

EARTHQUAKE ACTIVITY IN THE UTAH REGION

Preliminary Epicenters

July 1 – September 30, 2024

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 27, 2024

Foreword and Data Explanation

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

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

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

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

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

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

EARTHQUAKE ACTIVITY IN THE UTAH REGION

July 1 – September 30, 2024

by R. Burlacu, P. M. Roberson, and J. M. Hale
with contributions by
K. D. Koper 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
email: v.burlacu@utah.edu
URL: <https://quake.utah.edu>

During the three-month period July 1, 2024, through September 30, 2024, the University of Utah Seismograph Stations (UUSS) located 678 earthquakes within the Utah region (Figure 1). The total includes one earthquake in the magnitude 4 range, four earthquakes in the magnitude 3 range, and 25 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. Six earthquakes were reported felt during the report period (see Table 1, a cumulative tabulation of earthquakes during 2024 that were either felt in the Utah region or for which a ShakeMap was produced, or both). Additional information on earthquakes within the Utah region is available from the University of Utah Seismograph Stations.

Online Information

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

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

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

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

Earthquakes of Magnitude 3.0 or Larger

M _L 3.1	July 1	06:30 MDT	18 mi W of Green River, WY
M _L 3.4	July 8	15:00 MDT	16 mi ESE of Centerfield, UT
M _L 4.5	July 28	23:29 MDT	18 mi NW of Orderville, UT
M _L 3.3	August 15	12:02 MDT	10 mi NE of Colorado City, AZ
M _L 3.3	September 7	20:16 MDT	15 mi WSW of Bear River City, UT

Other Notable Seismicity

During the report period, there were five 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 84 earthquakes ($0.1 \leq M \leq 3.4$) occurred about 14 mi SW of Tremonton, UT. 15 of these events, including a magnitude 3.4 shock, occurred between September 7 and September 10.
- B. A cluster of 15 earthquakes ($0.4 \leq M \leq 2.5$) occurred about 3 mi NE of Magna, UT. Four of these events, including a magnitude 2.5 shock, occurred between August 1 and August 6.
- C. A cluster of 336 earthquakes ($-0.8 \leq M \leq 1.8$) occurred about 10 mi NNE of Milford, UT. 36 of these events, including a magnitude 1.8 shock, occurred between August 29 and August 31.
- D. A cluster of 10 earthquakes ($0.9 \leq M \leq 2.3$) occurred about 11 mi W of Enoch, UT. Four of these events, including a magnitude 2.3 shock, occurred on August 12.
- E. A cluster of 26 earthquakes ($0.9 \leq M \leq 2.2$) occurred about 6 mi S of Cedar City, UT. 18 of these events occurred between September 1 and September 3.

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 37 located shocks ($0.8 \leq M \leq 2.2$) that occurred during the report period.

Seismicity of the Utah Region July 1 – September 30, 2024

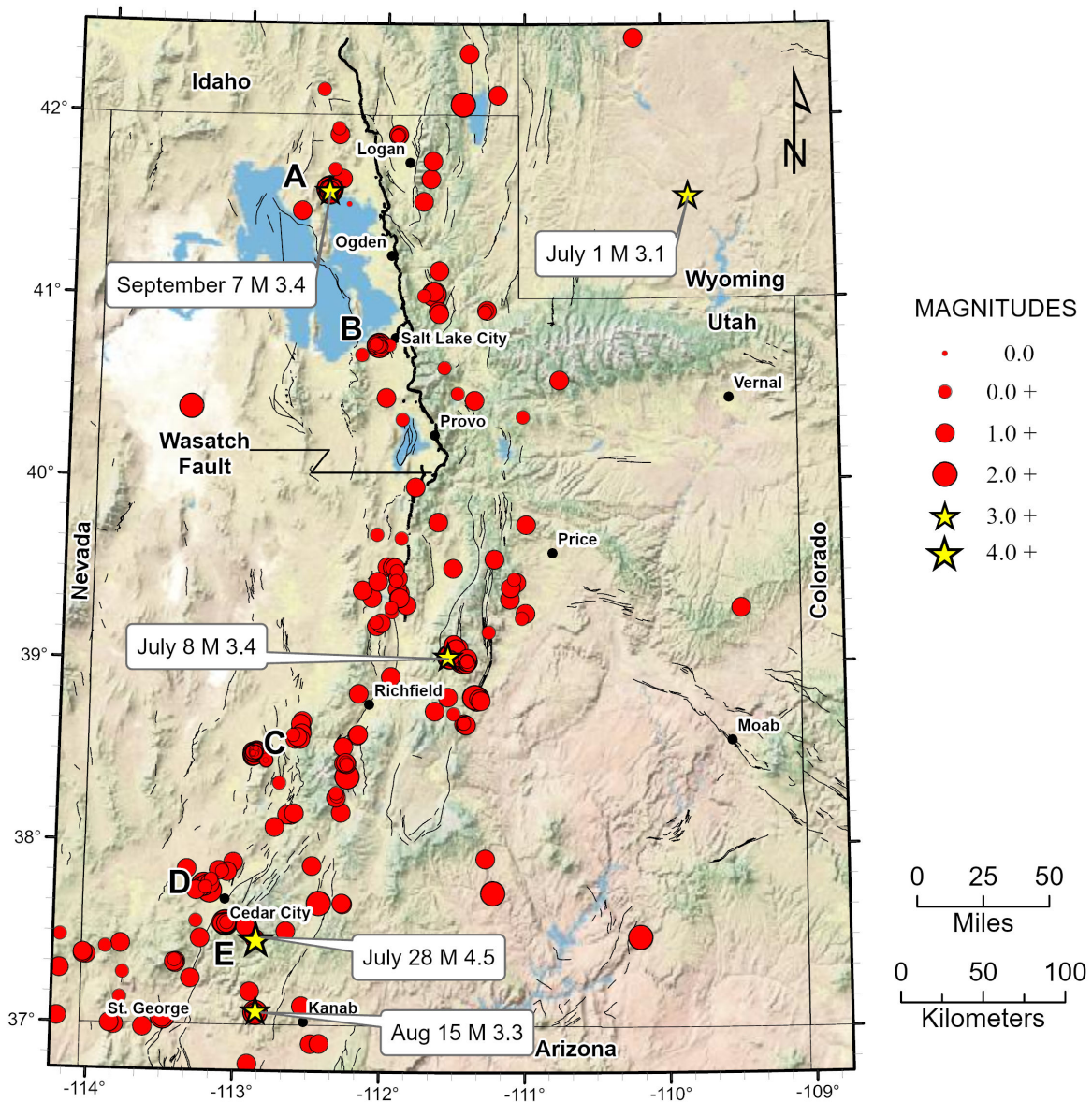


Figure 1. Earthquake epicenters, located by the University of Utah Seismograph Stations, superimposed on a map of Quaternary (geologically young) faults (black lines) compiled by the Utah Geological Survey. The Wasatch fault is shown in bold. Earthquakes of magnitude 3.0 and larger are labeled by local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

Table 1
EARTHQUAKES FELT AND/OR GENERATING A SHAKEMAP IN THE UTAH REGION
January 1, 2024, to December 31, 2024

