1445	EpiSensor	Basalt	Digital	ANSS
ANMO	Albuquerque, NM	BH[ZEN]	3	IU	34° 57.01'	106° 27.61'	1743	*	*	Digital	USGS
ARGU	Argyle Ridge, UT	EHZ	1	UU	39° 49.37'	110° 32.62'	2828	S13	PSN	Analog	Utah
ARUT	Antelope Range, UT	EHZ	1	UU	37° 47.28'	113° 26.42'	1646	L4C	PSN	Analog	Utah
AVE	Avenues, Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.47'	111° 51.83'	1387	EpiSensor	Etna2	Digital	ANSS
B206	Canyon206bwy2008, Yellowstone, WY	EH[ZEN]	3	PB	44° 46.66'	110° 30.70'	2400	IESE-S2	Q330	Digital	PBO
B207	Madisn207bwy2007, Yellowstone, WY	EH[ZEN]	3	PB	44° 37.14'	110° 50.91'	2182	IESE-S2	Q330	Digital	PBO
B208	Lakejn208bwy2008, Yellowstone, WY	EH[ZEN]	3	PB	44° 33.61'	110° 24.09'	2406	IESE-S2	Q330	Digital	PBO
B944	Grantt944bwy2008, Yellowstone, WY	EH[ZEN]	3	PB	44° 23.38'	110° 32.63'	2365	IESE-S2	Q330	Digital	PBO
B945	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
BHUT	Beaver High School, UT	EN[ZEN]	3	UU	38° 16.61'	112° 38.42'	1799	PA-23	SMART-24	Digital	Utah

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
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	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			
BRWY	Blue Rim, WY	HH[ZEN]	3	UU	41° 37.32'	109° 30.19'	2098	Trillium 120	Centaur	Digital	Utah
BSS	Butlerville Substation Salt Lake City, UT	EN[ZEN]	3	UU	40° 37.45'	111° 49.37'	1411	EpiSensor	Etna2	Digital	ANSS
BSUT	Blindstream Canyon, Hanna, UT	HH[ZEN]	3	UU	40° 32.19'	110° 45.67'	3211	Trillium 120	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			
BTU	Barney Top, UT	EHZ	1	UU	37° 45.34'	111° 52.46'	3235	S13	PSN	Analog	Utah
BW06	Boulder, WY	BH[ZEN]	3	US	42° 46.00'	109° 33.50'	2224	*	*	Digital	USGS
BYP	Brigham Young Park Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.26'	111° 53.23'	1323	EpiSensor	Etna2	Digital	ANSS
BZMT	Bozeman Pass, MT	EHZ	1	MB	45° 38.89'	110° 47.80'	1905	*	*	Analog	MBMT
CAPU	Capitol, Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.71'	111° 53.40'	1384	EpiSensor	Etna2	Digital	ANSS
CCPU	Cedar City Park, UT	EN[ZEN]	3	UU	38° 16.61'	112° 38.42'	1799	PA-23	SMART-24	Digital	Utah
CCUT	Cedar City, UT	HH[ZEN]	3	UU	37° 33.04'	113° 21.77'	2124	STS-2	Centaur	Digital	USGS
		EN[ZEN]	3					R147			
CFS	Copperton Fire Station, Copperton, UT	EN[ZEN]	3	UU	40° 33.96'	112° 05.61'	1654	EpiSensor	Etna2	Digital	ANSS
CHS	Copper Hills High School, West Jordan, UT	EN[ZEN]	3	UU	40° 35.68'	112° 01.03'	1460	EpiSensor	Etna2	Digital	ANSS
CMI	Centennial Mountains, ID	EHZ	1	RC	44° 30.99'	111° 37.05'	2267	L4C	*	Analog	BYU-I
COMI	Craters of the Moon, ID	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	Titan	Centaur	Digital	USGS
		EN[ZEN]	3					Trillium 120			
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			
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

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
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	EpiSensor	Etna2	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
FOR5	SW Antelope Mountain, UT	HH[ZEN]	3	UU	38° 34.18'	112° 51.27'	1742	Trillium 120	Centaur	Digital	Utah
FORB	Blundell, Power Plant, UT	EN[ZEN]	3	UU	38° 29.41'	112° 51.30'	1845	EpiSensor	Basalt	Digital	Utah
FORK	Blundell, UT	EH[Z12]	3	UU	38° 30.07'	112° 53.19'	1408	Omni-2400	Obsidian	Digital	Utah
		GH[Z12]	3								
		EN[Z12]	3								
		GN[Z12]	3								
FORU	South Mineral Mountains, UT	HH[ZEN]	3	UU	38° 27.53'	112° 51.68'	1840	40T	ANSS-130	Digital	Utah

