EARTHQUAKE ACTIVITY IN THE UTAH REGION

Preliminary Epicenters

April 1 – June 30, 2022

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

September 29, 2022

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).

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April 1 – June 30, 2022

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During the three-month period April 1, 2022, through June 30, 2022, the University of Utah Seismograph Stations (UUSS) located 449 earthquakes within the Utah region (Figure 1). The total includes one earthquake in the magnitude 3 range and 41 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. Three earthquakes were reported felt during the report period (see Table 1, a cumulative tabulation of earthquakes during 2022 that were either felt in the Utah region or for which a ShakeMap was produced, or both). Additional information on earthquakes within the Utah region is available from the University of Utah Seismograph Stations.

Online Information

A complete copy of this report, including maps and the earthquake catalog, is available on the UUSS web site at *http://www.quake.utah.edu/earthquake-center/quarterly-seismicity-reports*.

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 The primary effect on the data reported herein comes from computing the earthquake locations with a newer version of the computer program HYPOINVERSE-2000 (F. W. Klein, 2012, U.S. Geological Survey Open-File Report 02-171 revised) and a revised and expanded set of velocity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

ShakeMaps—computer maps of the ground shaking produced by an earthquake—are automatically produced by UUSS for earthquakes of magnitude 3 and larger within a 75-mile wide zone along the I-15 corridor and magnitude 3.5 and larger elsewhere in the Utah region. These magnitude thresholds have changed with time as the network of strong-motion stations in the state has expanded. The ShakeMaps are accessible on the UUSS web page at *http://www.quake.utah.edu*. Earthquakes for which ShakeMaps are available are indicated in Table 1.

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

Earthquakes of Magnitude 3.0 or Larger

M_L 3.8	May 31	16:12 MDT	31 mi WSW of Fruita, CO

Other Notable Seismicity

During the report period, there were six 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 23 earthquakes ($0.3 \leq M \leq 2.4$) occurred about 4 mi WSW of Corinne, UT. 12 of these events, including a magnitude 2.4 shock, occurred between May 21 and May 27.
B. A cluster of 29 earthquakes ($0.2 \leq M \leq 2.5$) occurred about 3 mi NNW of Magna, UT. 10 of these events, including a magnitude 2.5 shock, occurred between June 3 and June 10.
C. A cluster of 68 earthquakes ($-1.0 \leq M \leq 2.1$) occurred about 12 mi NE of Milford, UT. 30 of these events, including a magnitude 2.1 shock, occurred on April 6.
D. A cluster of 12 earthquakes ($0.8 \leq M \leq 2.2$) occurred about 5 mi ESE of Beaver, UT. Six of these events, including a magnitude 2.2 shock, occurred between June 25 and June 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 134 located shocks ($0.8 \leq M \leq 2.7$) that occurred during the report period.

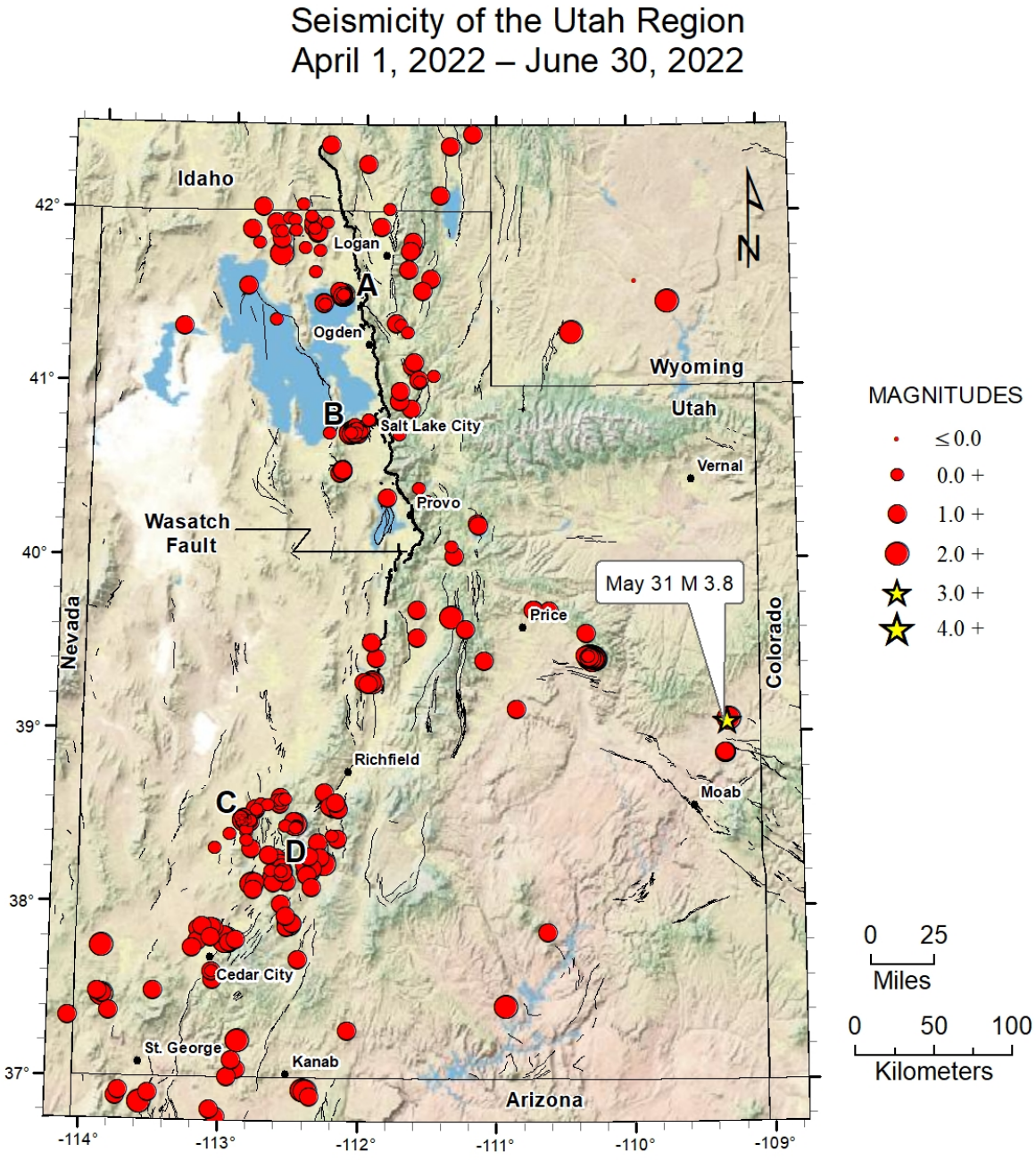


Figure 1. Earthquake epicenters, located by the University of Utah Seismograph Stations, superimposed on a map of Quaternary (geologically young) faults (black lines) compiled by the Utah Geological Survey. The Wasatch fault is shown in bold. Earthquakes of magnitude 3.0 and larger are labeled by local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

Table 1

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

January 1, 2022 to December 31, 2022

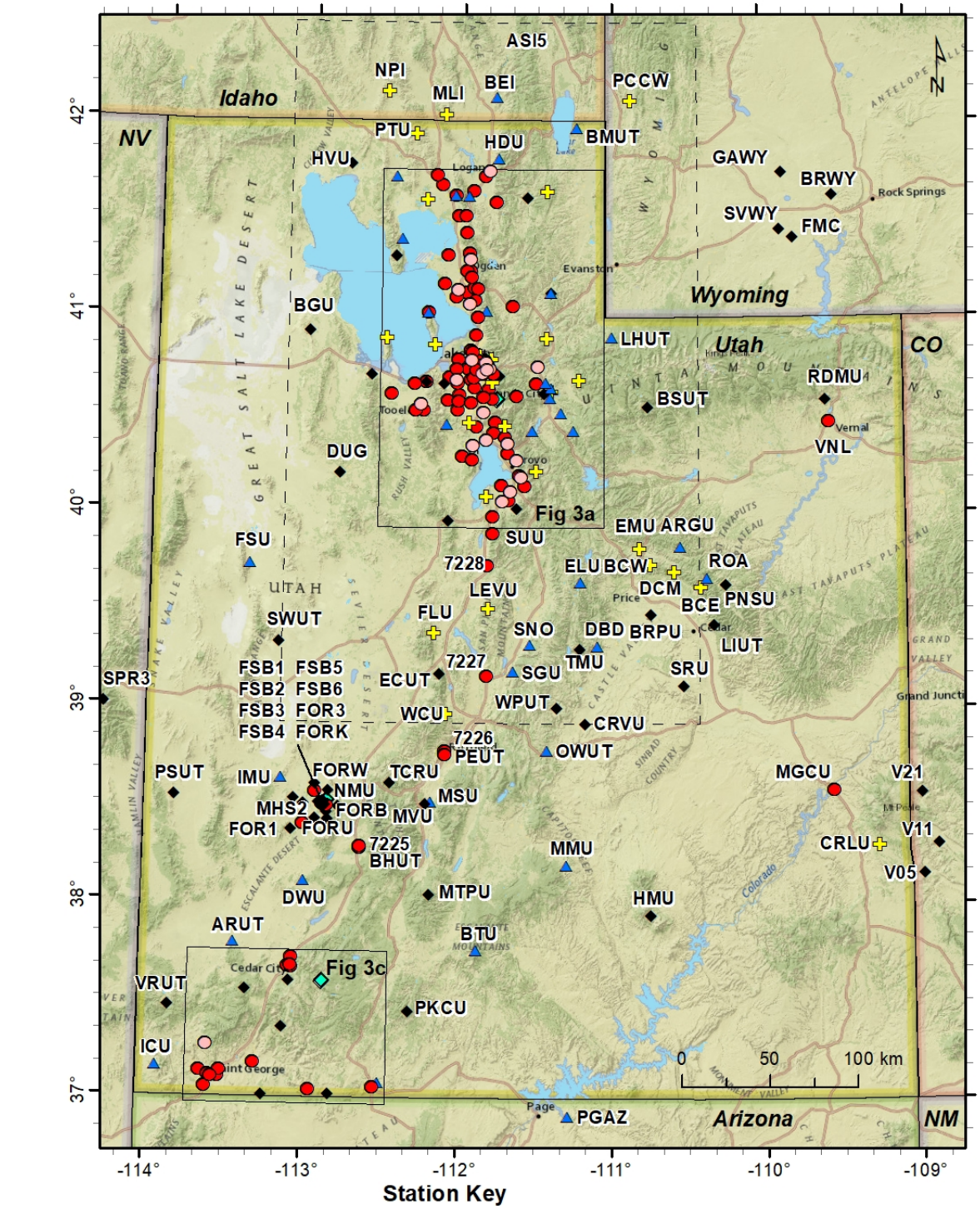
Date and Time†	Felt Information‡	Latitude	Longitude	Magnitude§
2022-02-19 15:17:28 MST 2022-02-19 22:17:28 UTC	DYFI ShakeMap	38º 34.41′	112º 13.43′	M_L 3.5
2022-03-02 02:08:11 MST 2022-03-02 09:08:11 UTC	DYFI ShakeMap	38º 35.09′	112º 12.75′	M_L 3.4
2022-05-31 16:12:11 MDT 2022-05-31 22:12:11 UTC	DYFI ShakeMap	39º 04.28′	109º 17.15′	M_C 2.5
2022-05-31 16:12:27 MDT 2022-05-31 22:12:27 UTC	DYFI ShakeMap	39º 03.65′	109º 17.75′	M_L 3.8
2022-06-03 05:02:47 MDT 2022-06-03 11:02:47 UTC	DYFI	40º 43.13′	112º 05.92′	M_L 2.5