Date and Time†	Felt Information‡	Latitude	Longitude	Magnitude§
2024-02-03 09:28:43 MST 2024-02-03 02:28:43 UTC	DYFI ShakeMap	37° 09.87'	112° 59.44'	M _L 3.5
2024-05-04 02:36:47 MDT 2024-05-04 08:36:47 UTC	DYFI ShakeMap	41° 34.61'	112° 25.12'	M _L 3.9
2024-05-05 17:30:14 MDT 2024-05-05 23:30:14 UTC	DYFI ShakeMap	41° 34.74'	112° 25.10'	M _L 4.4
2024-05-06 23:20:24 MDT 2024-05-07 05:20:24 UTC	DYFI ShakeMap	41° 35.35'	112° 25.27'	M _L 3.1
2024-06-03 11:28:23 MDT 2024-06-03 17:28:23 UTC	DYFI	37° 47.63'	112° 57.09'	M _L 2.7
2024-06-15 23:49:56 MDT 2024-05-16 05:49:56 UTC	DYFI ShakeMap	37° 33.82'	113° 03.56'	M _L 3.1
2024-07-08 15:00:44 MDT 2024-07-08 21:00:44 UTC	DYFI ShakeMap	39° 02.12'	111° 32.41'	M _L 3.4
2024-07-23 22:33:45 MDT 2024-07-24 04:33:45 UTC	DYFI	37° 02.26'	113° 28.97'	M _L 2.9
2024-07-28 23:29:05 MDT 2024-07-29 05:29:05 UTC	DYFI ShakeMap	37° 28.35'	112° 51.14'	M _L 4.5
2024-08-02 04:09:29 MDT 2024-08-02 10:09:29 UTC	DYFI	40° 44.17'	112° 02.89'	M _L 2.5
2024-08-15 12:02:34 MDT 2024-08-15 18:02:34 UTC	DYFI ShakeMap	37° 04.87'	112° 50.87'	M _L 3.3
2024-09-07 20:16:27 MDT 2024-09-08 02:16:27 UTC	DYFI ShakeMap	41° 35.16'	112° 50.87'	M _L 3.3

† 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, 2024

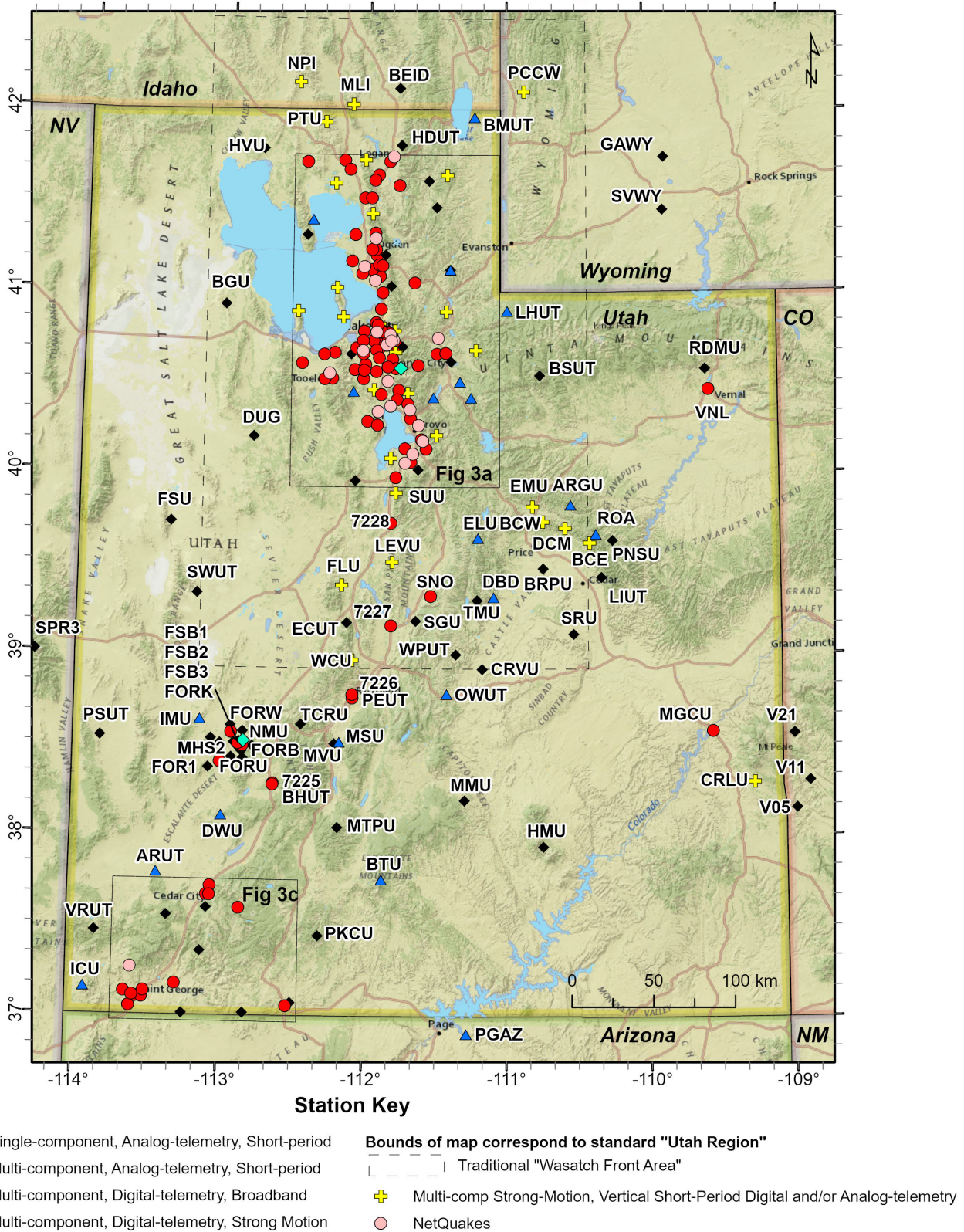


Figure 2

Utah Urban Seismic Network (September 30, 2024)