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
FORW	Milford Wind Farm, UT	EN[ZEN]	3	UU	38° 33.76'	112° 56.21'	1516	EpiSensor	Obsidian	Digital	Utah
FPU	Francis Peak, UT	EHZ	1	UU	41° 01.58'	111° 50.21'	2816	L4C	PSN	Analog	USGS
FSB1	FORGE surface borehole 1, UT	DN[12Z]	3	UU	38° 29.10'	112° 53.48'	1697	Titan	Centaur	Digital	Utah
		EN[12Z]	3					Compact			
		HH[12Z]	3								
FSB2	FORGE surface borehole 2, UT	DN[12Z]	3	UU	38° 30.44'	112° 54.98'	1587	Titan	Centaur	Digital	Utah
		EN[12Z]	3					Compact			
		HH[12Z]	3								
FSB3	FORGE surface borehole 3, UT	DN[12Z]	3	UU	38° 30.80'	112° 52.84'	1701	Titan	Centaur	Digital	Utah
		EN[12Z]	3					Compact			
		HH[12Z]	3								
FSU	Fish Springs, UT	EHZ	1	UU	39° 43.35'	113° 23.48'	1487	18300	PSN	Analog	Utah
FTT	Fire Training Tower, Magna, UT	EN[ZEN]	3	UU	40° 41.16'	112° 04.99'	1381	EpiSensor	Etna2	Digital	ANSS
GAWY	Genesis Alkali Granger, WY	HH[ZEN]	3	UU	41° 44.43'	109° 51.13'	2011	Trillium 120	Centaur	Digital	Utah
GBI	Big Grassy Butte, ID	HH[ZEN]	3	IE	43° 59.22'	112° 03.78'	1541	*	*	Digital	INL
GCAZ	Grand Canyon, AZ	EHZ	1	AR	36° 03.51'	112° 11.02'	2072	*	*	Analog	NAU
GMO	Grantsville Maintenance Office, Grantsville, UT	EN[ZEN]	3	UU	40° 36.04'	112° 28.48'	1320	EpiSensor	Etna2	Digital	ANSS
GMU	Granite Mountain, UT	EH[ZEN]	3	UU	40° 34.53'	111° 45.79'	1829	S13	PSN	Analog	USGS
GRR1	Grays Lake, ID	EHZ	1	IE	42° 56.28'	111° 25.32'	2207	*	*	Digital	INL
GZU	Grizzly Peak, UT	EH[ZEN]	3	UU	41° 25.53'	111° 58.50'	2646	S13	PSN	Analog	USGS
HAFB	Hill Air Force Base, Hill AFB, UT	EN[ZEN]	3	UU	41° 07.07'	111° 58.55'	1471	EpiSensor	Etna2	Digital	Utah
HCSU	Hobble Creek, Springville, UT	EHZ	1	UU	40° 12.40'	111° 30.14'	1789	L4C	Basalt	Digital	Utah, USGS
		EN[ZEN]	3					EpiSensor			
HDU	Hyde Park, UT	EHZ	1	UU	41° 48.18'	111° 45.99'	1807	L4C	PSN	Analog	USGS
HEB	Heber, UT	EHZ	1	UU	40° 30.09'	111° 20.15'	1925	S13	PSN	Analog	Utah
HER	Herriman Fire Station Herriman, UT	EN[ZEN]	3	UU	40° 30.94'	112° 01.85'	1502	EpiSensor	Etna2	Digital	ANSS
HES	Hooper Elementary School Hooper, UT	EN[ZEN]	3	UU	41° 09.89'	112° 07.30'	1292	EpiSensor	K2	Digital	ANSS
HHAI	Hell's Half Acre, ID	HH[Z12]	3	IE	43° 17.70'	112° 22.74'	1371	*	*	Digital	INL
HHS	Hurricane High School, UT	EN[ZEN]	3	UU	37° 10.43'	113° 17.74'	987	EpiSensor	Etna2	Digital	Utah
HLID	Hailey, ID	BH[ZEN]	3	US	43° 33.75'	114° 24.83'	1772	*	*	Digital	USGS
HLJ	Hailstone, UT	EHZ	1	UU	40° 36.64'	111° 24.05'	1931	S13	PSN	Analog	Utah
		EN[ZEN]	3					FBA23	K2	Digital	
HMU	Henry Mountain, UT	HH[ZEN]	3	UU	37° 56.28'	110° 44.51'	2430	Trillium 120	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
HRU	Hogsback Ridge, UT	EHZ	1	UU	40° 47.67'	111° 53.14'	1620	L4C	PSN	Analog	USGS
		EN[ZEN]	3					EpiSensor	Obsidian	Digital	ANSS
HTU	Hoyt, UT	EHZ	1	UU	40° 40.52'	111° 13.21'	2576	L4C	PSN	Analog	USGS
		EHZ	1					EpiSensor	Basalt	Digital	
		EN[ZEN]	3								
HVU	Hansel Valley, UT	HH[ZEN]	3	UU	41° 46.78'	112° 46.50'	1609	Trillium 120	Q330	Digital	USGS
		EN[ZEN]	3					EpiSensor			
HWUT	Hardware Ranch, UT	BH[ZEN]	3	US	41° 36.41'	111° 33.91'	1830	*	*	Digital	USGS
IAE	Cedar City, Iron County Adult Education, UT	EN[ZEN]	3	UU	37° 39.91'	113° 40.02'	1807	EpiSensor	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
JRP	Jordan River State Park Salt Lake City, UT	EN[ZEN]	3	UU	40° 49.54'	111° 56.66'	1284	EpiSensor	Etna2	Digital	ANSS
JVW2	Murray City Parkway Golf Course, Murray, UT	EN[ZEN]	3	UU	40° 37.90'	111° 55.15'	1310	EpiSensor	Etna2	Digital	ANSS
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	Trillium 120	Centaur	Digital	Utah, ANSS, LLNL
		EN[ZEN]	3					EpiSensor			
LCMT	Little Creek Mountain, UT	HH[ZEN]	3	UU	37° 00.71'	113° 14.63'	1411	3T	SMART-24	Digital	Utah
		EN[ZEN]	3					PA-23			
		EN[ZEN]	3					EpiSensor			
LCU	Little Cottonwood, UT	EN[ZEN]	3	UU	40° 34.41'	111° 47.91'	1571	EpiSensor	Etna2	Digital	ANSS
LDJ	Lady, UT	EHZ	1	UU	40° 34.89'	111° 24.52'	2217	S13	PSN	Analog	Utah
LEVU	Levan, UT	EHZ	1	UU	39° 30.39'	111° 48.88'	1996	L4C	Basalt	Digital	USGS
		EN[ZEN]	3					EpiSensor			
LGC	Lakeside Golf Course Bountiful, UT	EN[ZEN]	3	UU	40° 54.04'	111° 54.51'	1292	EpiSensor	Etna2	Digital	ANSS
LHUT	Little Humpy Peak, UT	EHZ	1	UU	40° 53.49'	110° 59.78'	3084	S13	PSN	Analog	Utah
LIUT	Lila Canyon, UT	HH[ZEN]	3	UU	39° 25.45'	110° 19.51'	2178	Trillium 120	Centaur	Digital	Utah
LKC	Lee Kay Hunter Education Center Magna, UT	EN[ZEN]	3	UU	40° 43.62'	112° 02.14'	1289	EpiSensor	Etna2	Digital	ANSS
LKWY	Lake, WY	BH[ZEN]	3	US	44° 33.91'	110° 24.00'	2424	*	*	Digital	USGS
LMUT	Lake Mountain, UT	EN[ZEN]	3	UU	40° 15.69'	111° 55.69'	2330	EpiSensor	Etna2	Digital	ANSS
LOHW	National Elk Refuge, WY	BH[ZEN]	3	IW	43° 36.76'	110° 36.30'	2245	3ESP	RT-130	Digital	ANSS