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

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

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

Utah Regional/Urban Seismic Network
June 30, 2022



Station Key

- Single-component, Analog-telemetry, Short-period
- Multi-component, Analog-telemetry, Short-period
- Multi-component, Digital-telemetry, Broadband
- Multi-component, Digital-telemetry, Strong Motion

Bounds of map correspond to standard "Utah Region"

- Traditional "Wasatch Front Area"
- Multi-comp Strong-Motion, Vertical Short-Period Digital and/or Analog-telemetry
- NetQuakes

Figure 2

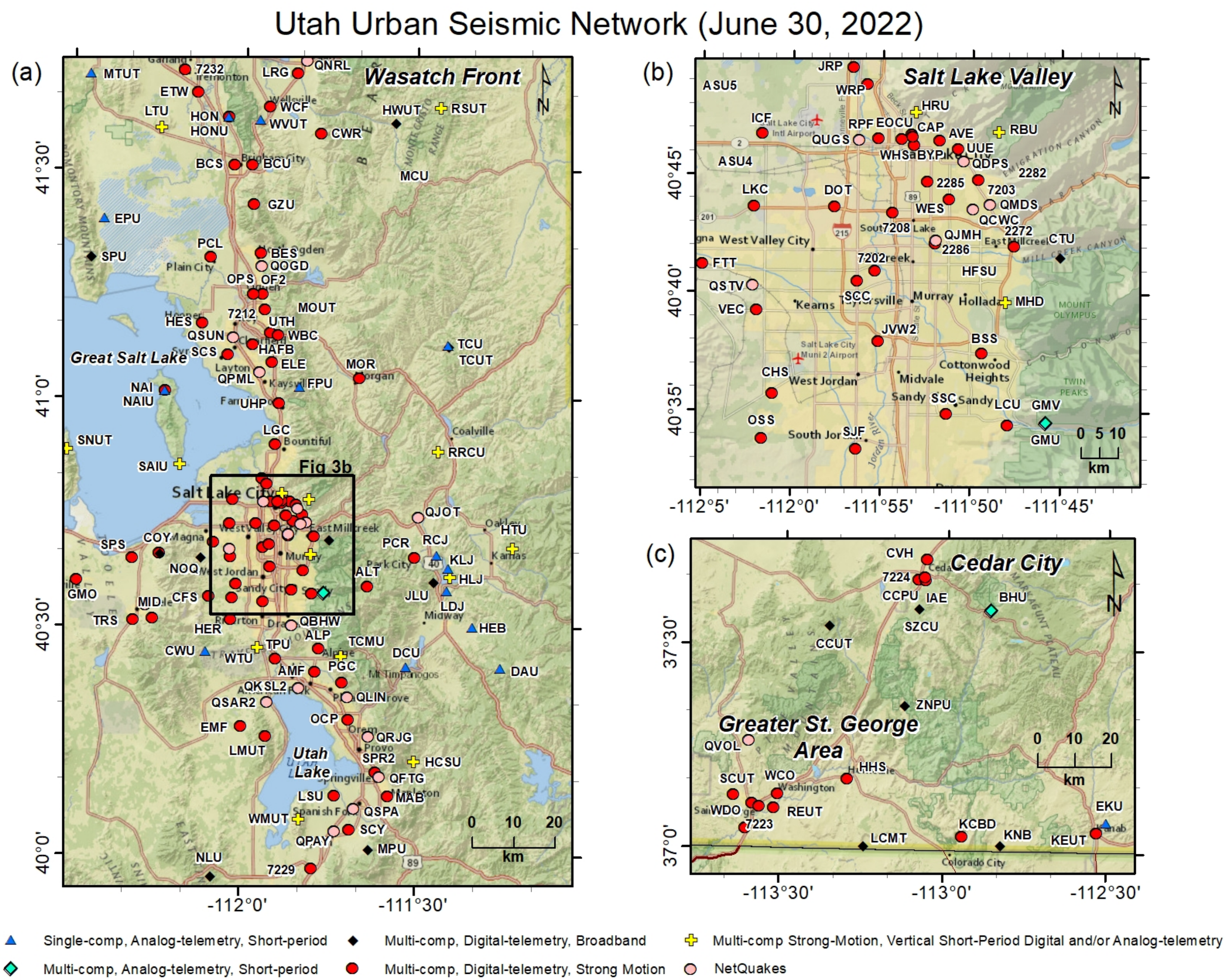

Utah Urban Seismic Network (June 30, 2022)
(a)
Wasatch Front
Great Salt Lake
Utah Lake
Fig 3b
41°30'
41°0'
40°30'
40°0'
-112°0'
-111°30'
0 10 20
km
(b)
Salt Lake Valley
40°45'
40°40'
40°35'
-112°5'
-112°0'
-111°55'
-111°50'
-111°45'
0 5 10
km
(c)
Cedar City
Greater St. George Area
37°30'
37°0'
-113°30'
-113°0'
-112°30'
0 10 20
km
Single-comp, Analog-telemetry, Short-period
Multi-comp, Digital-telemetry, Broadband
Multi-comp Strong-Motion, Vertical Short-Period Digital and/or Analog-telemetry
Multi-comp, Analog-telemetry, Short-period
Multi-comp, Digital-telemetry, Strong Motion
NetQuakes

Figure 3

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2022

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
220401	06:16:43.28	38º 07.56′	112º 45.84′	2.8*	1.2	8	237	21	0.04
220401	07:37:07.42	38º 28.32′	112º 48.19′	4.5	-0.3	10	184	2	0.05
220401	08:11:35.87	38º 28.42′	112º 48.10′	5.1	1.5W	17	140	2	0.06
220401	08:22:53.75	38º 28.45′	112º 47.92′	5.0	0.9W	15	156	2	0.05
220401	17:28:20.87	38º 29.67′	112º 50.56′	-0.2	-0.7	11	110	3	0.05
220402	16:31:27.19	41º 30.66′	112º 10.20′	3.4*	0.8	15	64	11	0.11
220402	21:36:12.24	37º 16.36′	112º 04.93′	6.0*	1.6	8	174	43	0.11
220402	23:00:21.05	41º 46.29′	111º 39.51′	8.1	1.1	19	186	10	0.13
220402	23:02:37.85	41º 47.09′	111º 38.47′	8.9	1.7W	21	77	11	0.16
220403	02:31:11.97	38º 28.95′	112º 51.07′	3.3	0.9W	14	181	2	0.04
220403	05:45:16.13	41º 52.10′	112º 22.42′	7.2	1.4	9	85	8	0.11
220404	03:36:34.43	41º 18.05′	111º 40.51′	9.5*	0.6	16	91	20	0.12
220404	08:08:41.42	38º 36.31′	112º 33.03′	0.8	0.5	9	195	9	0.07
220404	19:45:11.57	41º 54.50′	111º 53.01′	5.1*	1.0	10	195	15	0.05
220404	20:10:03.44	37º 51.25′	113º 09.77′	13.5	1.3W	7	139	26	0.06
220405	09:57:51.96	40º 03.99′	111º 20.08′	13.3	0.6	11	216	22	0.22
220405	14:04:16.04	38º 28.62′	112º 48.18′	4.5	-0.5	15	172	2	0.06
220405	17:03:22.85	38º 28.58′	112º 48.24′	4.5	0.7	15	206	2	0.06
220405	17:03:29.20	38º 28.70′	112º 48.27′	4.1	0.1	13	198	2	0.07
220406	02:45:59.99	40º 42.93′	112º 02.58′	9.9	1.1	15	73	1	0.13
220406	16:59:36.58	38º 28.97′	112º 50.56′	0.1	-0.4	9	197	3	0.06
220406	16:59:47.26	38º 29.00′	112º 50.41′	0.1	0.9W	18	196	1	0.06
220406	17:00:00.05	38º 29.02′	112º 50.34′	0.0	0.1	18	198	2	0.07
220406	17:01:31.45	38º 28.92′	112º 50.61′	-0.3	-0.1	18	108	1	0.07
220406	17:01:56.95	38º 28.97′	112º 50.51′	0.1	-0.7	10	223	3	0.05
220406	17:02:04.23	38º 28.86′	112º 50.82′	0.1	-0.8	8	211	3	0.06
220406	17:02:09.36	38º 28.91′	112º 50.71′	-0.2	0.1	17	107	1	0.06
220406	17:02:21.77	38º 28.99′	112º 50.13′	0.2	-0.4	9	238	3	0.05
220406	17:02:55.64	38º 29.00′	112º 50.61′	0.1	-0.4	8	218	3	0.08
220406	18:28:29.60	38º 28.91′	112º 50.64′	0.2	0.7	18	108	1	0.07
220406	18:29:47.60	38º 29.01′	112º 50.86′	-3.4	-0.3	8	207	2	0.09
220406	18:31:29.11	38º 28.89′	112º 50.41′	0.0	1.1	10	229	3	0.07
220406	18:33:08.78	38º 28.83′	112º 50.64′	0.1	-0.4	9	220	3	0.07
220406	18:33:20.98	38º 29.07′	112º 49.91′	0.1	-0.6	8	247	4	0.10
220406	18:35:06.25	38º 28.91′	112º 50.50′	0.1	1.6W	22	110	1	0.06
220406	18:35:48.66	38º 28.91′	112º 50.78′	-0.2	-0.4	14	212	1	0.08
220406	18:39:03.37	38º 28.87′	112º 50.61′	-0.2	0.5	19	109	1	0.08
220406	18:45:08.70	38º 28.86′	112º 50.74′	-0.1	0.5	20	107	1	0.07
220406	19:09:30.62	38º 29.03′	112º 50.65′	-0.4	0.6	15	127	1	0.07
220406	19:10:58.83	38º 28.90′	112º 50.54′	-0.3	1.9W	16	109	1	0.06
220406	19:11:23.04	38º 28.91′	112º 50.59′	0.1	2.1W	16	108	1	0.07
220406	19:15:43.36	38º 28.90′	112º 50.57′	0.3	0.5	22	109	1	0.07
220406	19:17:36.44	38º 28.90′	112º 50.50′	-0.2	1.6W	24	110	1	0.09
220406	19:25:19.01	38º 29.01′	112º 50.68′	-0.4	-0.7	13	104	3	0.07