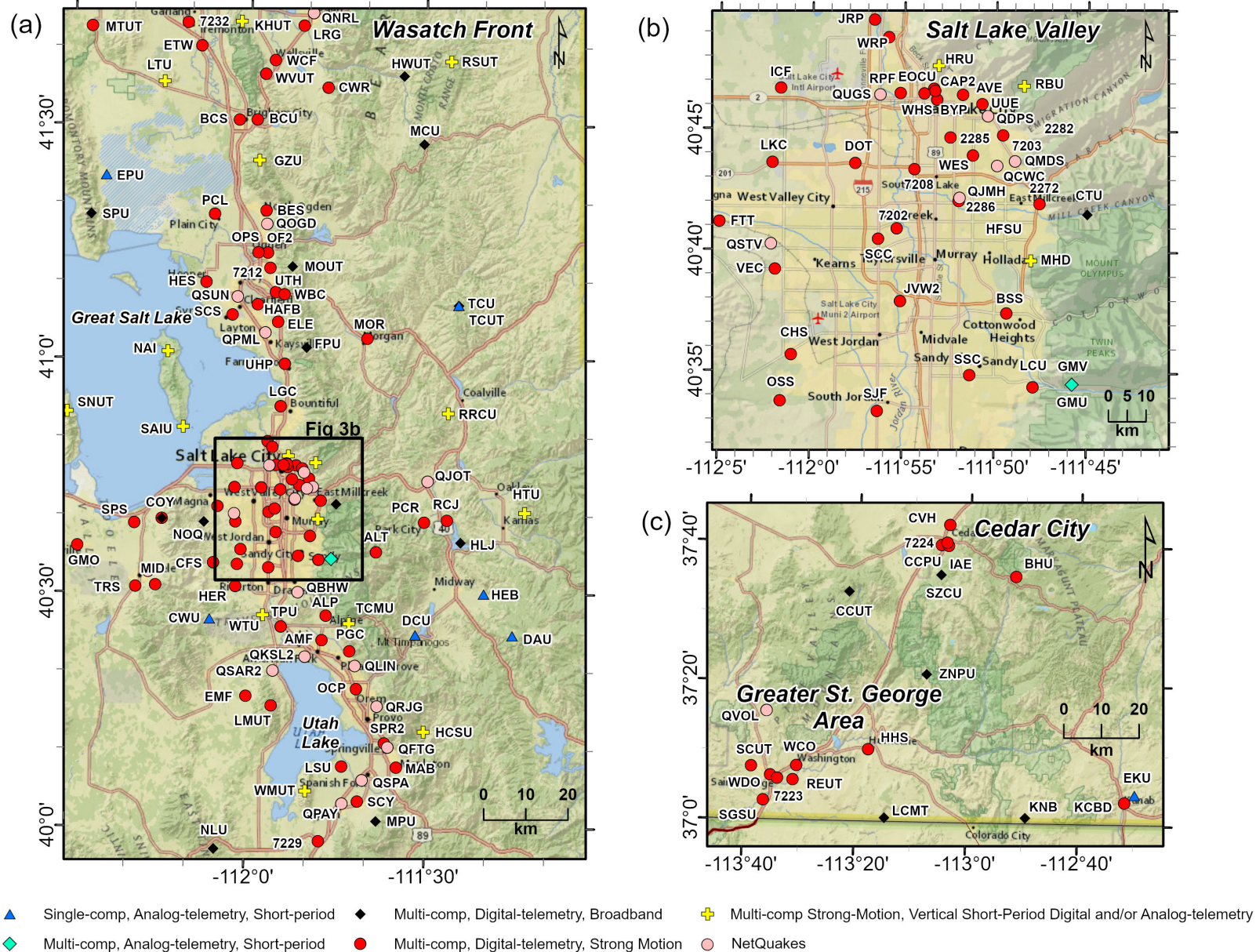


Figure 3

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240701	03:00:36.49	38° 34.42'	112° 36.26'	2.4*	1.5W	24	100	14	0.14
240701	07:23:24.69	41° 34.24'	112° 26.06'	7.5	1.7W	33	85	1	0.19
240701	07:26:15.42	41° 34.59'	112° 25.84'	8.1	1.4W	27	53	1	0.15
240701	12:30:10.37	41° 33.97'	109° 48.67'	5.5*	3.1W	23	161	14	0.25
240701	21:54:24.57	41° 35.19'	112° 25.18'	7.1	1.1W	23	53	2	0.19
240701	21:58:41.72	41° 34.59'	112° 25.36'	7.8	1.0W	16	80	2	0.18
240702	02:45:14.63	42° 06.66'	111° 11.72'	6.4*	1.8W	26	102	17	0.15
240702	02:46:29.54	37° 01.90'	114° 12.48'	12.6*	1.4W	13	126	28	0.20
240702	05:16:42.83	41° 34.53'	112° 25.44'	6.0*	1.1	21	92	15	0.18
240702	10:17:21.78	41° 30.65'	112° 16.70'	-3.2	--	17	73	9	0.12
240703	08:44:52.00	42° 20.34'	111° 24.39'	5.2*	1.4W	24	120	40	0.25
240703	10:47:55.49	40° 19.85'	111° 52.47'	0.4	0.6	13	93	9	0.13
240703	12:28:02.17	41° 33.93'	112° 26.09'	7.3	1.4W	18	119	1	0.13
240704	02:57:14.43	38° 22.11'	112° 14.32'	8.3*	2.5W	29	112	17	0.24
240704	14:10:53.81	39° 12.84'	112° 00.79'	2.8*	1.2	11	80	11	0.11
240704	17:45:08.28	39° 30.96'	111° 30.41'	9.3*	1.3W	17	104	26	0.13
240705	00:30:20.05	41° 33.82'	112° 25.87'	7.9	1.2W	23	118	2	0.13
240705	14:51:24.60	36° 54.13'	112° 24.55'	25.3	1.7W	10	190	18	0.19
240706	02:54:39.53	41° 33.66'	112° 24.93'	7.4	1.1W	27	83	3	0.15
240708	21:00:44.05	39° 02.12'	111° 32.41'	5.4*	3.4W	41	48	16	0.17
240709	10:21:47.48	39° 01.80'	111° 31.09'	8.7	0.9W	25	46	14	0.16
240709	21:25:16.34	39° 01.66'	111° 30.88'	11.3	0.8W	17	74	14	0.19
240709	22:49:41.90	39° 45.37'	110° 59.39'	1.8*	1.3W	12	276	16	0.21
240710	03:30:33.31	39° 01.90'	111° 30.99'	9.7	1.3W	23	51	14	0.12
240710	05:38:55.05	41° 33.84'	112° 25.03'	9.4	0.8	18	113	2	0.13
240710	06:17:39.87	41° 33.78'	112° 24.91'	9.1	0.9	18	113	3	0.13
240710	10:23:19.75	41° 35.80'	112° 25.94'	9.0	0.5W	22	87	3	0.13
240710	15:32:40.79	39° 57.64'	111° 46.58'	-0.1	1.5W	21	61	8	0.21
240711	11:38:22.88	39° 27.62'	111° 53.81'	14.3	1.1W	10	117	9	0.16
240711	21:01:06.90	37° 00.01'	113° 50.86'	11.8	1.7W	16	158	18	0.21
240712	09:50:41.69	40° 44.65'	112° 04.19'	5.0	0.4	11	120	3	0.09
240712	13:57:43.80	38° 31.92'	112° 15.99'	-3.5	1.3W	12	166	8	0.13
240714	07:46:55.46	39° 01.92'	111° 31.20'	6.8*	2.4W	35	41	14	0.17
240714	13:41:59.81	41° 35.25'	112° 24.62'	7.9	0.6	13	63	3	0.17
240714	13:42:27.73	41° 35.59'	112° 24.32'	8.2	0.1	8	91	4	0.19
240714	23:12:15.51	41° 35.16'	112° 25.54'	3.3	1.0W	15	62	2	0.19
240716	19:06:03.11	36° 59.52'	113° 48.96'	-2.7*	1.7W	14	160	20	0.20
240717	16:42:55.12	37° 40.13'	112° 15.60'	14.6*	1.7W	21	122	42	0.20
240717	23:02:58.78	41° 34.02'	112° 24.76'	9.1	0.6	12	105	3	0.10
240717	23:33:07.79	37° 53.56'	113° 01.15'	14.8	1.6W	13	177	24	0.13
240718	12:53:14.61	37° 26.25'	113° 47.06'	1.5	1.1W	9	91	7	0.18
240718	13:34:54.25	37° 34.12'	113° 16.25'	-3.5	0.7	8	110	8	0.19
240719	08:16:12.49	37° 28.66'	114° 12.12'	9.0*	0.6	10	120	31	0.17
240719	20:49:05.29	41° 34.34'	112° 24.92'	9.9	1.5W	19	63	2	0.18