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
LRG	Logan River Golf Course Logan, UT	EN[ZEN]	3	UU	41° 42.82'	111° 51.08'	1362	EpiSensor	Etna2	Digital	ANSS
LSU	Lake Shores, UT	EN[ZEN]	3	UU	40° 07.94'	111° 43.80'	1375	EpiSensor	Etna2	Digital	ANSS
LTU	Little Mountain, UT	EHZ	1	UU	41° 35.51'	112° 14.83'	1585	L4C	PSN	Analog	USGS
		EHZ	1					EpiSensor	Basalt	Digital	
		EN[ZEN]	3								
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			
MHS2	Milford High School, UT	EN[ZEN]	3	UU	38° 23.97'	113° 00.78'	1529	EpiSensor	Etna2	Digital	Utah
MID	Middle Canyon, UT	EN[ZEN]	3	UU	40° 31.04'	112° 15.28'	1722	EpiSensor	Etna2	Digital	ANSS
MLI	Malad Range, ID	EHZ	1	UU	42° 01.61'	112° 07.53'	1896	L4C	Basalt	Digital	USGS
		EN[ZEN]	3					EpiSensor			
MMU	Miners Mountain, UT	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	Centaur	Digital	ANSS USGS
		HH[ZEN]	3					Observer			
MSU	Marysvale, UT	EHZ	1	UU	38° 30.74'	112° 10.63'	2105	18300	PSN	Analog	Utah
MTPU	Mt. Pierson, UT	EN[ZEN]	3	UU	38° 02.49'	112° 11.06'	3112	EpiSensor	Q330	Digital	Utah
		HH[ZEN]	3					Trillium 120			
MTUT	Morton Thiokol, UT	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	Centaur	Digital	ANSS
		HH[ZEN]	3					Trillium 120			
NMU	North Mineral Mountain, UT	EH[ZEN]	3	UU	38° 30.99'	112° 51.00'	1853	S13	PSN	Analog	Utah
NOQ	North Oquirrh Mountains, UT	EN[ZEN]	3	UU	40° 39.16'	112° 07.26'	1628	Titan	Centaur	Digital	ANSS
		HH[ZEN]	3					Trillium 120		Digital	USGS