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2022

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
220406	19:25:24.66	38° 28.87′	112° 50.55′	-0.2	0.9	21	110	1	0.09
220406	19:35:45.92	38° 28.90′	112° 51.04′	0.0	-0.7	12	201	2	0.10
220406	19:45:25.18	38° 28.83′	112° 50.54′	-0.2	-0.2	13	138	2	0.06
220406	20:15:25.54	38° 28.93′	112° 50.48′	-0.5	0.2	12	221	1	0.04
220406	21:21:29.30	38° 28.88′	112° 50.99′	-0.3	-0.9	8	202	2	0.04
220406	21:21:31.73	38° 28.98′	112° 50.41′	-0.4	-0.6	8	228	3	0.03
220407	02:11:40.88	38° 07.53′	112° 37.59′	11.0	1.6W	19	146	17	0.07
220408	12:51:43.76	41° 53.88′	112° 23.60′	7.2	0.8	7	148	7	0.14
220408	17:36:02.32	38° 29.38′	112° 50.26′	0.2	-0.3	12	101	3	0.04
220408	23:31:46.34	40° 30.23′	112° 09.96′	0.3	1.1	11	110	8	0.16
220408	23:32:03.68	40° 30.11′	112° 09.59′	1.2	1.4	7	142	8	0.13
220409	00:32:47.56	40° 30.02′	112° 09.55′	1.0	1.5	7	143	8	0.17
220409	08:57:02.89	41° 38.87′	112° 23.21′	6.7	0.8	8	161	6	0.06
220409	10:12:15.65	40° 30.30′	112° 10.02′	0.4	1.2	15	109	8	0.19
220409	16:34:05.41	37° 50.58′	110° 37.51′	2.4*	1.8	7	244	15	0.12
220410	01:52:15.29	40° 43.16′	112° 15.59′	2.1	0.7	18	100	7	0.20
220411	02:07:22.69	40° 30.66′	112° 09.54′	2.6	1.8W	56	34	8	0.19
220411	02:20:03.67	39° 25.41′	110° 18.42′	-3.3	2.7W	21	116	2	0.19
220411	03:30:09.21	40° 30.38′	112° 09.59′	-0.5	1.0	31	66	8	0.18
220411	05:54:26.75	41° 30.50′	112° 10.20′	1.7*	0.5	11	108	11	0.06
220412	09:22:46.05	38° 21.83′	112° 49.65′	3.7	0.2	11	158	7	0.06
220412	22:41:04.81	38° 08.53′	112° 38.51′	12.4*	1.7W	14	189	31	0.06
220412	22:52:31.95	40° 51.72′	111° 38.72′	11.2	1.8W	47	46	16	0.13
220413	02:15:14.86	38° 34.65′	112° 43.27′	4.4*	0.7	17	124	11	0.07
220413	02:49:05.58	41° 30.51′	112° 10.09′	1.3*	0.5	8	108	11	0.08
220413	04:35:09.55	40° 42.64′	111° 43.95′	5.3	0.7	15	90	3	0.10
220413	07:22:54.46	40° 29.29′	112° 10.53′	1.6	1.2	7	169	7	0.19
220414	03:32:16.50	41° 18.44′	110° 25.75′	32.6	2.1W	31	65	50	0.23
220414	18:05:44.51	40° 43.29′	112° 05.62′	10.3	0.7	21	57	4	0.14
220415	16:48:39.17	40° 57.84′	111° 43.54′	5.9*	1.1	6	90	22	0.11
220417	01:45:44.51	42° 22.57′	111° 21.41′	3.3*	1.5	9	285	45	0.04
220417	16:25:47.98	39° 41.80′	110° 36.74′	-2.2	1.7	9	79	2	0.10
220418	02:30:54.05	38° 34.36′	112° 11.61′	3.8	1.4W	8	272	8	0.10
220418	02:34:36.49	38° 33.89′	112° 13.06′	-0.2	1.3W	9	163	7	0.06
220418	04:31:23.40	41° 03.03′	111° 28.71′	14.6	0.7	18	95	9	0.18
220418	17:23:47.52	40° 43.83′	112° 04.69′	9.1	0.9	20	87	4	0.11
220419	08:15:26.39	42° 00.50′	111° 49.01′	1.7*	0.9	12	87	12	0.03
220419	09:48:22.03	41° 52.99′	112° 32.30′	1.6*	0.5	7	123	23	0.08
220419	18:01:56.54	36° 46.15′	113° 00.83′	16.9	1.6W	10	178	32	0.08
220420	03:23:40.53	36° 53.19′	113° 44.12′	20.6	1.2	11	252	21	0.14
220420	04:29:30.24	41° 56.47′	112° 32.74′	4.7*	0.6	5	138	18	0.23
220420	15:00:22.44	38° 12.45′	112° 20.69′	6.1*	1.3	10	159	35	0.09
220420	21:45:50.04	41° 19.52′	113° 22.58′	3.1*	1.5W	14	155	54	0.16
220421	13:35:26.77	38° 22.89′	112° 10.00′	3.5*	1.7W	24	100	14	0.18

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2022

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
220421	14:39:55.24	38º 29.93′	112º 51.32′	1.0	--	9	174	2	0.10
220421	14:53:34.43	38º 30.13′	112º 51.78′	1.2	--	10	225	1	0.06
220421	14:59:06.32	38º 29.78′	112º 51.80′	-0.2	--	8	215	1	0.08
220421	14:59:40.52	38º 29.83′	112º 52.92′	0.6	-0.1	9	148	1	0.11
220421	15:11:55.80	38º 29.97′	112º 52.87′	0.4	-0.3	13	122	1	0.13
220421	15:22:15.54	38º 29.88′	112º 52.28′	0.8	-0.3	16	71	0	0.07
220421	15:42:00.20	38º 30.33′	112º 51.32′	-0.1	--	13	158	1	0.11
220421	15:46:10.14	38º 30.22′	112º 53.20′	0.9	--	6	193	0	0.01
220421	16:03:11.18	38º 30.21′	112º 52.14′	0.3	--	11	92	1	0.12
220421	16:54:30.48	38º 29.72′	112º 51.76′	-1.0	0.2	9	153	2	0.05
220421	16:56:29.27	38º 29.88′	112º 52.04′	0.1	0.2	11	135	2	0.03
220421	19:04:33.92	38º 29.77′	112º 51.78′	-0.3	-0.1	12	147	2	0.14
220421	19:11:13.37	38º 29.98′	112º 52.32′	1.0	-0.1	9	123	1	0.03
220421	19:19:11.45	38º 30.53′	112º 50.84′	-0.3	0.4	6	296	3	0.23
220421	20:15:49.77	38º 30.02′	112º 52.81′	1.8	0.0	10	75	1	0.10
220421	21:34:04.83	38º 29.85′	112º 52.31′	1.0	0.0	14	126	0	0.05
220421	21:52:02.82	38º 29.87′	112º 52.00′	0.6	0.1	17	74	1	0.05
220421	22:30:33.50	38º 29.77′	112º 51.71′	-0.5	--	10	155	2	0.04
220422	09:28:15.86	37º 02.82′	112º 52.62′	17.9	1.8W	12	140	6	0.09
220423	04:16:29.95	38º 36.41′	112º 33.54′	3.8	0.8	12	187	10	0.06
220423	11:01:34.90	40º 11.58′	111º 08.18′	5.7*	1.5	11	92	26	0.10
220423	13:33:42.00	40º 12.16′	111º 08.60′	6.3*	1.7	11	88	25	0.09
220423	18:40:22.24	42º 01.01′	112º 47.41′	4.7*	1.3	7	240	26	0.06
220424	01:47:18.29	37º 49.12′	112º 58.50′	2.2*	1.6	8	144	27	0.14
220424	01:59:00.52	38º 11.52′	112º 22.31′	7.6*	2.0W	15	127	25	0.12
220424	02:19:03.77	38º 10.24′	112º 22.93′	6.0*	1.0	10	269	40	0.12
220424	02:24:00.46	38º 11.55′	112º 22.04′	12.1*	1.9W	17	240	26	0.14
220424	05:02:03.72	38º 13.70′	112º 23.80′	7.9*	1.5W	11	229	22	0.21
220424	23:37:12.30	41º 52.56′	112º 22.22′	1.3	1.1	11	85	7	0.03
220425	20:45:13.16	41º 30.81′	112º 10.21′	5.6	1.3	19	71	11	0.12
220426	02:51:39.64	38º 29.47′	112º 50.31′	0.0	-0.4	22	100	1	0.09
220426	14:33:01.69	39º 24.79′	111º 05.69′	5.9*	1.5W	9	153	27	0.09
220426	17:51:49.43	41º 54.18′	112º 24.20′	5.5	1.4	7	151	7	0.07
220427	17:32:12.90	36º 53.72′	112º 20.65′	22.2	1.9	14	122	24	0.15
220428	12:23:46.63	39º 42.34′	110º 43.21′	-2.3	1.9W	20	51	3	0.10
220429	06:34:10.50	36º 54.34′	113º 30.26′	19.3	1.5W	13	152	26	0.17
220429	12:45:37.74	38º 16.01′	112º 36.39′	8.3*	1.7W	24	136	27	0.10
220430	00:49:27.11	37º 52.02′	112º 31.56′	11.2*	1.8W	22	106	49	0.16
220430	05:20:09.66	38º 28.30′	112º 51.55′	0.1	--	14	102	1	0.17
220430	05:20:11.63	38º 28.76′	112º 51.22′	-3.2	-0.5	9	222	2	0.09
220430	05:20:49.48	38º 27.95′	112º 52.59′	0.0	-0.9	8	172	2	0.07
220430	11:00:27.74	40º 47.47′	111º 57.69′	5.3	0.8W	22	155	4	0.15
220430	18:16:32.22	38º 21.34′	112º 18.26′	2.4*	1.6W	16	171	18	0.07
220430	23:17:16.76	41º 48.53′	112º 49.09′	3.5*	0.8	6	266	34	0.18