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240719	23:59:50.53	38° 35.06'	112° 35.32'	0.1*	1.2W	15	66	13	0.26
240720	01:52:32.23	38° 59.52'	111° 24.53'	-0.9	0.9W	7	122	4	0.13
240720	02:38:02.45	39° 30.00'	111° 54.32'	7.1	0.7	9	104	8	0.05
240721	16:07:22.50	37° 50.83'	113° 07.05'	3.6*	1.1W	8	121	28	0.34
240722	05:46:53.85	41° 35.84'	112° 25.23'	9.2	0.6	11	75	3	0.10
240722	20:07:25.43	41° 35.89'	112° 25.03'	7.7	1.7W	22	63	3	0.14
240723	19:52:25.05	41° 35.39'	112° 25.25'	8.8	1.0	19	72	2	0.11
240724	02:17:59.88	39° 00.33'	111° 24.53'	-0.7	1.0W	12	74	4	0.06
240724	04:01:15.11	41° 35.34'	112° 25.09'	4.5	1.1W	19	55	2	0.18
240724	04:33:45.05	37° 02.26'	113° 28.97'	18.2	2.9W	24	179	7	0.09
240724	10:48:23.16	37° 50.44'	113° 03.54'	13.4	1.5W	12	153	14	0.09
240724	11:42:30.86	42° 25.54'	110° 11.98'	10.8*	1.2	6	105	65	0.11
240724	19:57:58.29	38° 49.51'	112° 09.88'	7.6	1.5W	19	52	9	0.12
240724	20:21:06.61	37° 02.01'	113° 29.04'	17.9	1.2W	11	193	11	0.11
240724	21:42:00.19	41° 55.54'	112° 21.56'	6.6	0.9	14	87	3	0.12
240724	23:08:24.20	39° 01.94'	111° 31.75'	8.1	2.8W	41	41	15	0.14
240725	08:07:40.59	37° 44.12'	113° 10.69'	-0.5	2.0W	26	75	10	0.24
240726	06:05:29.42	37° 44.23'	113° 16.31'	1.4*	1.1W	10	182	16	0.11
240726	14:43:48.19	37° 45.07'	113° 14.49'	0.3*	1.4	11	86	16	0.21
240727	02:24:55.82	37° 25.14'	113° 53.28'	9.6	0.7	8	120	5	0.03
240727	06:37:21.53	40° 20.83'	111° 00.80'	3.6*	0.9	12	96	30	0.16
240727	09:26:41.46	41° 35.84'	112° 26.03'	10.1	0.7	10	112	3	0.11
240727	11:15:19.05	38° 29.02'	112° 53.75'	3.0	0.6	20	102	0	0.08
240727	11:56:08.81	38° 28.64'	112° 53.43'	3.4	1.0	23	107	1	0.13
240727	11:56:33.34	38° 28.94'	112° 53.69'	2.5	1.2	23	103	0	0.09
240727	12:16:35.52	38° 28.97'	112° 53.60'	2.7	0.7	20	102	0	0.10
240727	16:19:26.76	38° 28.95'	112° 53.77'	3.0	1.4	20	83	0	0.06
240727	17:09:52.13	40° 55.49'	111° 37.35'	9.6	1.6W	33	53	14	0.11
240727	17:52:01.45	38° 28.92'	112° 53.78'	2.8	0.3	17	146	1	0.06
240727	17:58:26.61	40° 54.70'	111° 37.02'	14.1	1.0	6	197	15	0.05
240727	19:13:35.87	41° 42.07'	112° 23.00'	10.0	0.9	17	84	7	0.15
240727	20:23:19.90	38° 28.83'	112° 53.76'	2.8	1.4	22	85	1	0.07
240727	20:51:15.32	38° 28.90'	112° 53.85'	2.8	0.6	15	94	1	0.06
240727	21:44:09.66	38° 29.20'	112° 53.80'	2.8	0.6	19	94	0	0.06
240728	05:36:32.33	38° 28.96'	112° 53.48'	3.0	0.7	23	100	0	0.09
240728	21:08:10.24	37° 51.19'	113° 20.39'	7.1	1.7	7	175	11	0.04
240729	03:07:28.95	38° 29.24'	112° 53.78'	2.8	1.2	18	97	1	0.06
240729	05:29:05.76	37° 28.35'	112° 51.14'	19.6	4.5W	42	71	13	0.16
240729	06:03:08.53	37° 28.40'	112° 51.56'	20.4	1.6W	18	100	13	0.12
240729	06:05:13.57	37° 28.13'	112° 51.32'	20.5	1.8W	23	84	14	0.13
240729	09:42:07.39	38° 28.96'	112° 53.52'	2.9	0.1	17	101	0	0.11
240729	10:24:08.67	38° 43.02'	111° 29.87'	12.3	0.9W	15	100	10	0.14
240729	11:42:24.88	38° 05.30'	112° 44.28'	3.6*	1.4W	20	74	43	0.23
240729	12:01:34.26	38° 29.83'	112° 54.01'	3.6	0.0	18	103	1	0.08

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240729	12:04:08.02	38° 29.85'	112° 54.14'	3.4	0.6	22	85	1	0.07
240729	12:14:33.07	38° 29.84'	112° 54.07'	3.7	0.6	18	82	1	0.08
240729	12:21:55.15	38° 29.80'	112° 53.92'	3.6	0.5	17	78	1	0.06
240730	01:50:28.38	38° 29.49'	112° 54.10'	2.7	1.1	24	96	1	0.11
240730	01:52:36.87	38° 29.73'	112° 54.01'	3.5	0.2	21	85	1	0.07
240730	01:54:06.25	38° 29.70'	112° 53.97'	2.9	0.5	13	101	1	0.07
240730	03:45:46.06	37° 28.46'	113° 14.32'	3.5*	1.8W	27	58	14	0.20
240730	07:25:28.43	39° 11.83'	112° 02.63'	-1.2	1.4W	14	63	8	0.13
240730	09:25:30.52	38° 36.04'	112° 09.91'	1.2	1.5W	10	87	10	0.15
240730	09:57:56.14	38° 35.71'	112° 10.28'	7.2	1.8W	17	73	9	0.19
240730	14:21:42.74	38° 29.64'	112° 54.08'	3.2	0.4	16	93	1	0.06
240730	14:23:23.30	38° 29.76'	112° 53.86'	3.6	0.6	23	76	1	0.11
240730	18:51:32.53	38° 29.23'	112° 54.14'	2.8	0.3	21	83	1	0.05
240730	19:52:42.68	38° 40.32'	112° 33.31'	1.9*	1.7W	20	64	12	0.14
240730	20:18:40.52	38° 29.21'	112° 54.09'	3.2	0.7	20	83	1	0.05
240730	20:32:02.87	38° 28.98'	112° 54.01'	3.2	0.6	20	93	1	0.08
240730	21:35:56.29	39° 41.91'	112° 02.83'	7.6*	0.6	7	159	29	0.06
240730	22:07:43.75	38° 29.20'	112° 54.15'	2.1	-0.2	15	160	1	0.05
240730	22:42:00.28	38° 29.45'	112° 53.99'	3.3	0.8	19	98	1	0.06
240731	00:27:43.96	38° 39.35'	112° 34.02'	1.5*	1.7W	18	65	12	0.16
240731	01:20:27.07	38° 29.22'	112° 53.64'	2.9	0.5	18	96	0	0.07
240731	01:33:01.61	37° 47.78'	113° 10.20'	1.9*	0.9W	9	97	23	0.25
240731	10:10:47.24	38° 29.07'	112° 53.82'	3.6	1.2	22	102	0	0.13
240731	10:13:19.59	38° 29.18'	112° 53.74'	2.9	1.1	22	98	2	0.15
240731	10:55:12.00	38° 29.38'	112° 54.02'	3.0	0.4	21	97	1	0.09
240731	11:30:10.83	38° 29.27'	112° 53.81'	3.2	0.2	24	97	1	0.12
240731	12:59:18.74	38° 29.40'	112° 53.82'	3.0	-0.3	18	94	1	0.19
240731	13:51:58.34	38° 29.10'	112° 54.13'	2.6	0.1	24	104	1	0.12
240731	15:05:29.37	38° 28.94'	112° 53.73'	2.4	1.0	24	83	0	0.11
240731	15:18:07.57	38° 29.26'	112° 53.88'	3.3	0.4	26	98	1	0.13
240731	17:26:47.78	38° 29.74'	112° 53.96'	2.9	0.3	19	131	1	0.10
240731	18:12:48.56	38° 29.01'	112° 53.90'	2.9	1.2	32	84	1	0.14
240731	18:13:18.60	38° 29.28'	112° 53.80'	3.3	--	14	134	1	0.15
240731	18:19:44.28	38° 29.43'	112° 53.97'	3.7	0.2	19	98	1	0.07
240731	18:20:38.64	38° 29.04'	112° 53.95'	3.3	0.3	20	103	1	0.13
240731	18:21:55.84	41° 35.43'	112° 24.37'	9.4	1.6W	26	65	3	0.16
240731	18:31:19.87	38° 29.05'	112° 53.88'	3.0	0.9	29	45	1	0.13
240731	18:34:07.82	38° 29.17'	112° 53.72'	3.4	1.5	22	81	0	0.10
240731	18:36:03.56	38° 29.16'	112° 53.96'	3.2	0.8	21	83	1	0.08
240731	18:40:43.30	38° 29.20'	112° 53.73'	3.5	0.9	24	81	0	0.12
240731	18:51:24.53	38° 29.64'	112° 54.13'	3.3	-0.3	13	148	1	0.08
240731	18:56:08.78	38° 29.47'	112° 53.81'	3.8	0.8	19	79	1	0.08
240731	19:09:55.48	41° 35.21'	112° 24.48'	10.5	0.8	16	61	3	0.14
240731	19:17:53.52	38° 29.14'	112° 53.80'	3.3	0.9	28	81	0	0.12