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
NPI	North Pocatello, ID	EHZ	1	UU	42° 08.84'	112° 31.10'	1640	L4C	Basalt	Digital	ANSS
		EN[ZEN]	3					EpiSensor			
O20A	White River City, CO	BH[ZEN]	3	N4	40° 08.09'	108° 14.50'	1915	STS-2	Q330	Digital	NCF
OCP	Orem City Park, Orem, UT	EN[ZEN]	3	UU	40° 17.87'	111° 41.44'	1464	EpiSensor	Etna2	Digital	ANSS
OF2	Ogden Fire Station ° 2 Ogden, UT	EN[ZEN]	3	UU	41° 13.70'	111° 56.92'	1358	EpiSensor	Etna2	Digital	ANSS
OPS	Ogden Public Safety Building, Ogden, UT	EN[ZEN]	3	UU	41° 13.72'	111° 58.54'	1317	EpiSensor	Etna2	Digital	ANSS
OSS	Oquirrh Sub Station, UT	EN[ZEN]	3	UU	40° 33.92'	112° 01.73'	1503	EpiSensor	Etna2	Digital	ANSS
OWUT	Old Woman Plateau, UT	EHZ	1	UU	38° 46.80'	111° 25.42'	2568	L4C	PSN	Analog	Utah
PCCW	Pine Creek, Cokeville, WY	EHZ	1	UU	42° 05.97'	110° 52.36'	1996	L4C	Basalt	Digital	Utah, USGS
		EN[ZEN]	3					EpiSensor			
PCL	Plain City Landfill Plain City, UT	EN[ZEN]	3	UU	41° 18.60'	112° 06.00'	1290	EpiSensor	Etna2	Digital	ANSS
PCR	Park City Recreation Center, Park City, UT	EN[ZEN]	3	UU	40° 39.25'	111° 30.19'	2100	EpiSensor	Etna2	Digital	ANSS
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	Etna2	Digital	ANSS
PIO	Pioche, NV	HH[ZEN]	3	NN	37° 56.83'	114° 29.48'	1887	Trillium 120	Q330	Digital	UNR
PKCU	Pink Cliffs, UT	HH[ZEN]	3	UU	37° 26.63'	112° 18.66'	2834	Trillium 120	SMART-24	Digital	Utah
		EN[ZEN]	3					PA-23			
PNSU	Preston Nutter Ranch, Sunnyside, UT	HH[ZEN]	3	UU	39° 37.67'	110° 14.74'	2743	Trillium 240	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			
PRN	Pahroc, Range, NV	HH[ZEN]	3	NN	37° 24.40'	115° 03.05'	1402	Trillium 120	ANSS-130	Digital	UNR
PSUT	Pine Spring, UT	HH[ZEN]	3	UU	38° 32.02'	113° 51.28'	1999	Trillium 120	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			
PTI	Pocatello, ID	HH[ZEN]	3	IE	42° 52.20'	112° 22.21'	1670	*	*	Digital	INL
PTU	Portage, UT	EHZ	1	UU	41° 55.76'	112° 19.48'	2192	L4C	Basalt	Digital	ANSS
		EN[ZEN]	3					EpiSensor			
PV05	E. Island Mesa, Paradox Basin, CO	HH[ZEN]	3	RE	38° 08.87'	108° 50.08'	2142	*	*	Digital	USBR
PV11	Davis Mesa, Paradox Basin, CO	HH[ZEN]	3	RE	38° 17.96'	108° 52.33'	1881	*	*	Digital	USBR
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