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2022

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
220501	06:00:59.59	41° 53.51′	112° 52.55′	6.0*	1.0	5	262	41	0.12
220501	07:50:42.89	37° 51.71′	113° 03.14′	14.6	1.3W	13	154	27	0.11
220501	18:21:12.05	38° 34.81′	112° 35.14′	5.9*	0.8	8	180	12	0.02
220501	18:37:13.79	38° 34.61′	112° 35.22′	3.0*	1.0	8	164	13	0.08
220502	03:35:20.15	37° 25.28′	110° 55.74′	-0.7*	2.1W	7	175	60	0.21
220502	12:56:08.13	40° 44.24′	112° 02.73′	6.9	0.6	13	105	7	0.11
220502	15:44:52.25	39° 42.24′	110° 43.67′	-3.2	1.3	6	146	3	0.05
220503	00:24:34.69	37° 44.90′	113° 51.80′	11.6*	2.4W	17	107	32	0.09
220503	04:25:48.82	41° 49.37′	111° 38.20′	9.8	1.2	14	85	11	0.15
220503	07:04:32.45	39° 39.56′	111° 20.12′	1.7*	2.1W	23	64	11	0.22
220503	08:55:33.66	41° 39.76′	111° 40.14′	9.1	1.5W	19	57	11	0.07
220503	13:56:24.95	41° 45.06′	112° 38.66′	7.5*	2.0W	24	173	18	0.12
220504	06:24:58.24	41° 35.91′	109° 56.43′	-2.7*	--	6	209	17	0.03
220504	06:33:14.68	40° 44.22′	112° 04.89′	8.9	0.5	17	100	4	0.10
220504	08:05:54.97	40° 44.58′	112° 03.81′	9.1	1.4W	37	45	3	0.13
220505	01:26:29.24	40° 43.22′	112° 03.85′	8.1	0.3	12	132	3	0.13
220505	19:15:29.68	38° 34.28′	112° 40.77′	6.8*	0.6	10	168	15	0.05
220506	04:47:34.07	40° 45.97′	112° 04.36′	9.1	0.6	17	103	5	0.12
220507	07:19:01.99	37° 47.79′	112° 57.17′	5.3*	2.5W	21	151	25	0.23
220507	13:00:58.34	37° 52.17′	113° 08.26′	8.4*	1.0	10	146	28	0.09
220507	23:37:57.30	39° 16.38′	111° 57.20′	2.5*	1.1	6	182	19	0.04
220507	23:55:52.19	39° 17.00′	111° 55.26′	4.8*	1.8W	10	82	22	0.14
220508	00:03:53.81	39° 17.12′	111° 58.64′	3.8*	1.5	6	98	18	0.05
220508	20:10:19.01	39° 17.23′	111° 55.18′	4.0*	2.3W	16	61	22	0.14
220510	13:01:36.42	40° 43.95′	112° 04.27′	9.8	2.1W	37	53	3	0.21
220510	13:56:44.84	40° 43.82′	112° 04.26′	10.2	1.2	17	87	3	0.10
220511	02:01:04.14	38° 26.86′	112° 32.81′	5.9*	0.6	7	239	20	0.01
220511	04:06:30.16	37° 20.48′	114° 05.45′	9.5*	1.2	10	264	25	0.08
220511	15:18:13.64	37° 53.43′	112° 29.23′	9.5*	1.7W	23	86	51	0.20
220511	22:55:46.98	40° 44.26′	112° 03.57′	8.9	1.2	18	53	2	0.11
220511	23:18:57.66	40° 19.75′	111° 31.28′	1.3*	0.9	11	126	17	0.19
220512	03:03:54.04	39° 25.96′	110° 18.78′	-1.0	1.9	5	194	1	0.02
220512	06:42:29.65	39° 25.87′	110° 18.31′	-1.2	1.5	8	196	2	0.09
220512	13:20:44.06	37° 53.14′	112° 30.26′	7.7*	2.1W	26	69	50	0.23
220512	13:23:22.15	38° 00.06′	112° 34.11′	5.6*	1.5W	10	280	39	0.07
220512	13:36:58.10	37° 55.88′	112° 31.95′	5.9*	1.1	10	228	45	0.08
220513	01:35:32.92	39° 25.72′	110° 17.25′	-2.7	1.7	9	202	3	0.17
220513	07:48:14.23	37° 46.94′	112° 56.81′	6.6*	2.7W	21	98	24	0.16
220513	09:35:55.71	39° 25.85′	110° 18.24′	-1.5	1.6	7	197	2	0.13
220513	10:02:40.00	37° 46.91′	112° 58.01′	6.9*	2.1W	20	132	23	0.28
220513	12:40:18.36	37° 47.64′	112° 53.76′	13.8*	1.3W	8	214	36	0.12
220513	22:57:13.67	38° 33.02′	112° 09.77′	4.2	1.3W	9	220	7	0.12
220514	11:39:26.04	38° 35.81′	112° 35.11′	1.8*	0.6	10	180	12	0.08
220514	14:18:17.25	41° 20.63′	111° 43.59′	6.5*	0.8W	13	109	23	0.11

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
220514	21:14:48.33	39º 34.10′	110º 19.88′	1.9	1.5W	10	130	10	0.13
220515	06:12:08.02	37º 46.66′	112º 56.36′	1.9*	1.6W	19	81	13	0.27
220515	08:04:13.01	37º 28.13′	113º 51.09′	9.3	1.4W	15	102	1	0.16
220515	12:11:41.19	41º 55.63′	112º 41.22′	1.7*	1.1	12	184	18	0.19
220516	14:20:01.21	38º 12.67′	112º 34.09′	3.6*	1.3W	13	124	34	0.12
220516	22:28:56.21	38º 32.75′	112º 45.88′	3.5	1.8W	24	108	8	0.12
220516	22:51:28.37	38º 32.58′	112º 45.27′	0.2	0.8W	20	145	9	0.05
220517	02:45:34.59	39º 25.62′	110º 17.84′	-1.8	1.2	8	199	2	0.15
220517	09:26:39.07	41º 30.48′	112º 10.06′	6.9	1.4W	25	64	11	0.10
220517	12:08:13.23	37º 36.47′	113º 03.85′	9.9	0.8	7	185	2	0.03
220517	12:08:38.06	37º 36.63′	113º 04.07′	10.2	1.1W	12	185	2	0.06
220517	14:53:02.18	37º 35.99′	113º 01.25′	10.8	--	8	235	6	0.16
220518	06:39:41.69	38º 11.42′	112º 38.94′	13.0	0.9	6	249	10	0.14
220518	10:34:31.35	38º 26.84′	112º 27.84′	4.2*	0.6W	15	158	18	0.07
220518	16:52:24.31	38º 14.11′	112º 34.69′	5.1*	1.5W	30	79	32	0.20
220519	03:29:34.30	39º 25.75′	110º 18.37′	-1.3	1.6	8	196	2	0.13
220519	05:33:10.89	38º 13.63′	112º 34.24′	12.7*	1.9W	29	43	36	0.20
220519	06:23:38.80	38º 34.48′	112º 12.61′	-2.5	1.9W	19	169	8	0.25
220519	07:26:01.58	38º 29.36′	112º 50.47′	0.1	-0.5	16	195	1	0.07
220519	20:26:09.54	39º 25.95′	110º 18.43′	-1.3	1.6	6	195	2	0.04
220520	03:50:06.24	39º 26.14′	110º 20.11′	-1.1	1.1	5	127	2	0.03
220520	04:17:25.46	38º 33.89′	112º 11.17′	-0.6	2.0W	22	81	7	0.17
220520	17:08:27.87	38º 14.16′	112º 15.28′	9.1*	2.5W	30	54	30	0.17
220521	03:19:57.64	41º 30.80′	112º 10.26′	8.1	2.4W	40	65	11	0.18
220521	04:04:34.97	41º 30.57′	112º 10.17′	5.4*	0.9	20	64	11	0.09
220521	17:17:14.52	41º 52.70′	112º 40.72′	6.4*	0.9	8	166	14	0.10
220521	17:23:38.71	38º 33.27′	112º 10.12′	4.8	1.5W	17	149	7	0.19
220522	13:17:07.54	39º 42.29′	111º 35.59′	13.3	1.3	10	94	26	0.08
220522	16:43:09.71	41º 30.43′	112º 10.28′	4.8*	0.7	16	64	11	0.06
220522	22:34:11.63	37º 05.98′	112º 54.61′	5.9*	1.0W	7	154	12	0.05
220523	02:50:43.66	37º 27.98′	113º 51.11′	10.1	2.0W	16	92	1	0.15
220523	02:56:56.02	37º 29.19′	113º 52.94′	1.5	1.1	7	223	4	0.06
220523	04:48:28.52	41º 46.16′	112º 21.18′	4.8*	0.8	9	72	14	0.09
220523	13:43:46.78	38º 24.09′	112º 57.27′	8.5	0.9	15	178	3	0.06
220523	16:00:23.37	39º 25.82′	110º 18.73′	-1.1	1.4W	7	194	1	0.13
220523	23:13:46.71	38º 24.85′	112º 49.63′	5.4	0.8W	18	265	2	0.19
220523	23:13:58.07	38º 25.78′	112º 49.76′	4.3	0.3	12	271	2	0.03
220524	08:02:05.00	41º 30.67′	112º 10.02′	4.6*	0.6	16	74	11	0.06
220524	12:31:26.96	40º 43.87′	112º 04.04′	11.1	2.1W	52	43	3	0.19
220524	15:11:46.51	39º 25.51′	110º 17.10′	-3.2	1.6	6	203	3	0.11
220524	19:11:08.38	41º 30.89′	112º 10.12′	7.7	1.4W	16	75	11	0.11
220524	21:56:44.08	41º 36.52′	111º 30.15′	11.8	1.4W	17	111	5	0.14
220524	22:05:25.64	41º 52.72′	112º 38.82′	11.2	0.8	7	213	15	0.04
220525	07:10:24.66	38º 06.83′	112º 46.83′	5.8*	2.0W	21	158	19	0.12