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240731	19:26:19.38	38° 29.40'	112° 53.93'	3.4	0.1	17	134	1	0.07
240731	19:29:39.96	38° 29.45'	112° 53.20'	3.4	0.7	14	147	1	0.05
240731	19:40:28.51	38° 29.27'	112° 53.87'	2.9	1.1W	35	41	1	0.13
240731	19:41:12.87	38° 29.05'	112° 54.00'	2.8	1.0	25	84	1	0.12
240731	19:46:33.73	38° 29.35'	112° 54.03'	3.5	0.3	19	81	1	0.06
240731	20:35:41.33	41° 35.28'	112° 24.19'	9.3	0.9W	16	59	3	0.17
240731	20:58:59.82	38° 29.32'	112° 53.97'	3.5	--	15	135	1	0.06
240731	21:03:49.22	38° 28.89'	112° 54.08'	2.5	0.8	21	87	1	0.12
240731	21:07:16.65	38° 29.54'	112° 53.96'	3.6	0.4	19	133	1	0.06
240731	21:09:53.73	38° 29.42'	112° 54.07'	3.4	0.4	21	98	1	0.06
240731	21:33:50.42	38° 29.24'	112° 53.98'	3.3	0.6	21	83	1	0.10
240731	21:42:11.32	38° 29.41'	112° 53.90'	3.9	-0.1	19	97	1	0.09
240731	22:07:51.54	38° 29.47'	112° 54.19'	3.2	0.1	19	99	1	0.09
240731	23:15:41.38	38° 29.39'	112° 53.92'	3.7	0.4	18	97	1	0.07
240801	00:17:22.43	38° 29.15'	112° 53.79'	2.8	0.3	18	94	0	0.06
240801	02:09:18.10	38° 29.33'	112° 54.21'	2.9	0.2	18	109	1	0.05
240801	02:24:23.81	40° 44.05'	112° 02.65'	5.9	0.6	12	103	1	0.12
240801	05:03:00.90	38° 29.00'	112° 53.67'	2.4	0.4	21	101	0	0.09
240801	06:02:48.11	38° 29.24'	112° 54.07'	3.1	0.9	24	100	1	0.11
240801	07:13:34.75	41° 35.59'	112° 24.33'	10.0	0.9W	18	69	4	0.13
240801	10:09:18.62	41° 35.55'	112° 24.60'	7.8	1.7W	30	71	3	0.22
240801	10:11:17.20	38° 29.06'	112° 53.69'	2.7	0.2	25	100	0	0.15
240801	11:54:58.95	38° 28.87'	112° 53.81'	2.8	0.5	22	106	1	0.08
240801	13:46:06.39	38° 29.10'	112° 53.95'	3.4	0.3	23	102	1	0.11
240801	13:48:13.59	38° 29.08'	112° 53.80'	3.5	0.0	25	101	0	0.13
240801	14:03:53.73	38° 43.90'	111° 37.84'	7.8*	1.3W	24	65	19	0.15
240801	15:48:46.64	38° 28.88'	112° 54.01'	2.7	0.6	23	86	1	0.09
240801	15:53:34.70	38° 29.40'	112° 53.92'	3.7	0.8	21	80	1	0.07
240801	16:22:57.58	38° 29.08'	112° 53.65'	2.9	0.8	27	82	0	0.13
240801	16:23:18.26	38° 29.39'	112° 53.58'	4.2	0.5	21	121	1	0.11
240801	16:24:01.09	38° 29.46'	112° 53.95'	3.5	0.3	20	133	1	0.07
240801	16:31:12.25	38° 29.30'	112° 54.01'	3.3	0.8	25	81	1	0.09
240801	17:08:20.80	38° 29.23'	112° 53.97'	3.2	0.8	25	83	1	0.11
240801	18:08:13.52	38° 29.83'	112° 54.11'	3.4	0.1	22	104	1	0.07
240801	18:39:13.73	38° 28.96'	112° 53.91'	3.1	0.9	24	85	1	0.12
240801	19:26:45.59	38° 29.42'	112° 53.89'	3.9	0.3	21	80	1	0.08
240801	19:27:01.98	38° 29.30'	112° 53.86'	3.5	0.9	22	81	1	0.09
240801	20:30:24.94	38° 29.96'	112° 54.19'	3.2	-0.3	20	105	1	0.07
240801	20:31:51.30	38° 29.96'	112° 53.85'	3.6	0.0	15	86	1	0.06
240801	20:32:18.35	38° 29.66'	112° 53.83'	3.3	0.9	26	53	1	0.13
240801	20:43:21.31	38° 29.69'	112° 54.03'	3.2	0.8	25	78	1	0.12
240801	22:38:41.09	38° 28.76'	112° 53.83'	2.7	0.9	22	86	1	0.13
240801	23:20:21.83	39° 00.54'	111° 23.95'	0.3	1.1W	9	74	4	0.12
240802	09:47:00.58	38° 29.86'	112° 54.18'	3.2	-0.2	19	104	1	0.07