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
QDPS	Dept of Public Safety Univ. of Utah, Salt Lake City, UT	HN[ZEN]	3	UU	40° 45.60'	111° 50.46'	1460	Gsig-AC63	Gsig-GMS	Digital	ANSS
QFTG	N 450 E St., Springville, UT	HN[ZEN]	3	UU	40° 10.42'	111° 36.12'	1395	Gsig-AC63	Gsig-GMS	Digital	ANSS
QJHW	Red Rock Ranch, Teton County, WY	HN[ZEN]	3	UU	43° 34.99'	110° 24.65'	2169	Gsig-AC63	Gsig-GMS	Digital	ANSS
QJMH	S 900 E, Salt Lake City, UT	HN[ZEN]	3	UU	40° 42.21'	111° 51.97'	1312	Gsig-AC63	Gsig-GMS	Digital	ANSS
QJOT	Whileaway Rd., Snyderville, UT	HN[ZEN]	3	UU	40° 44.50'	111° 41.68'	1977	Gsig-AC63	Gsig-GMS	Digital	ANSS
QKSL2	Lehi, UT	HN[ZEN]	3	UU	40° 15.98'	111° 50.07'	1371	Gsig-AC63	Gsig-GMS	Digital	ANSS
QLIN	884 E 490 N, Lindon, UT	HN[ZEN]	3	UU	40° 20.83'	111° 29.63'	1538	Gsig-AC63	Gsig-GMS	Digital	ANSS
QLMT	Earthquake Lake, MT	EHZ	1	MB	44° 49.84'	111° 25.80'	2064	*	*	Analog	MBMT
QMDS	S 2600 E, Salt Lake City, UT	HN[ZEN]	3	UU	40° 43.74'	111° 48.97'	1405	Gsig-AC63	Gsig-GMS	Digital	ANSS
QNRL	E 500 N, Logan, UT	HN[ZEN]	3	UU	40° 44.44'	111° 49.49'	1407	Gsig-AC63	Gsig-GMS	Digital	ANSS
QOGD	1723 N 900 E, North Ogden, UT	HN[ZEN]	3	UU	41° 17.38'	111° 57.11'	1361	Gsig-AC63	Gsig-GMS	Digital	ANSS
QPAY	N 300 E Payson, UT	HN[ZEN]	3	UU	40° 03.18'	111° 43.70'	1404	Gsig-AC63	Gsig-GMS	Digital	ANSS
QPML	S Whitesides St., Layton, UT	HN[ZEN]	3	UU	40° 03.47'	111° 57.23'	1334	Gsig-AC63	Gsig-GMS	Digital	ANSS
QRJG	N 1450 E, Provo, UT	HN[ZEN]	3	UU	40° 15.65'	111° 37.96'	1530	Gsig-AC63	Gsig-GMS	Digital	ANSS
QSAR2	Saratoga Springs, UT	HN[ZEN]	3	UU	40° 20.17'	111° 55.43'	1420	Gsig-AC63	Gsig-GMS	Digital	ANSS
QSPA	520 S, Spanish Fork, UT	HN[ZEN]	3	UU	40° 17.47'	111° 52.95'	1413	Gsig-AC63	Gsig-GMS	Digital	ANSS
QSTV	S City Vistas Way, Kearns, UT	HN[ZEN]	3	UU	40° 40.25'	112° 02.18'	1416	Gsig-AC63	Gsig-GMS	Digital	ANSS
QSUN	1412 N 350 W, Sunset, UT	HN[ZEN]	3	UU	41° 08.04'	112° 01.97'	1373	Gsig-AC63	Gsig-GMS	Digital	ANSS
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	Basalt	Digital	USGS
		EN[ZEN]	3					EpiSensor			
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	SMART-24	Digital	Utah
		EN[ZEN]	3					PA-23			
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
RLMT	Red Lodge, MT	BH[12Z]	3	US	45° 07.33'	109° 16.04'	2086	STS-2	Q330	Digital	ANSS
ROA	Roan Cliffs, UT	EHZ	1	UU	39° 39.69'	110° 21.88'	2962	S13	PSN	Analog	Utah
RPF	Rose Park Fire Station, Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.52'	111° 55.22'	1287	Applied Mems	ANSS-130	Digital	ANSS
RRCU	Rees Ranch, Coalville, UT	EHZ	1	UU	40° 53.21'	111° 26.22'	2028	L4C	Basalt	Digital	Utah, USGS
		EN[ZEN]	3					EpiSensor			
RSUT	Red Spur, UT	EHZ	1	UU	41° 38.31'	111° 25.90'	2682	S13	Basalt	Digital	USGS
		EN[ZEN]	3					EpiSensor			
RWWY	Rawlins, WY	BH[ZEN]	3	IW	41° 41.33'	107° 12.61'	2402	3ESP	RT-130	Digital	ANSS