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
220525	07:51:30.72	41º 30.75′	112º 09.92′	6.7	0.3	15	64	11	0.07
220526	06:05:41.11	39º 25.81′	110º 17.98′	-1.5	1.3W	7	183	2	0.09
220526	09:33:39.49	38º 27.56′	112º 28.09′	6.7*	2.0W	29	46	17	0.14
220526	11:36:40.30	38º 27.21′	112º 27.82′	9.3	0.8	15	156	17	0.06
220526	22:53:19.79	41º 01.71′	111º 35.22′	10.8	1.2W	21	92	7	0.10
220526	22:54:01.92	41º 01.03′	111º 34.99′	10.5	0.6	11	117	8	0.09
220527	00:40:31.91	41º 30.63′	112º 10.49′	6.8	1.1	24	65	11	0.10
220527	07:12:26.19	40º 44.18′	112º 01.83′	8.6	1.0W	28	54	1	0.11
220527	07:21:11.97	40º 44.10′	112º 01.76′	9.6	0.6	12	104	1	0.06
220527	11:14:20.61	41º 29.97′	112º 10.17′	0.1*	0.7	12	87	12	0.15
220527	12:12:00.36	41º 30.33′	112º 10.32′	2.8*	0.4	6	109	11	0.05
220527	20:59:14.91	41º 30.29′	112º 10.23′	4.4*	1.1W	16	64	12	0.10
220527	21:29:21.92	41º 30.42′	112º 10.27′	0.9*	0.7	14	70	11	0.14
220527	21:29:25.03	41º 32.23′	112º 11.61′	14.5	1.3W	10	103	8	0.17
220528	02:57:26.38	40º 44.19′	112º 02.28′	8.8	0.7	11	95	1	0.07
220528	05:33:03.95	41º 06.55′	111º 38.33′	7.7	1.7W	35	69	7	0.17
220529	01:00:44.96	37º 00.19′	112º 56.53′	18.9	1.1W	7	136	11	0.04
220529	20:08:59.59	38º 26.84′	112º 27.93′	6.3*	0.9	9	157	18	0.03
220530	01:00:02.84	41º 07.64′	111º 37.42′	7.9	1.4	26	88	10	0.11
220530	07:02:12.35	36º 55.11′	113º 42.91′	22.8	1.2	11	250	24	0.13
220530	16:17:13.61	37º 22.42′	113º 48.23′	5.8	1.5W	7	207	11	0.06
220530	19:24:58.71	38º 28.60′	112º 29.01′	8.6	1.0W	16	146	15	0.05
220531	01:03:30.70	40º 43.52′	112º 01.33′	9.9	0.5	17	60	1	0.17
220531	04:17:02.27	38º 38.62′	112º 15.71′	1.2*	1.8W	16	97	16	0.25
220531	06:37:52.17	37º 48.29′	113º 04.56′	10.5	1.0	12	164	15	0.11
220531	11:27:31.55	41º 30.81′	112º 10.42′	6.9*	1.5W	26	71	16	0.10
220531	15:28:43.99	40º 54.10′	111º 44.26′	7.2*	1.3	17	80	15	0.09
220531	22:12:11.80	39º 04.28′	109º 17.15′	6.0*	2.5	14	105	63	0.14
220531	22:12:27.62	39º 03.65′	109º 17.75′	6.8*	3.8W	20	102	62	0.20
220601	06:30:31.21	40º 24.15′	111º 34.77′	6.8	0.9	23	100	5	0.15
220601	22:52:04.47	39º 35.66′	111º 13.80′	-2.8	1.3W	11	193	6	0.13
220602	01:02:34.98	39º 25.71′	110º 17.48′	-2.7	1.3W	9	185	3	0.12
220602	14:49:58.14	38º 06.05′	112º 21.03′	6.0*	1.0	6	139	46	0.32
220602	17:03:55.48	38º 52.58′	109º 18.68′	17.8*	1.5W	15	96	46	0.14
220602	18:08:23.31	39º 25.75′	110º 18.04′	-1.8	1.7	9	122	2	0.12
220603	01:46:15.48	36º 51.25′	113º 33.66′	11.0*	2.2W	13	167	33	0.19
220603	03:14:24.18	39º 25.91′	110º 18.54′	-1.4	1.3W	9	194	2	0.14
220603	06:08:05.25	39º 25.48′	110º 16.83′	-3.5	1.4W	6	205	4	0.09
220603	11:02:47.22	40º 43.13′	112º 05.92′	11.6	2.5W	42	46	4	0.17
220603	11:14:35.66	40º 42.85′	112º 06.04′	11.1	1.0W	32	57	3	0.23
220603	16:51:45.22	41º 30.52′	112º 09.62′	3.0*	0.5	9	94	12	0.05
220603	19:44:22.52	39º 25.63′	110º 17.36′	-2.5	1.6W	10	185	3	0.12
220604	04:40:00.71	39º 26.01′	110º 18.15′	-1.8	1.7W	12	182	2	0.14
220604	05:08:00.24	41º 30.71′	112º 10.04′	4.2*	0.6	15	64	11	0.07
220604	05:31:27.03	39º 25.74′	110º 17.91′	-1.6	1.3	5	198	2	0.05

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
220604	06:14:19.10	41° 30.67′	112° 10.11′	5.0*	0.7	14	70	11	0.05
220604	11:51:29.02	42° 05.58′	111° 25.87′	3.2*	1.3	23	147	22	0.18
220604	17:28:59.80	39° 25.52′	110° 17.00′	-3.4	1.5	6	203	4	0.09
220604	18:20:11.14	39° 25.60′	110° 17.56′	-2.5	1.6	8	200	3	0.11
220604	18:45:26.02	39° 25.68′	110° 18.35′	-1.3	1.4W	7	196	2	0.12
220604	19:45:40.61	40° 43.16′	112° 05.70′	9.2	0.2	7	102	8	0.05
220604	23:45:40.05	38° 15.23′	112° 34.73′	6.0*	1.8W	11	158	34	0.09
220605	01:05:14.58	39° 25.77′	110° 18.32′	-1.2	1.3	7	196	2	0.08
220605	20:43:05.10	40° 43.13′	112° 05.47′	9.9	1.7W	43	44	4	0.16
220605	21:00:47.31	40° 43.81′	112° 05.78′	7.3	0.8	28	61	5	0.28
220606	00:43:34.69	40° 43.35′	112° 05.63′	10.2	1.4W	43	45	4	0.20
220606	08:40:50.08	41° 55.90′	112° 17.85′	3.0	0.6	8	109	2	0.07
220606	14:27:34.14	41° 33.69′	112° 53.60′	4.3*	1.3	16	192	26	0.10
220606	15:41:02.92	41° 30.25′	112° 10.34′	2.0*	0.7	15	88	12	0.09
220606	19:16:28.54	39° 26.00′	110° 18.67′	-1.6	2.1W	17	115	2	0.15
220606	22:06:29.37	38° 52.56′	109° 18.87′	6.0*	1.5W	14	95	46	0.13
220607	02:56:39.86	39° 25.83′	110° 17.48′	-2.7	1.7W	14	169	3	0.14
220607	06:39:59.23	40° 47.74′	111° 58.01′	4.4	0.7	6	160	7	0.08
220607	19:50:55.48	39° 25.63′	110° 17.64′	-2.0	1.6W	8	200	3	0.12
220608	00:41:18.30	39° 25.44′	110° 16.95′	-3.4	1.6W	6	205	4	0.10
220608	02:16:42.04	39° 25.38′	110° 16.58′	-3.4	1.3W	6	206	4	0.13
220608	02:39:32.04	37° 44.86′	113° 12.45′	9.9*	1.0W	8	179	20	0.10
220608	05:35:39.39	39° 25.72′	110° 18.07′	-1.5	1.6W	12	169	2	0.14
220608	06:13:15.79	41° 27.95′	112° 19.02′	0.4*	1.1W	18	88	11	0.11
220608	06:56:49.50	37° 33.52′	113° 03.20′	12.6	1.9W	20	117	5	0.08
220608	07:49:45.06	37° 12.71′	112° 51.92′	17.6	2.0W	23	67	22	0.12
220608	07:51:19.63	38° 16.41′	112° 22.36′	5.9*	1.2W	11	224	29	0.09
220608	16:02:52.76	38° 26.39′	112° 28.14′	4.8*	0.5W	11	160	19	0.06
220608	17:10:09.51	37° 40.97′	112° 26.54′	2.8*	1.5	17	99	51	0.26
220608	20:28:56.29	39° 25.02′	110° 16.05′	-3.2	2.2W	17	190	5	0.24
220608	23:38:28.52	40° 43.14′	112° 04.27′	7.3	0.5	10	123	3	0.11
220609	01:37:30.86	39° 25.80′	110° 18.19′	-1.5	1.4W	8	197	2	0.15
220609	05:39:34.96	39° 25.30′	110° 16.55′	-3.4	1.2W	6	206	4	0.14
220609	11:25:56.75	40° 43.00′	112° 05.46′	10.8	1.1W	30	43	3	0.11
220609	20:38:46.21	36° 48.78′	113° 03.80′	26.2	1.5W	14	176	27	0.11
220610	01:40:37.99	40° 43.06′	112° 04.26′	9.0	1.0W	27	51	3	0.10
220610	09:53:01.66	40° 43.90′	112° 05.48′	8.6	0.7	17	87	5	0.17
220610	09:58:30.15	38° 52.76′	109° 18.86′	6.0*	1.3	14	96	46	0.13
220610	15:32:34.09	41° 32.45′	111° 34.07′	18.8	1.3W	28	100	7	0.14
220610	17:42:48.29	38° 36.85′	112° 34.99′	2.0*	1.0	9	193	12	0.07
220610	22:02:59.03	38° 52.95′	109° 18.91′	6.0*	1.6	13	172	46	0.08
220610	23:42:33.54	38° 07.82′	112° 31.96′	9.0*	1.9W	21	67	41	0.24
220611	02:39:10.54	38° 52.68′	109° 19.16′	6.0*	1.4W	15	95	46	0.11
220611	02:49:14.20	41° 28.07′	112° 19.04′	-1.0*	1.2W	17	88	11	0.14

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2022

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
220611	03:08:33.39	41º 27.48′	112º 18.59′	1.1*	0.8W	9	98	11	0.13
220612	03:20:23.37	41º 50.11′	112º 38.81′	5.4*	1.0	15	137	12	0.05
220612	10:12:33.29	38º 35.93′	112º 36.50′	1.0*	0.7W	8	198	14	0.05
220612	12:56:11.73	41º 30.46′	112º 10.31′	5.3*	1.0W	20	64	11	0.09
220613	06:57:04.63	39º 25.88′	110º 18.15′	-1.7	1.9W	9	197	2	0.09
220613	07:59:41.39	42º 22.81′	112º 16.86′	1.9*	1.2	9	135	32	0.15
220613	09:59:53.16	38º 32.94′	112º 45.78′	4.3	1.0W	15	149	8	0.08
220613	15:07:12.62	39º 26.04′	110º 19.10′	-1.1	1.5	5	191	1	0.01
220613	19:34:51.38	39º 25.47′	110º 18.53′	-0.8	1.1	5	196	1	0.01
220613	22:33:17.20	41º 57.25′	112º 35.42′	3.3*	0.7	7	156	22	0.06
220613	23:25:59.41	38º 32.60′	112º 45.30′	0.5	0.2	15	296	9	0.05
220613	23:26:35.62	39º 26.39′	110º 20.48′	-2.0	1.6	6	152	2	0.05
220614	00:40:14.22	39º 25.83′	110º 17.64′	-2.3	2.2W	16	200	3	0.13
220614	01:52:50.59	41º 22.30′	112º 40.62′	2.4*	0.9	9	185	20	0.08
220614	03:30:33.35	39º 26.07′	110º 18.91′	-1.2	1.5	7	192	1	0.07
220614	20:35:33.34	39º 24.71′	110º 17.17′	-1.9	2.1W	15	187	4	0.15
220615	17:12:43.19	38º 35.41′	112º 10.99′	12.2	1.2W	9	185	10	0.11
220616	01:18:58.58	39º 26.13′	110º 18.87′	-1.5	1.9W	21	114	2	0.20
220616	07:40:51.05	41º 57.73′	112º 24.99′	5.7	0.6	13	102	8	0.14
220616	08:03:50.87	41º 58.06′	112º 25.07′	3.4	0.1	7	103	9	0.04
220616	13:18:30.99	38º 23.77′	112º 12.09′	1.5*	0.8	12	250	12	0.08
220616	17:57:12.23	38º 19.00′	112º 47.39′	7.9*	1.4W	23	132	17	0.09
220616	18:35:41.92	39º 26.04′	110º 18.86′	-1.1	1.5	7	192	1	0.11
220616	21:35:02.06	39º 26.44′	110º 20.37′	-2.3	1.0	6	151	2	0.02
220617	05:09:21.40	38º 52.72′	109º 18.44′	7.2*	1.6W	15	97	46	0.13
220618	13:17:37.80	38º 16.22′	112º 17.47′	5.9*	1.6W	10	240	27	0.10
220619	05:26:16.24	40º 44.38′	112º 01.70′	9.3	1.3W	32	42	2	0.16
220619	08:04:59.46	39º 25.83′	110º 18.43′	-1.3	1.6W	13	195	2	0.12
220620	04:58:39.65	39º 30.96′	111º 55.42′	13.4	1.4W	9	140	9	0.14
220621	00:01:39.27	39º 26.03′	110º 18.10′	-1.9	1.7W	14	182	2	0.16
220621	01:14:54.08	39º 25.94′	110º 19.86′	-1.4	1.7	6	133	1	0.05
220621	03:27:03.28	39º 25.99′	110º 18.17′	-1.7	1.7W	15	182	2	0.16
220621	04:14:03.68	40º 20.79′	111º 49.31′	3.1	1.5W	37	47	10	0.20
220621	19:17:24.46	39º 26.25′	110º 19.40′	-1.4	1.6	9	169	1	0.14
220621	20:06:19.95	39º 26.17′	110º 19.79′	-1.4	1.8W	15	111	1	0.15
220621	20:36:20.83	37º 47.12′	113º 10.36′	8.5*	1.1W	9	143	22	0.08
220622	02:51:27.05	39º 25.98′	110º 18.82′	-1.1	1.6W	9	192	1	0.10
220622	06:32:42.56	39º 25.99′	110º 18.86′	-1.1	1.5	7	192	1	0.12
220622	09:19:03.76	39º 26.09′	110º 18.39′	-1.7	2.3W	16	118	2	0.18
220622	15:22:45.86	38º 19.13′	113º 03.36′	3.8	0.8	19	123	6	0.14
220622	16:31:27.48	39º 25.69′	110º 18.13′	-1.4	1.3W	7	197	2	0.15
220623	00:53:49.85	39º 26.64′	110º 18.98′	-3.0	1.4W	6	184	2	0.07
220623	01:45:14.12	38º 05.12′	112º 46.41′	6.3*	1.2	10	251	20	0.14
220623	02:21:23.74	39º 25.97′	110º 17.90′	-2.1	1.8W	10	198	3	0.15