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240802	09:48:42.99	38° 29.32'	112° 53.92'	3.1	0.6	26	97	1	0.14
240802	09:53:28.31	38° 29.51'	112° 53.75'	3.1	1.1	28	80	1	0.14
240802	10:02:34.74	38° 29.82'	112° 53.95'	3.1	0.3	19	121	1	0.09
240802	10:03:49.00	38° 29.80'	112° 54.10'	3.0	-0.1	20	102	1	0.08
240802	10:09:29.98	40° 44.17'	112° 02.89'	7.1	2.5W	66	37	1	0.21
240802	10:17:56.22	40° 44.18'	112° 02.68'	7.1	1.7W	54	59	1	0.23
240802	10:26:29.25	38° 29.73'	112° 53.96'	3.2	-0.4	21	82	1	0.10
240802	19:11:19.73	41° 31.57'	111° 44.06'	11.4	1.5W	27	70	20	0.17
240802	21:38:55.37	38° 29.34'	112° 53.86'	3.5	-0.1	18	127	1	0.09
240802	22:08:54.78	38° 28.97'	112° 53.84'	2.7	0.5	20	93	1	0.09
240802	23:16:01.96	38° 29.64'	112° 53.85'	3.1	1.5	28	77	1	0.12
240802	23:16:39.85	38° 29.58'	112° 53.80'	3.3	1.0	27	78	1	0.11
240802	23:18:58.06	38° 29.52'	112° 53.70'	3.0	0.9	29	75	1	0.14
240802	23:20:54.37	38° 29.63'	112° 54.10'	3.1	0.6	27	79	1	0.08
240802	23:22:18.64	38° 29.73'	112° 53.86'	3.1	0.9	25	77	1	0.11
240802	23:37:49.93	38° 29.87'	112° 53.94'	3.4	0.2	20	102	1	0.06
240803	05:10:30.82	38° 29.73'	112° 53.90'	3.0	0.0	17	100	1	0.10
240803	05:12:08.92	38° 29.58'	112° 53.89'	3.1	0.1	19	99	1	0.10
240803	05:13:03.35	38° 29.77'	112° 53.86'	3.5	0.0	17	101	1	0.06
240803	16:47:04.75	38° 09.91'	112° 36.27'	2.3*	1.3W	13	94	35	0.24
240803	22:46:31.70	38° 29.56'	112° 52.90'	4.2	0.3	14	110	1	0.14
240803	22:46:45.74	38° 29.19'	112° 53.47'	2.8	0.0	13	99	0	0.06
240804	03:55:17.06	41° 38.95'	112° 19.64'	3.0	1.5W	16	71	9	0.21
240804	03:55:35.82	37° 28.27'	112° 50.50'	21.3	0.9W	7	185	14	0.04
240804	04:17:39.00	38° 29.84'	112° 54.00'	3.4	0.7	16	79	1	0.07
240804	04:20:46.48	38° 29.80'	112° 54.02'	3.4	0.2	14	103	1	0.06
240804	12:49:29.92	38° 48.54'	111° 32.29'	21.9	1.1W	9	108	10	0.06
240805	01:06:09.19	38° 29.72'	112° 54.21'	3.0	0.4	15	103	2	0.06
240805	01:06:29.40	38° 29.66'	112° 54.21'	3.0	-0.5	16	101	1	0.04
240805	01:06:40.46	38° 29.67'	112° 54.03'	3.0	0.9	16	101	1	0.10
240805	01:46:39.65	38° 29.78'	112° 54.24'	3.1	0.2	14	103	2	0.05
240805	01:47:52.67	38° 29.79'	112° 54.10'	3.0	-0.1	12	102	1	0.05
240805	07:03:10.18	41° 33.82'	112° 25.37'	2.0	1.3W	16	94	2	0.18
240805	16:10:36.54	38° 29.55'	112° 53.72'	3.2	1.0	26	80	1	0.08
240805	16:25:28.68	38° 29.49'	112° 54.23'	2.5	0.3	9	127	1	0.03
240805	17:09:22.17	39° 01.75'	111° 27.20'	-3.3	1.0W	8	132	9	0.21
240805	17:20:02.14	38° 29.64'	112° 54.18'	2.9	0.9	17	80	1	0.05
240805	17:59:49.53	37° 06.42'	112° 32.05'	8.5	1.3W	7	121	5	0.28
240805	19:27:29.45	38° 39.82'	111° 25.47'	2.3*	1.7W	20	86	13	0.15
240806	00:59:34.43	38° 29.79'	112° 54.22'	3.0	0.9	28	78	2	0.08
240806	01:00:00.65	38° 29.81'	112° 54.14'	3.2	0.3	22	78	1	0.07
240806	02:09:38.56	38° 29.95'	112° 54.06'	3.0	0.6	24	83	1	0.10
240806	03:46:27.51	40° 43.98'	112° 02.15'	6.4	1.0	13	78	1	0.12
240806	15:04:46.56	41° 33.83'	112° 26.10'	5.6	1.3W	22	95	1	0.15

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240807	00:43:07.10	38° 29.72'	112° 54.03'	3.3	0.6	23	78	1	0.06
240807	02:36:50.91	37° 40.42'	112° 15.98'	10.2*	1.6W	9	189	41	0.16
240807	02:46:36.33	39° 21.01'	111° 53.33'	14.8	1.1W	10	96	18	0.10
240807	03:35:40.03	39° 27.41'	111° 04.49'	1.5*	0.9W	11	93	16	0.12
240807	08:53:47.18	38° 29.68'	112° 54.04'	3.5	0.7	16	101	1	0.05
240807	08:57:18.06	38° 29.60'	112° 53.97'	3.2	0.5	13	99	1	0.06
240807	09:14:50.27	38° 29.48'	112° 53.76'	3.6	0.8	16	97	1	0.09
240807	09:37:23.17	38° 29.34'	112° 54.11'	3.0	0.3	14	107	1	0.05
240807	10:17:36.74	38° 29.54'	112° 53.85'	3.8	--	15	132	1	0.06
240807	10:20:35.36	38° 29.48'	112° 54.08'	3.2	0.2	10	135	2	0.04
240807	10:20:48.40	38° 29.33'	112° 54.22'	2.9	0.6	11	138	2	0.03
240807	11:33:25.57	38° 29.26'	112° 54.20'	2.5	-0.6	13	138	2	0.04
240807	19:43:13.86	38° 29.67'	112° 53.93'	3.6	0.7	22	71	1	0.08
240808	01:58:19.53	38° 29.77'	112° 54.05'	3.5	1.0	12	77	1	0.05
240808	02:20:13.91	41° 35.34'	112° 24.03'	6.3	1.1W	15	59	4	0.16
240808	02:32:48.35	38° 29.82'	112° 53.94'	3.3	0.8	14	102	1	0.07
240808	04:09:56.77	38° 29.92'	112° 54.22'	3.3	0.3	22	105	2	0.11
240808	04:12:06.88	38° 29.92'	112° 53.94'	3.6	1.1	21	103	1	0.11
240808	04:13:58.18	38° 30.09'	112° 54.06'	3.1	0.1	21	106	1	0.11
240808	04:52:41.25	38° 30.06'	112° 53.94'	3.5	0.7	21	91	1	0.09
240808	05:45:09.24	39° 04.49'	111° 29.05'	7.0	1.0	13	93	14	0.16
240808	06:36:36.55	38° 30.05'	112° 53.99'	3.2	-0.4	16	105	1	0.08
240808	23:39:09.73	38° 59.94'	111° 24.75'	-1.1	1.2W	12	72	5	0.16
240809	06:54:14.56	41° 35.23'	112° 24.47'	10.4	0.7W	17	61	3	0.13
240809	11:52:23.87	37° 08.58'	113° 46.95'	6.8	0.9W	14	168	12	0.12
240809	12:03:21.33	38° 28.92'	112° 54.31'	2.9	0.5	21	95	1	0.07
240809	13:57:40.15	38° 29.67'	112° 53.88'	3.7	0.4	21	77	1	0.06
240809	13:58:55.88	38° 29.75'	112° 53.78'	3.6	0.7	25	76	1	0.07
240810	08:36:16.13	38° 29.02'	112° 54.03'	3.2	0.9	23	84	1	0.07
240810	08:46:43.78	37° 31.07'	112° 38.95'	18.0	1.7W	19	107	21	0.22
240811	00:11:40.75	38° 29.89'	112° 53.97'	3.2	1.0	26	81	1	0.08
240811	07:39:23.03	38° 29.26'	112° 53.77'	3.4	0.3	21	89	1	0.09
240811	07:51:47.28	38° 29.25'	112° 53.70'	3.3	0.6	26	61	0	0.09
240811	11:28:21.51	38° 29.12'	112° 53.62'	2.5	0.2	17	91	0	0.07
240811	11:56:30.23	38° 29.18'	112° 53.90'	2.9	1.1	27	55	1	0.09
240811	11:57:33.73	38° 29.18'	112° 53.92'	2.6	0.2	18	95	1	0.09
240811	13:47:43.09	38° 29.95'	112° 54.07'	3.2	0.0	19	82	1	0.08
240811	13:48:27.49	38° 30.05'	112° 53.89'	3.4	0.2	21	104	1	0.09
240811	15:04:10.97	38° 29.74'	112° 53.97'	3.2	0.1	22	78	1	0.07
240811	17:19:35.38	38° 28.88'	112° 53.86'	3.2	1.0	23	73	1	0.08
240812	07:07:56.45	37° 50.56'	113° 05.65'	1.6*	0.8W	10	279	27	0.15
240812	07:53:33.24	42° 03.58'	111° 27.07'	3.5*	2.0W	23	97	21	0.19
240812	09:43:10.37	37° 45.89'	113° 13.16'	4.2*	2.3W	25	50	15	0.23
240812	18:26:57.01	37° 45.58'	113° 13.51'	9.4	1.9W	21	48	15	0.20
240812	18:28:32.92	37° 45.38'	113° 12.87'	9.7	1.7W	14	58	15	0.17