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
SAIU	South Antelope Island, UT	EHZ	1	UU	40° 51.29'	112° 10.89'	1384	L4C	PSN	Analog	USGS
		EHZ	1					EpiSensor	Basalt	Digital	
		EN[ZEN]	3								
SCC	Salt Lake Community College, SLC UT Salt Lake City, UT	EN[ZEN]	3	UU	40° 40.49'	111° 56.37'	1306	EpiSensor	Etna2	Digital	ANSS
SCS	Syracuse City Cemetery Shop Syracuse, UT	EN[ZEN]	3	UU	41° 05.73'	112° 02.81'	1321	EpiSensor	Etna2	Digital	ANSS
SCUT	Santa Clara, UT	EN[ZEN]	3	UU	37° 07.69'	113° 38.68'	837	EpiSensor	Etna2	Digital	Utah
SCY	Salem City Yard, Salem, UT	EN[ZEN]	3	UU	40° 03.47'	111° 41.14'	1386	Applied Mems	ANSS-130	Digital	ANSS
SGSU	St. George Fire Station #4, UT	EN[ZEN]	3	UU	38° 16.61'	112° 38.42'	1799	PA-23	SMART-24	Digital	Utah
SGU	Sterling, UT	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	EpiSensor	Obsidian	Digital	ANSS
SKII	Z, ID	HH[ZEN]	3	IE	43° 19.21'	111° 55.79'	2082	*	*	Digital	INL
SMAZ	Slide Mountain, AZ	EHZ	1	AR	36° 19.29'	113° 10.14'	2200	*	*	Analog	NAU
SNO	Snow College, UT	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					EpiSensor	Basalt	Digital	
		EN[ZEN]	3								
SPR2	Wildlife Resource Center Springville, UT	EN[ZEN]	3	UU	40° 10.95'	111° 36.69'	1382	EpiSensor	Etna2	Digital	ANSS
SPR3	Spring Creek 3, NV	HH[ZEN]	3	NN	38° 59.93'	114° 19.88'	2815	Trillium 120	RT-130	Digital	UNR
SPS	Stansbury Park Sewage Lagoon Stansbury Park, UT	EN[ZEN]	3	UU	40° 38.97'	112° 18.95'	1293	EpiSensor	Etna2	Digital	ANSS
SPU	South Promontory Point, UT	EN[ZEN]	3	UU	41° 18.52'	112° 26.95'	2086	EpiSensor	ANSS-130	Digital	ANSS
		HH[ZEN]	3					3ESP			
SRU	San Rafael Swell, UT	EHZ	1	UU	39° 06.65'	110° 31.43'	1804	S13	PSN	Analog	Utah, ANSS, IRIS
		HH[ZEN]	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			