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2022

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
220623	02:59:04.88	39º 25.69′	110º 17.86′	-1.7	1.5W	8	199	2	0.15
220623	03:47:57.01	39º 25.97′	110º 19.01′	-1.0	1.7	6	192	1	0.11
220623	03:48:31.69	39º 26.03′	110º 18.62′	-1.2	1.3	5	217	2	0.15
220623	04:15:42.14	39º 25.84′	110º 18.58′	-1.2	1.3W	7	179	2	0.08
220623	07:21:38.73	39º 25.96′	110º 18.84′	-1.0	1.0W	6	192	1	0.12
220623	15:10:06.44	39º 25.63′	110º 17.77′	-1.8	1.6W	7	199	3	0.15
220623	16:47:59.10	37º 29.75′	113º 29.08′	0.3*	1.1W	14	81	12	0.18
220623	16:58:58.90	39º 25.85′	110º 17.88′	-2.1	1.7	11	198	2	0.14
220623	19:06:20.31	39º 25.90′	110º 18.87′	-0.9	1.5	8	192	1	0.11
220623	20:55:00.44	39º 25.89′	110º 17.62′	-2.2	2.0W	21	185	3	0.17
220623	21:57:27.23	39º 25.96′	110º 18.53′	-1.5	1.6W	13	194	2	0.16
220624	01:42:28.20	39º 25.71′	110º 18.43′	-1.1	1.5	9	196	2	0.07
220624	04:54:43.83	39º 25.74′	110º 17.56′	-2.5	1.3W	7	200	3	0.15
220624	04:58:47.01	39º 25.86′	110º 18.49′	-1.3	1.8W	16	180	2	0.14
220624	09:14:31.36	39º 25.85′	110º 17.23′	-3.5	1.6W	11	185	3	0.16
220625	02:33:13.58	41º 55.76′	112º 24.38′	-1.8	1.0	8	98	7	0.07
220625	04:36:41.48	38º 16.84′	112º 39.94′	7.7*	1.4W	26	72	23	0.12
220625	20:02:12.27	40º 00.69′	111º 18.94′	7.3*	1.2	11	112	27	0.15
220625	22:23:06.33	42º 02.00′	112º 29.00′	1.4*	0.9	8	127	13	0.12
220626	00:09:46.68	38º 11.23′	112º 34.47′	5.9*	0.8	7	130	38	0.09
220626	01:05:56.68	39º 32.68′	111º 35.41′	12.8	1.4W	14	89	20	0.12
220626	08:08:10.34	38º 11.48′	112º 34.34′	10.1	1.4W	18	128	11	0.10
220626	09:35:37.46	40º 44.36′	112º 04.52′	8.9	0.6	13	112	4	0.10
220626	16:12:17.83	42º 26.59′	111º 11.12′	10.6*	1.6W	15	65	54	0.16
220627	04:45:07.46	40º 44.71′	112º 03.58′	1.2	0.4	6	119	9	0.18
220627	07:58:04.50	39º 25.30′	111º 53.32′	12.6	1.5W	20	83	11	0.11
220627	16:28:02.68	39º 25.86′	110º 18.82′	-1.1	1.4W	7	126	1	0.14
220627	17:04:26.88	39º 25.74′	110º 18.17′	-1.4	1.5W	7	182	2	0.14
220627	17:56:53.35	39º 25.68′	110º 17.51′	-2.2	1.6W	12	184	3	0.16
220627	18:54:04.90	39º 25.88′	110º 17.65′	-2.1	2.0W	20	185	3	0.16
220627	20:20:38.83	39º 26.03′	110º 19.62′	-0.9	1.3	5	154	1	0.02
220627	20:54:31.57	39º 25.60′	110º 17.88′	-1.5	1.5W	10	199	2	0.15
220627	22:25:42.65	39º 26.07′	110º 19.34′	-0.9	1.4	9	176	1	0.04
220627	23:22:58.96	39º 26.41′	110º 19.61′	-1.8	1.3	9	157	2	0.06
220627	23:41:25.03	39º 25.73′	110º 18.03′	-1.5	1.4W	7	184	2	0.14
220627	23:47:03.74	39º 25.44′	110º 16.37′	-3.4	1.6W	8	207	5	0.20
220628	00:46:19.18	39º 25.76′	110º 17.51′	-2.5	1.3W	7	200	3	0.14
220628	01:09:33.89	39º 25.70′	110º 17.90′	-1.5	1.3	6	198	2	0.15
220628	01:31:46.57	39º 25.72′	110º 17.32′	-2.3	1.8W	22	104	3	0.18
220628	02:52:34.53	39º 25.65′	110º 17.95′	-1.6	1.4	8	198	2	0.14
220628	02:57:50.37	39º 25.94′	110º 18.01′	-2.1	1.5W	8	182	2	0.15
220628	03:24:16.34	41º 47.00′	112º 27.97′	0.6*	0.6	7	125	13	0.15
220628	06:00:23.98	39º 25.79′	110º 18.07′	-1.7	1.2W	8	182	2	0.14
220628	06:13:54.71	39º 26.09′	110º 19.19′	-0.9	0.8	8	186	1	0.03

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2022

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
220628	06:14:59.99	39º 25.69′	110º 18.31′	-1.4	1.4W	12	182	2	0.15
220628	06:20:08.26	36º 55.41′	112º 22.43′	16.7*	2.0W	9	227	41	0.16
220628	07:46:30.88	36º 55.66′	112º 23.47′	18.1	2.2W	20	79	17	0.21
220628	14:35:25.94	39º 26.39′	110º 19.72′	-1.9	1.4W	10	152	2	0.15
220628	15:13:58.08	39º 25.71′	110º 18.18′	-1.3	1.2W	6	197	2	0.14
220628	15:57:10.17	39º 25.86′	110º 16.77′	-3.4	2.0W	14	187	4	0.23
220628	18:30:47.37	39º 25.79′	110º 18.15′	-1.3	1.5W	11	197	2	0.13
220628	18:44:57.25	39º 25.84′	110º 17.98′	-1.7	1.5W	11	198	2	0.12
220628	20:31:53.79	39º 26.05′	110º 18.72′	-1.1	1.6	8	194	2	0.05
220628	20:40:23.41	39º 25.91′	110º 18.85′	-1.0	1.6	7	192	1	0.09
220628	21:01:14.93	42º 15.97′	111º 59.19′	5.0*	1.2	6	240	24	0.19
220628	21:23:13.72	39º 25.83′	110º 19.46′	-0.7	1.1	5	169	1	0.03
220628	21:30:59.46	39º 25.78′	110º 18.68′	-0.9	1.4W	14	194	1	0.14
220628	22:25:57.93	37º 52.02′	113º 04.28′	9.7*	1.1	7	170	27	0.07
220628	23:32:44.08	39º 25.87′	110º 18.31′	-1.3	1.8W	17	196	2	0.14
220629	00:12:31.41	41º 28.70′	109º 41.89′	-3.3	2.2W	13	169	10	0.12
220629	02:10:56.56	39º 25.89′	110º 17.86′	-1.8	1.5W	12	184	3	0.17
220629	02:54:03.68	39º 25.69′	110º 17.95′	-1.5	1.5	6	198	2	0.15
220629	04:06:07.62	39º 25.78′	110º 17.46′	-2.0	1.6W	11	200	3	0.12
220629	05:51:32.60	39º 26.25′	110º 18.69′	-1.4	1.6	6	193	2	0.10
220629	05:55:43.36	39º 25.72′	110º 18.11′	-1.5	1.6	6	197	2	0.14
220629	06:00:57.81	39º 25.81′	110º 17.59′	-2.4	1.4W	7	200	3	0.14
220629	06:06:53.80	39º 25.67′	110º 17.23′	-3.4	1.8W	14	202	3	0.14
220629	06:31:07.51	41º 21.10′	111º 45.53′	5.4*	1.5W	21	60	20	0.13
220629	07:10:54.30	39º 25.82′	110º 17.54′	-2.5	1.6	7	200	3	0.14
220629	15:46:44.93	39º 25.65′	110º 16.20′	-3.3	2.0W	13	188	5	0.20
220629	19:49:25.98	39º 25.87′	110º 18.55′	-1.1	2.0W	23	103	2	0.15
220629	20:00:55.89	39º 26.15′	110º 20.07′	-1.2	1.4W	8	133	2	0.10
220629	22:14:21.30	39º 07.89′	110º 51.14′	15.8	1.3W	18	136	29	0.23
220630	00:03:04.23	38º 11.13′	112º 34.36′	8.6*	2.2W	35	45	36	0.20
220630	00:18:36.51	39º 25.75′	110º 18.13′	-1.6	1.4W	8	197	2	0.16
220630	00:43:19.05	39º 26.07′	110º 18.62′	-1.3	1.4	11	194	2	0.08
220630	00:50:38.08	39º 26.17′	110º 19.54′	-1.1	0.8	7	161	1	0.02
220630	01:30:26.24	39º 25.91′	110º 18.86′	-1.0	1.5W	16	192	1	0.07
220630	02:51:36.60	39º 25.59′	110º 18.12′	-1.4	1.3W	10	197	2	0.15
220630	03:02:24.71	39º 26.00′	110º 18.88′	-1.2	1.1W	7	192	1	0.09
220630	03:48:16.51	39º 25.70′	110º 17.98′	-1.5	1.2W	10	198	2	0.14
220630	03:57:50.27	39º 25.71′	110º 18.28′	-1.2	1.3W	13	197	2	0.15
220630	05:51:13.38	39º 25.84′	110º 18.18′	-1.5	1.3W	13	197	2	0.12
220630	06:16:14.12	39º 25.75′	110º 17.18′	-3.5	1.5W	11	202	3	0.16
220630	06:56:45.81	38º 11.28′	112º 34.35′	8.3*	2.1W	28	71	38	0.15
220630	07:34:03.44	38º 11.00′	112º 33.70′	6.0*	1.2W	10	247	37	0.21
220630	14:04:36.80	39º 25.49′	110º 17.73′	-1.5	1.1	6	200	3	0.15
220630	15:14:57.75	39º 26.10′	110º 18.21′	-2.2	2.1W	14	103	2	0.19