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240812	21:29:59.62	37° 45.23'	113° 12.50'	9.3	0.9W	8	107	14	0.11
240812	22:20:27.94	41° 39.04'	111° 40.92'	8.6	1.8W	31	56	11	0.17
240813	00:37:52.25	38° 39.96'	111° 25.81'	1.6*	0.8	9	195	13	0.19
240813	04:28:33.22	38° 29.17'	112° 54.22'	3.2	0.0	15	103	1	0.05
240813	07:17:50.47	39° 26.46'	112° 02.22'	2.7*	1.4W	12	58	14	0.07
240814	12:39:29.02	39° 09.96'	111° 15.20'	2.3*	0.6W	7	101	15	0.08
240814	13:06:59.52	37° 16.80'	113° 45.97'	12.2	0.9W	7	114	20	0.09
240815	01:26:45.40	39° 23.56'	112° 08.72'	12.3	1.7W	32	38	3	0.20
240815	10:01:49.08	37° 29.50'	110° 12.02'	14.9*	2.3W	18	138	69	0.19
240815	13:25:34.53	40° 43.92'	112° 01.98'	6.6	0.7W	21	72	1	0.14
240815	17:20:53.85	37° 33.76'	113° 04.02'	14.1	1.2W	17	74	4	0.11
240815	18:02:34.75	37° 04.87'	112° 50.87'	9.2	3.3W	38	92	8	0.25
240815	19:02:03.32	37° 33.55'	113° 03.67'	12.7	1.5W	18	74	5	0.10
240815	22:49:48.15	39° 26.39'	111° 03.54'	1.7*	1.8W	19	61	14	0.11
240816	08:35:03.31	38° 30.21'	112° 52.51'	1.6	0.0	17	79	1	0.07
240816	16:41:42.32	37° 33.35'	113° 05.11'	11.7	1.0W	11	191	4	0.12
240816	19:50:51.24	38° 30.16'	112° 52.75'	1.6	0.8	25	74	1	0.09
240817	03:02:39.73	38° 30.33'	112° 52.65'	1.8	0.9	24	64	1	0.09
240817	04:12:43.64	39° 00.37'	111° 24.36'	-0.4	0.8W	10	83	4	0.26
240817	14:35:48.76	38° 30.22'	112° 52.79'	1.6	-0.3	18	107	1	0.08
240817	18:50:21.16	40° 44.15'	112° 02.40'	5.5	0.7W	16	74	1	0.13
240817	20:15:58.52	38° 34.39'	112° 34.11'	4.3*	1.4W	23	125	11	0.10
240818	03:06:02.11	38° 27.21'	112° 48.54'	4.7	--	14	203	4	0.05
240818	03:11:47.38	38° 29.87'	112° 52.81'	1.5	0.9	22	53	1	0.07
240818	05:18:00.33	38° 30.16'	112° 52.24'	0.7	-0.2	22	125	1	0.10
240818	06:50:38.24	39° 17.93'	109° 28.21'	3.4*	1.9W	15	92	75	0.17
240818	12:59:43.59	38° 39.49'	111° 24.78'	1.3*	1.4W	11	112	14	0.28
240818	13:09:46.43	38° 29.39'	112° 53.11'	1.4	0.5	18	86	1	0.10
240818	14:17:48.13	38° 27.18'	112° 48.24'	5.1	0.4	26	170	4	0.08
240818	20:03:02.23	38° 31.11'	112° 52.67'	6.0	--	11	249	1	0.16
240818	22:36:45.06	38° 40.00'	111° 25.51'	2.5*	0.7W	7	193	13	0.12
240819	03:02:52.69	38° 30.40'	112° 52.47'	1.2	0.9	22	65	1	0.09
240819	07:28:52.52	38° 30.02'	112° 52.59'	1.1	0.5	23	51	1	0.10
240819	14:22:05.83	38° 29.82'	112° 53.04'	1.6	-0.4	15	76	1	0.05
240819	17:27:31.29	38° 28.81'	112° 53.89'	3.0	0.9	17	60	1	0.06
240819	17:43:33.93	38° 28.69'	112° 54.08'	2.8	0.9	17	60	1	0.06
240819	17:56:45.53	38° 30.15'	112° 52.41'	0.7	0.6	24	67	1	0.10
240819	18:07:06.69	38° 29.93'	112° 52.80'	1.4	0.1	12	134	1	0.06
240819	20:16:35.56	40° 44.30'	112° 04.68'	10.0	0.8	13	102	4	0.09
240819	20:57:34.43	39° 00.38'	111° 23.94'	0.4	1.3W	21	58	4	0.16
240819	21:23:48.44	38° 30.44'	112° 52.76'	1.2	-0.2	15	152	1	0.09
240820	00:30:00.56	38° 29.73'	112° 52.56'	1.9	0.6	22	64	0	0.08
240820	02:05:34.29	38° 30.18'	112° 52.59'	1.9	0.4	20	63	1	0.08
240820	08:43:47.53	38° 39.41'	111° 24.62'	1.6*	1.2W	12	89	14	0.16