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
SZCU	Shurtz Canyon, UT	HH[ZEN]	3	UU	37° 35.72'	113° 05.25'	2026	3T	SMART-24	Digital	Utah
		EN[ZEN]	3					PA-23			
TCMU	Timpanogos Cave Mouth, UT	EHZ	1	UU	40° 26.26'	111° 42.71'	2045	L4C	Basalt	Digital	Utah
		EN[ZEN]	3					EpiSensor			
TCRU	Three Creeks Reservoir, UT	HH[ZEN]	3	UU	38° 36.57'	112° 26.83'	2293	Trillium 120	SMART-24	Digital	Utah
		EN[ZEN]	3					PA-23			
TCU	Toone Canyon, UT	EN[ZEN]	3	UU	41° 07.04'	111° 24.47'	2269	EpiSensor	ANSS-130	Digital	ANSS
		HH[ZEN]	3					3ESP			
TCUT	Toone Canyon, UT	EHZ	1	UU	41° 07.07'	111° 24.51'	2320	L4C	PSN	Analog	USGS
TMI	Taylor Mountain, ID	EHZ	1	IE	43° 18.30'	111° 55.08'	2179	*	*	Digital	INL
TMU	Trail Mountain, UT	HH[ZEN]	3	UU	39° 17.79'	111° 12.49'	2731	Observer	ANSS-130	Digital	Utah, ANSS
		EN[ZEN]	3					EpiSensor			
TPAW	Teton Pass, WY	BH[ZEN]	3	IW	43° 29.41'	110° 57.04'	2512	3ESP	RT-130	Digital	ANSS
TPH	Tonopah, NV	BH[ZEN]	3	LB	38° 04.50'	117° 13.35'	1883	3ESP	Q330	Digital	Sandia
TPMT	Teepee 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	SMART-24	Digital	Utah
		EN[ZEN]	3					PA-23			
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

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
WCU	Willow Creek, UT	EHZ	1	UU	38° 57.88'	112° 05.44'	2673	18300	PSN	Analog	USGS
		EHZ	1					EpiSensor	Basalt	Digital	
		EN[ZEN]	3								
WDO	Saint George, Washington County School District Office, UT	EN[ZEN]	3	UU	37° 06.46'	113° 35.19'	831	PA-23	SMART-24	Digital	Utah
WES	Westminster College Salt Lake City, UT	EN[ZEN]	3	UU	40° 43.97'	111° 51.26'	1341	EpiSensor	Etna2	Digital	ANSS
WHS	West High School, SLC UT Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.51'	111° 53.93'	1301	EpiSensor	Etna2	Digital	ANSS
WMUT	West Mountain, UT	EHZ	1	UU	40° 04.60'	111° 50.00'	1981	L4C	PSN	Analog	USGS
		EHZ	1					EpiSensor	Basalt	Digital	
		EN[ZEN]	3								
WPUT	Wasatch Plateau, UT	HH[ZEN]	3	UU	38° 59.85'	111° 21.53'	2618	Trillium 120	Taurus	Digital	Utah
WRP	Water Reclamation Plant Salt Lake City, UT	EN[ZEN]	3	UU	40° 48.82'	111° 55.87'	1286	EpiSensor	Etna2	Digital	ANSS
WTNK	7433 Soaring Heights, NV	HH[ZEN]	3	NN	36° 11.50'	115° 00.64'	676	3ESP	ANSS-130	Digital	UNR
WTU	Western Traverse Mountains, UT	EH[ZEN]	3	UU	40° 27.29'	111° 57.21'	1552	S13	PSN	Analog	USGS
		EN[ZEN]	3					EpiSensor	Etna2	Digital	
WUAZ	Wupatki, AZ	BH[ZEN]	3	US	35° 31.01'	111° 22.43'	1592	*	*	Digital	USGS
WVUT	Wellsville, UT	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	Centaur	Digital	USGS
YFT	Old Faithful (YNP), WY	HH[ZEN]	3	WY	44° 27.05'	110° 50.24'	2292	Compact	Centaur	Digital	USGS
		EN[ZEN]	3					Titan			
YGC	Grayling Creek, MT	EHZ	1	WY	44° 47.77'	111° 06.45'	2075	L4C	PSN	Analog	USGS
YHB	Horse Butte, MT	EHZ	1	WY	44° 45.07'	111° 11.71'	2157	L4C	PSN	Analog	USGS
		HH[ZEN]	3					Compact	ANSS-130	Digital	
		EN[ZEN]	3								
YHH	Holmes Hill (YNP), WY	EHZ	1	WY	44° 47.30'	110° 51.03'	2717	S13	PSN	Analog	USGS
		HH[ZEN]	3					Trillium 120	Q330	Digital	
		EN[ZEN]	3								
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