Table 2. Earthquakes in the Utah Region: April 1–June 30, 2022

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
220630	17:05:04.70	39º 25.77′	110º 18.03′	-1.8	1.4W	8	182	2	0.15
220630	17:28:57.83	39º 25.67′	110º 18.04′	-1.4	1.4W	13	197	2	0.15
220630	18:40:12.86	39º 25.66′	110º 18.11′	-1.4	1.5W	12	197	2	0.15
220630	19:54:37.93	39º 26.00′	110º 18.56′	-1.3	1.6W	14	194	2	0.11
220630	21:24:37.68	39º 26.22′	110º 18.93′	-1.5	1.5W	10	192	2	0.12
220630	23:00:07.30	39º 25.82′	110º 18.15′	-1.5	1.5	6	197	2	0.13
220630	23:14:31.66	39º 25.69′	110º 17.88′	-1.9	1.5W	8	183	2	0.15
220630	23:37:42.91	39º 26.00′	110º 18.81′	-1.1	1.8	8	192	1	0.07

number of earthquakes = 449 M indicates moment magnitude
* indicates poor depth control W indicates Wood-Anderson data used for magnitude calculation

Table 3
UNIVERSITY OF UTAH REGIONAL/URBAN SEISMIC NETWORK
Operating Seismograph Stations
March 31, 2022

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[Z12]	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
FOR5	SW Antelope Mountain, UT	HH[ZEN]	3	UU	38° 34.18′	112° 51.27′	1742	Trillium 120	Centaur	Digital	Utah
FOR6	FORGE, UT	HH[ZEN]	3	UU	38° 29.39′	112° 47.25′	2421	Trillium 120	Centaur	Digital	Utah
FOR7	FORGE, UT	HH[ZEN]	3	UU	38° 25.24′	112° 51.16′	1964	Trillium 120	Centaur	Digital	Utah
FOR8	FORGE, UT	HH[ZEN]	3	UU	38° 31.72′	113° 04.68′	1654	Trillium 120	Centaur	Digital	Utah
FORB	Blundell, Power Plant, UT	EN[ZEN]	3	UU	38° 29.41′	112° 51.30′	1845	EpiSensor	Basalt	Digital	Utah
FORK	Blundell, UT	EH[Z12]	3	UU	38° 30.07′	112° 53.19′	1408	Omni-2400	Obsidian	Digital	Utah
		GH[Z12]	3								
		EN[Z12]	3					Silicon-ULN			
		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[Z12]	3	UU	38° 29.10′	112° 53.48′	1697	Titan	Centaur	Digital	Utah
		EN[Z12]	3								
		HH[Z12]	3					Compact			
FSB2	FORGE surface borehole 2, UT	DN[Z12]	3	UU	38° 30.44′	112° 54.98′	1587	Titan	Centaur	Digital	Utah
		EN[Z12]	3								
		HH[Z12]	3					Compact			
FSB3	FORGE surface borehole 3, UT	DN[Z12]	3	UU	38° 30.80′	112° 52.84′	1701	Titan	Centaur	Digital	Utah
		EN[Z12]	3								
		HH[Z12]	3					Compact			
FSB4	FORGE surface borehole 4, UT	HH[Z12]	3	UU	38° 25.54′	112° 56.02′	1578	Compact	Centaur	Digital	Utah
FSB5	FORGE surface borehole 5, UT	HH[Z12]	3	UU	38° 30.19′	113° 00.83′	1474	Compact	Centaur	Digital	Utah
FSB6	FORGE surface borehole 6, UT	HH[Z12]	3	UU	38° 36.12′	112° 56.47′	1462	Compact	Centaur	Digital	Utah
FSU	Fish Springs, UT	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
GRRI	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	Obsidian	Digital	USGS
		EN[ZEN]	3					EpiSensor			
HAFB	Hill Air Force Base, Hill AFB, UT	EN[ZEN]	3	UU	41° 07.07′	111° 58.55′	1471	EpiSensor	Etna2	Digital	Utah
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

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
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			
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						Basalt	Digital	
		EN[ZEN]	3					EpiSensor			
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
KCBD	Kane County Bus Depot, UT	EN[ZEN]	3	UU	37° 02.15′	112° 31.59′	1470	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			
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

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
LKWY	Lake, WY	BH[ZEN]	3	US	44° 33.91′	110° 24.00′	2424	*	*	Digital	USGS
LMUT	Lake Mountain, UT	EN[ZEN]	3	UU	40° 15.69′	111° 55.69′	2330	EpiSensor	Etna2	Digital	ANSS
LOHW	National Elk Refuge, WY	BH[Z12]	3	IW	43° 36.76′	110° 36.30′	2245	3ESP	RT-130	Digital	ANSS
LRG	Logan River Golf Course Logan, UT	EN[ZEN]	3	UU	41° 42.82′	111° 51.08′	1362	EpiSensor	Etna2	Digital	ANSS
LSU	Lake Shores, UT	EN[ZEN]	3	UU	40° 07.94′	111° 43.80′	1375	EpiSensor	Etna2	Digital	ANSS
LTU	Little Mountain, UT	EHZ	1	UU	41° 35.51′	112° 14.83′	1585	L4C	PSN	Analog	USGS
		EHZ	1						Basalt	Digital	
		EN[ZEN]	3					EpiSensor			
MAB	Mapleton Ambulance Building Mapleton, UT	EN[ZEN]	3	UU	40° 07.85′	111° 34.67′	1440	EpiSensor	Etna2	Digital	ANSS
MCID	Moose Creek, ID	EHZ	1	WY	44° 11.45′	111° 11.03′	2137	L4C	PSN	Analog	USGS
MCU	Monte Cristo Peak, UT	EN[ZEN]	3	UU	41° 27.70′	111° 30.45′	2664	Titan	Centaur	Digital	USGS
		HH[ZEN]	3					Trillium 120			
MGCU	Grand County Courthouse, Moab, UT	EN[ZEN]	3	UU	38° 34.46′	109° 32.89′	1241	EpiSensor	K2	Digital	Utah
MHD	Mile High Drive, UT	EHZ	1	UU	40° 39.64′	111° 48.05′	1597	Ranger	Basalt	Digital	USGS
		EN[ZEN]	3					EpiSensor			
MHS2	Milford High School, UT	EN[ZEN]	3	UU	38° 23.97′	113° 00.78′	1529	EpiSensor	Etna2	Digital	Utah
MID	Middle Canyon, UT	EN[ZEN]	3	UU	40° 31.04′	112° 15.28′	1722	EpiSensor	Etna2	Digital	ANSS
MLI	Malad Range, ID	EHZ	1	UU	42° 01.61′	112° 07.53′	1896	L4C	Basalt	Digital	USGS
		EN[ZEN]	3					EpiSensor			
MMU	Miners Mountain, UT	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[Z12]	3	IW	43° 44.92′	110° 44.69′	2128	*	*	Digital	ANSS
MOR	Morgan, UT	EN[ZEN]	3	UU	41° 02.77′	111° 39.94′	1633	Applied Mems	ANSS-130	Digital	ANSS
MOUT	Mount Ogden, UT	EN[ZEN]	3	UU	41° 11.94′	111° 52.73′	2743	Titan	Centaur	Digital	USGS
		HH[ZEN]	3					Trillium 120			
MPU	Maple Canyon, UT	EN[ZEN]	3	UU	40° 00.93′	111° 38.00′	1909	EpiSensor	Centaur	Digital	ANSS
		HH[ZEN]	3					Observer			USGS
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

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
NLU	North Lily Mine, UT	EN[ZEN]	3	UU	39° 57.29′	112° 04.50′	2036	EpiSensor	Centaur	Digital	ANSS
		HH[ZEN]	3					Trillium 120			
NMU	North Mineral Mountain, UT	EH[ZEN]	3	UU	38° 30.99′	112° 51.00′	1853	S13	PSN	Analog	Utah
NOQ	North Oquirrh Mountains, UT	EN[ZEN]	3	UU	40° 39.16′	112° 07.26′	1628	Titan	Centaur	Digital	ANSS
		HH[ZEN]	3					Trillium 120		Digital	USGS
NPI	North Pocatello, ID	EHZ	1	UU	42° 08.84′	112° 31.10′	1640	L4C	Basalt	Digital	ANSS
		EN[ZEN]	3					EpiSensor			
O20A	White River City, CO	BH[ZEN]	3	N4	40° 08.09′	108° 14.50′	1915	STS-2	Q330	Digital	NCF
OCP	Orem City Park, Orem, UT	EN[ZEN]	3	UU	40° 17.87′	111° 41.44′	1464	EpiSensor	Etna2	Digital	ANSS
OF2	Ogden Fire Station º 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