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
YMC	Maple Creek (YNP), WY	EH[ZEN]	3	WY	44° 45.53'	111° 00.41'	2073	S13	PSN	Analog	USGS
YML	Mary Lake (YNP), WY	EH[ZEN]	3	WY	44° 36.20'	110° 38.63'	2653	L4C	PSN	Analog	USGS
YMP	Mirror Plateau (YNP), WY	EHZ	1	WY	44° 44.38'	110° 09.40'	2774	S13	PSN	Analog	USGS
		HH[ZEN]	3					Trillium 120	Q330	Digital	
		EN[ZEN]	3					Titan			
YMR	Madison River (YNP), WY	HH[ZEN]	3	WY	44° 40.12'	110° 57.90'	2149	Trillium 120	Q330	Digital	USGS
		EN[ZEN]	3					Titan			
YMS	Mount Sheridan (YNP), WY	EHZ	1	WY	44° 15.84'	110° 31.67'	3106	L4C	PSN	Analog	USGS
YMV	Mammoth Vault (YNP), WY	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	Trillium 120	Centaur	Digital	USGS
		EN[ZEN]	3					Titan			
YWB	West Boundary (YNP), WY	EHZ	1	WY	44° 36.35'	111° 06.05'	2310	L4C	PSN	Analog	USGS
ZNPU	Zion National Park, UT	HH[ZEN]	3	UU	37° 21.37'	113° 07.52'	1953	Trillium 120	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			

* Station operated by another agency and recorded as part of University of Utah regional seismic network
Network Statistics: 1003 data channels from 346 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	Kinometrics Ranger short-period seismometer
40T	Guralp CMG-40T broadband seismometer
3T	Guralp CMG-3T broadband seismometer
3ESP	Guralp CMG-3ESP broadband seismometer
STS-2	Streckheisen STS-2 broadband seismometer
STS-5A	Streckheisen STS-5A broadband seismometer
FBA23	Kinometrics FBA-23 accelerometer
EpiSensor	Kinometrics EpiSensor accelerometer
Applied Mems	Applied Mems accelerometer
PA-23	Geotech PA-23 accelerometer
Compact	Nanometrics Compact broadband seismometer
Trillium 120	Nanometrics Trillium 120 broadband seismometer
Trillium 240	Nanometrics Trillium 240 broadband seismometer
Titan	Nanometrics Titan accelerometer
Observer	Refraction Technology (REF TEK) Model 151 Observer broadband seismometer
R147	Refraction Technology (REF TEK) Model 147 accelerometer
IESE-S2	Institute of Earth Science and Engineering S-2 model borehole seismometer
Gsig-AC63	Geosig-AC63 NetQuakes accelerometer
Omni-2400	Geospace OMNI-2400
Silicon-ULN	Silicon Audio Ultra Low Noise

Digitizer	Description
K2	Kinometrics Altus Series K2 (19-bit resolution field digitizer)
Etna	Kinometrics Altus Series Etna (18-bit resolution field digitizer)
72A-07	Refraction Technology (REF TEK) model 72A-07 (24-bit field digitizer)

72A-08	Refraction Technology (REF TEK) model 72A-08 (24-bit field digitizer)
ANSS-130	Refraction Technology (REF TEK) model 130-ANSS/02 (24-bit resolution field digitizer)
RT-130	Refraction Technology (REF TEK) model RT-130 (24-bit resolution field digitizer)
Q330	Quanterra, Inc. Q330 digitizer (24-bit resolution field digitizer)
SMART-24	Geotech SMART-24 digitizer (24-bit resolution field digitizer)
PSN	PSN-ADC-SERIAL version III (16-bit resolution field digitizer)
Basalt	Kinometrics Basalt (24-bit resolution field digitizer)
Taurus	Nanometrics Taurus (24-bit resolution field digitizer)
Gsig-GMS	Geosig-GMS NetQuakes (24-bit resolution field digitizer)
Centaur	Nanometrics Centaur (24-bit resolution field digitizer)
Obsidian	Kinometrics Obsidian (24-bit resolution field digitizer)
Etna2	Kinometrics Etna 2 (24-bit resolution field digitizer)

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

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

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

NETWORK CHANGES DURING JULY 1–SEPTEMBER 30, 2021

None