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
PV21	Cone Mountain, Paradox Basin, CO	HH[ZEN]	3	RE	38° 33.67′	108° 58.50′	2235	*	*	Digital	USBR
Q12A	Willow Creek Ranch, Ely, NV	HH[ZEN]	3	NN	39° 02.40′	114° 19.88′	1625	Trillium 120	Q330	Digital	UNR
QBHW	Bridle Trail Rd, Draper, UT	HN[ZEN]	3	UU	40° 30.23′	111° 51.35′	1400	Gsig-AC63	Gsig-GMS	Digital	ANSS
QCSP	White Pine Dr., Tooele, UT	HN[ZEN]	3	UU	40° 32.75′	112° 16.56′	1538	Gsig-AC63	Gsig-GMS	Digital	ANSS
QCWC	E 2100 S, Salt Lake City, UT	HN[ZEN]	3	UU	40° 43.54′	111° 49.94′	1373	Gsig-AC63	Gsig-GMS	Digital	ANSS
QDPS	Dept of Public Safety Univ. of Utah, Salt Lake City, UT	HN[ZEN]	3	UU	40° 45.60′	111° 50.46′	1460	Gsig-AC63	Gsig-GMS	Digital	ANSS
QFTG	N 450 E St., Springville, UT	HN[ZEN]	3	UU	40° 10.42′	111° 36.12′	1395	Gsig-AC63	Gsig-GMS	Digital	ANSS
QJHW	Red Rock Ranch, Teton County, WY	HN[ZEN]	3	UU	43° 34.99′	110° 24.65′	2169	Gsig-AC63	Gsig-GMS	Digital	ANSS
QJMH	S 900 E, Salt Lake City, UT	HN[ZEN]	3	UU	40° 42.21′	111° 51.97′	1312	Gsig-AC63	Gsig-GMS	Digital	ANSS
QJOT	Whileaway Rd., Snyderville, UT	HN[ZEN]	3	UU	40° 44.50′	111° 41.68′	1977	Gsig-AC63	Gsig-GMS	Digital	ANSS
QKSL2	Lehi, UT	HN[ZEN]	3	UU	40° 15.98′	111° 50.07′	1371	Gsig-AC63	Gsig-GMS	Digital	ANSS
QLIN	884 E 490 N, Lindon, UT	HN[ZEN]	3	UU	40° 20.83′	111° 29.63′	1538	Gsig-AC63	Gsig-GMS	Digital	ANSS
QLMT	Earthquake Lake, MT	EHZ	1	MB	44° 49.84′	111° 25.80′	2064	*	*	Analog	MBMT
QMDS	S 2600 E, Salt Lake City, UT	HN[ZEN]	3	UU	40° 43.74′	111° 48.97′	1405	Gsig-AC63	Gsig-GMS	Digital	ANSS
QNRL	E 500 N, Logan, UT	HN[ZEN]	3	UU	40° 44.44′	111° 49.49′	1407	Gsig-AC63	Gsig-GMS	Digital	ANSS
QOGD	1723 N 900 E, North Ogden, UT	HN[ZEN]	3	UU	41° 17.38′	111° 57.11′	1361	Gsig-AC63	Gsig-GMS	Digital	ANSS
QPAY	N 300 E Payson, UT	HN[ZEN]	3	UU	40° 03.18′	111° 43.70′	1404	Gsig-AC63	Gsig-GMS	Digital	ANSS
QPML	S Whitesides St., Layton, UT	HN[ZEN]	3	UU	40° 03.47′	111° 57.23′	1334	Gsig-AC63	Gsig-GMS	Digital	ANSS
QRJG	N 1450 E, Provo, UT	HN[ZEN]	3	UU	40° 15.65′	111° 37.96′	1530	Gsig-AC63	Gsig-GMS	Digital	ANSS
QSAR2	Saratoga Springs, UT	HN[ZEN]	3	UU	40° 20.17′	111° 55.43′	1420	Gsig-AC63	Gsig-GMS	Digital	ANSS
QSPA	520 S, Spanish Fork, UT	HN[ZEN]	3	UU	40° 17.47′	111° 52.95′	1413	Gsig-AC63	Gsig-GMS	Digital	ANSS
QSTV	S City Vistas Way, Kearns, UT	HN[ZEN]	3	UU	40° 40.25′	112° 02.18′	1416	Gsig-AC63	Gsig-GMS	Digital	ANSS
QSUN	1412 N 350 W, Sunset, UT	HN[ZEN]	3	UU	41° 08.04′	112° 01.97′	1373	Gsig-AC63	Gsig-GMS	Digital	ANSS
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

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
RRCU	Rees Ranch, Coalville, UT	EHZ	1	UU	40° 53.21′	111° 26.22′	2028	L4C	Basalt	Digital	Utah, USGS
		EN[ZEN]	3					EpiSensor			
RSUT	Red Spur, UT	EHZ	1	UU	41° 38.31′	111° 25.90′	2682	S13	Basalt	Digital	USGS
		EN[ZEN]	3					EpiSensor			
RWWY	Rawlins, WY	BH[ZEN]	3	IW	41° 41.33′	107° 12.61′	2402	3ESP	RT-130	Digital	ANSS
SAIU	South Antelope Island, UT	EHZ	1	UU	40° 51.29′	112° 10.89′	1384	L4C	PSN	Analog	USGS
		EHZ	1						Basalt	Digital	
		EN[ZEN]	3					EpiSensor			
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	*	*	Digital	ANSS
SNUT	Stansbury North, UT	EHZ	1	UU	40° 53.10′	112° 30.52′	1652	18300	PSN	Analog	USGS
		EHZ	1						Basalt	Digital	
		EN[ZEN]	3					EpiSensor			
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

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
SUU	Santaquin Canyon, UT	EH[ZEN]	3	UU	39° 53.29′	111° 47.45′	2024	S13	Obsidian	Digital	USGS
		EN[ZEN]	3					EpiSensor			
SVWY	Solvay Mine, WY	HH[ZEN]	3	UU	41° 27.02′	109° 51.88′	1950	Trillium 120	Centaur	Digital	Utah
SWUT	Soap Wash, Delta, UT	EN[ZEN]	3	UU	39° 19.72′	113° 11.72′	1644	EpiSensor	Q330	Digital	Utah
		HH[ZEN]	3					Trillium 120			
SZCU	Shurtz Canyon, UT	HH[ZEN]	3	UU	37° 35.72′	113° 05.25′	2026	3T	SMART-24	Digital	Utah
		EN[ZEN]	3					PA-23			
TCMU	Timpanogos Cave Mouth, UT	EHZ	1	UU	40° 26.26′	111° 42.71′	2045	L4C	Basalt	Digital	Utah
		EN[ZEN]	3					EpiSensor			
TCRU	Three Creeks Reservoir, UT	HH[ZEN]	3	UU	38° 36.57′	112° 26.83′	2293	Trillium 120	SMART-24	Digital	Utah
		EN[ZEN]	3					PA-23			
TCU	Toone Canyon, UT	EN[ZEN]	3	UU	41° 07.04′	111° 24.47′	2269	EpiSensor	ANSS-130	Digital	ANSS
		HH[ZEN]	3					3ESP			
TCUT	Toone Canyon, UT	EHZ	1	UU	41° 07.07′	111° 24.51′	2320	L4C	PSN	Analog	USGS
TMI	Taylor Mountain, ID	EHZ	1	IE	43° 18.30′	111° 55.08′	2179	*	*	Digital	INL
TMU	Trail Mountain, UT	HH[ZEN]	3	UU	39° 17.79′	111° 12.49′	2731	Observer	ANSS-130	Digital	Utah, ANSS
		EN[ZEN]	3					EpiSensor			
TPAW	Teton Pass, WY	BH[ZEN]	3	IW	43° 29.41′	110° 57.04′	2512	3ESP	RT-130	Digital	ANSS
TPH	Tonopah, NV	BH[ZEN]	3	LB	38° 04.50′	117° 13.35′	1883	3ESP	Q330	Digital	Sandia
TPMT	Teepe Creek, MT	EHZ	1	MB	44° 43.79′	111° 39.94′	2518	*	*	Analog	MBMT
TPNV	Topopah Spring, NV	BH[ZEN]	3	US	36° 56.93′	116° 14.97′	1600	*	*	Digital	USGS
TPU	Thanksgiving Point, Lehi, UT	EN[ZEN]	3	UU	40° 25.81′	111° 54.13′	1383	EpiSensor	Etna2	Digital	ANSS
TRS	Tooele County Radio Shop, Tooele, UT	EN[ZEN]	3	UU	40° 30.83′	112° 18.63′	1568	EpiSensor	Etna2	Digital	ANSS
U15A	North Rim, AZ	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

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
WBC	Weber Canyon, UT	EN[ZEN]	3	UU	41° 08.38′	111° 54.05′	1602	EpiSensor	Etna2	Digital	ANSS
WCF	Wellsville Fire Station, Wellsville, UT	EN[ZEN]	3	UU	41° 38.37′	111° 55.94′	1387	EpiSensor	Etna2	Digital	ANSS
WCO	Washington City Office Building, UT	EN[ZEN]	3	UU	37° 07.91′	113° 30.56′	837	EpiSensor	Etna	Digital	Utah
WCU	Willow Creek, UT	EHZ	1	UU	38° 57.88′	112° 05.44′	2673	18300	PSN	Analog	USGS
		EHZ	1						Basalt	Digital	
		EN[ZEN]	3					EpiSensor			
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						Basalt	Digital	
		EN[ZEN]	3					EpiSensor			
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					Titan			
YHH	Holmes Hill (YNP), WY	EHZ	1	WY	44° 47.30′	110° 51.03′	2717	S13	PSN	Analog	USGS
		HH[ZEN]	3					Trillium 120	Q330	Digital	
		EN[ZEN]	3					Titan			
YHL	Hebgen Lake, MT	HH[ZEN]	3	WY	44° 51.05′	111° 10.98′	2691	Trillium 120	Q330	Digital	USGS
		EN[ZEN]	3					Titan			

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
YHR	Hawk's Rest, WY	HH[ZEN]	3	WY	44° 06.36′	110° 04.90′	2976	Trillium 120	Q330	Digital	USGS
YJC	Joseph′s Coat (YNP), WY	EH[ZEN]	3	WY	44° 45.33′	110° 20.95′	2684	S13	PSN	Analog	USGS
YLA	Lake Butte (YNP), WY	EHZ	1	WY	44° 30.76′	110° 16.12′	2580	L4C	PSN	Analog	USGS
YLT	Little Thumb Creek (YNP), WY	EHZ	1	WY	44° 26.25′	110° 35.28′	2439	L4C	PSN	Analog	USGS
YMC	Maple Creek (YNP), WY	EH[ZEN]	3	WY	44° 45.53′	111° 00.41′	2073	S13	PSN	Analog	USGS
YML	Mary Lake (YNP), WY	EH[ZEN]	3	WY	44° 36.20′	110° 38.63′	2653	L4C	PSN	Analog	USGS
YMP	Mirror Plateau (YNP), WY	EHZ	1	WY	44° 44.38′	110° 09.40′	2774	S13	PSN	Analog	USGS
		HH[ZEN]	3					Trillium 120	Q330	Digital	
		EN[ZEN]	3					Titan			
YMR	Madison River (YNP), WY	HH[ZEN]	3	WY	44° 40.12′	110° 57.90′	2149	Trillium 120	Q330	Digital	USGS
		EN[ZEN]	3					Titan			
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: 1025 data channels from 350 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	Kinemetrics 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	Kinemetrics FBA-23 accelerometer
EpiSensor	Kinemetrics 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	Kinemetrics Altus Series K2 (19-bit resolution field digitizer)
Etna	Kinemetrics Altus Series Etna (18-bit resolution field digitizer)
72A-07	Refraction Technology (REF TEK) model 72A-07 (24-bit field digitizer)

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

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

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

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

NETWORK CHANGES DURING APRIL 1–JUNE 30, 2022

April 26	FSB4 HH[Z12] and FSB6 HH[Z12] installed
April 27	FSB5 HH[Z12] installed
May 10	KEUT EN[ZEN] closed
May 11	KCBD EN[ZEN] installed