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240820	14:29:14.65	37° 55.29'	111° 16.41'	19.1	1.8W	18	183	31	0.17
240820	16:43:35.43	36° 54.02'	112° 28.16'	17.0	1.8W	19	128	16	0.16
240821	11:23:44.30	38° 30.13'	112° 52.41'	1.0	0.5	17	118	1	0.07
240821	16:46:40.78	38° 30.12'	112° 52.09'	1.0	0.4	18	130	1	0.08
240821	20:50:15.95	38° 59.45'	111° 23.76'	-2.5	0.9	6	199	3	0.11
240821	22:55:19.46	38° 29.00'	112° 53.73'	2.9	0.4	20	92	0	0.09
240821	22:57:08.76	38° 29.13'	112° 53.89'	2.9	0.9	22	59	1	0.09
240821	23:04:42.28	38° 29.71'	112° 52.66'	1.4	0.0	25	66	0	0.08
240822	04:15:43.85	38° 29.43'	112° 52.60'	0.9	0.5	17	69	1	0.10
240822	12:08:00.03	38° 30.18'	112° 52.65'	1.4	-0.7	11	98	1	0.07
240822	14:36:15.33	39° 00.36'	111° 25.01'	-1.0	1.4W	21	59	5	0.13
240823	03:27:01.57	38° 30.16'	112° 52.44'	1.5	0.5	18	117	1	0.06
240823	03:45:03.14	38° 30.14'	112° 52.67'	1.7	1.3	22	69	1	0.10
240823	07:32:27.79	41° 34.80'	112° 24.88'	-0.4*	1.3W	15	91	11	0.11
240823	10:41:48.67	38° 30.32'	112° 52.53'	1.2	0.3	19	109	1	0.07
240823	12:47:11.67	38° 29.43'	112° 54.02'	2.8	0.6	13	98	2	0.03
240823	13:38:35.47	38° 29.59'	112° 54.01'	2.9	0.0	18	66	1	0.06
240823	13:53:47.81	38° 29.55'	112° 53.64'	2.5	0.4	19	96	1	0.09
240823	13:57:54.90	38° 29.73'	112° 54.03'	2.9	1.2	22	71	1	0.06
240823	21:53:55.56	39° 40.74'	111° 52.44'	11.4	0.8	8	137	20	0.10
240823	23:47:35.35	41° 00.56'	111° 43.63'	15.6	0.6	9	145	7	0.19
240824	04:03:47.16	38° 29.87'	112° 53.80'	3.1	1.1	28	82	1	0.10
240824	04:27:32.22	38° 29.98'	112° 53.64'	3.5	1.2	25	89	1	0.10
240824	05:30:14.04	38° 29.90'	112° 53.82'	3.3	0.8	25	84	1	0.10
240825	05:43:45.82	38° 30.14'	112° 52.66'	1.8	1.2	30	51	1	0.12
240825	06:00:27.06	38° 29.78'	112° 52.77'	1.2	0.0	23	56	1	0.08
240825	06:28:02.84	38° 29.91'	112° 53.92'	3.2	0.8	30	51	1	0.13
240825	12:10:23.49	38° 30.38'	112° 52.43'	1.5	1.0	21	111	1	0.08
240825	12:36:31.93	38° 30.41'	112° 52.31'	1.2	0.7	23	114	1	0.09
240825	12:42:48.73	38° 30.41'	112° 52.57'	1.2	0.8	18	62	1	0.08
240825	15:57:12.42	39° 31.30'	111° 56.13'	10.3	1.4W	12	86	11	0.08
240825	19:34:49.30	38° 29.75'	112° 53.12'	0.1	0.6	9	105	1	0.10
240825	19:46:40.91	41° 35.54'	112° 25.49'	5.1	1.9W	27	91	9	0.15
240825	21:59:22.35	37° 32.52'	112° 55.59'	12.4*	1.5W	11	179	27	0.20
240826	06:14:27.30	39° 05.58'	111° 29.40'	4.8*	1.6W	15	129	16	0.12
240826	06:17:18.47	39° 05.73'	111° 30.08'	2.9*	1.0W	7	139	16	0.09
240826	06:22:34.98	39° 05.58'	111° 29.77'	1.9*	1.5W	14	111	16	0.16
240826	06:30:31.04	39° 05.90'	111° 29.96'	1.9*	1.0W	8	138	16	0.06
240826	07:46:26.78	39° 24.63'	111° 05.89'	1.3*	1.0W	13	99	11	0.11
240826	09:17:23.50	38° 29.98'	112° 52.52'	1.3	0.8	18	60	1	0.07
240826	12:11:10.94	39° 00.15'	111° 24.41'	-0.9	0.9W	8	83	4	0.13
240826	12:30:11.50	38° 30.32'	112° 52.56'	1.4	-0.2	17	62	1	0.07
240826	14:54:42.15	38° 29.59'	112° 52.45'	1.7	0.5	23	124	0	0.08
240826	15:56:17.81	37° 21.08'	113° 24.63'	3.6*	0.3	7	91	25	0.14

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240826	18:27:14.75	38° 29.58'	112° 52.71'	1.2	0.5	27	66	1	0.11
240826	19:51:41.50	39° 00.01'	111° 25.63'	-2.4	1.3	7	139	6	0.08
240826	20:07:09.40	38° 29.73'	112° 52.77'	1.6	0.2	23	63	1	0.09
240826	21:17:35.23	38° 30.43'	112° 52.66'	1.1	-0.2	17	98	1	0.06
240827	02:54:22.06	41° 35.34'	112° 25.35'	6.0	0.9W	22	91	9	0.12
240827	05:01:00.54	39° 00.54'	111° 24.27'	-1.5	0.9W	8	82	4	0.07
240827	06:24:10.68	38° 30.22'	112° 52.44'	0.8	0.2	25	66	1	0.09
240827	09:02:15.28	38° 29.60'	112° 52.69'	1.3	-0.2	25	67	1	0.11
240827	10:43:17.41	38° 30.07'	112° 52.27'	0.6	1.0	23	70	1	0.11
240827	11:16:03.44	38° 30.56'	112° 52.46'	2.0	0.0	13	103	1	0.06
240827	12:42:54.97	39° 00.68'	111° 24.44'	-1.5	1.0W	9	82	4	0.08
240827	15:59:11.42	38° 30.10'	112° 52.35'	0.4	0.3	24	69	1	0.11
240827	23:15:55.18	39° 00.24'	111° 24.35'	-0.6	1.3W	13	82	4	0.12
240828	07:33:35.15	39° 18.79'	111° 50.03'	6.1*	1.8W	24	44	22	0.21
240828	12:00:06.05	38° 29.76'	112° 52.68'	1.1	-0.5	15	64	1	0.06
240828	12:46:21.13	38° 29.45'	112° 52.51'	1.0	0.5	19	126	1	0.07
240828	17:47:21.32	41° 35.22'	112° 25.51'	6.0*	1.1	12	123	15	0.12
240828	18:02:03.94	38° 29.43'	112° 52.55'	0.8	1.5	27	70	1	0.10
240828	20:02:38.95	38° 30.18'	112° 52.73'	1.3	0.4	18	96	1	0.07
240829	02:20:01.52	41° 34.15'	112° 25.17'	0.2*	0.9	13	124	12	0.11
240829	03:10:11.56	38° 30.26'	112° 52.28'	1.0	1.0	17	92	1	0.11
240829	10:34:46.56	38° 29.60'	112° 52.72'	1.6	0.1	18	66	1	0.06
240829	10:48:09.50	38° 29.80'	112° 52.82'	1.5	0.0	17	57	1	0.08
240829	11:00:14.61	38° 29.85'	112° 52.83'	1.2	0.0	18	67	1	0.07
240829	11:14:07.79	38° 29.54'	112° 52.56'	1.0	0.4	17	70	0	0.10
240829	11:15:40.92	38° 29.61'	112° 53.02'	1.7	-0.5	12	128	1	0.06
240829	11:32:25.13	38° 30.13'	112° 52.21'	0.8	0.6	19	70	1	0.10
240829	15:00:14.41	38° 29.60'	112° 52.76'	1.6	0.4	16	65	1	0.06
240829	15:27:00.81	37° 33.37'	113° 03.91'	11.3	1.4W	10	109	5	0.07
240829	16:31:57.87	37° 33.15'	113° 03.97'	10.3	1.4	8	215	5	0.08
240829	18:04:33.78	38° 30.26'	112° 52.35'	0.9	0.9	18	67	1	0.10
240829	23:11:06.60	38° 30.47'	112° 52.68'	1.6	0.2	16	149	1	0.07
240830	03:31:13.07	40° 44.71'	112° 02.83'	5.7	0.6	15	110	2	0.08
240830	03:41:26.12	38° 29.58'	112° 52.72'	1.3	-0.4	22	66	1	0.07
240830	04:15:33.18	39° 00.53'	111° 24.53'	-0.1	1.3W	11	74	5	0.10
240830	06:05:12.32	37° 20.43'	113° 24.75'	1.6*	0.9W	11	89	24	0.17
240830	07:06:17.81	38° 30.09'	112° 52.73'	1.4	0.7	20	93	1	0.08
240830	08:48:05.45	38° 30.23'	112° 52.76'	1.9	0.4	20	96	1	0.08
240830	10:18:28.65	38° 30.20'	112° 52.42'	0.8	0.8	23	66	1	0.09
240830	10:43:00.76	38° 30.15'	112° 52.25'	0.9	-0.5	14	125	1	0.09
240830	13:31:21.22	38° 28.71'	112° 53.96'	2.3	0.9	20	61	1	0.13
240830	13:32:53.76	38° 28.54'	112° 53.74'	1.9	0.7	21	63	1	0.14
240830	14:33:16.78	38° 28.45'	112° 53.90'	2.0	1.2	32	64	1	0.16
240830	14:35:18.19	38° 28.80'	112° 54.04'	2.5	0.7	20	59	1	0.10

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240830	14:56:07.75	38° 28.44'	112° 53.93'	2.0	1.0	26	65	1	0.15
240830	14:58:21.25	38° 28.81'	112° 53.68'	2.6	0.5	22	60	1	0.11
240830	15:06:50.15	39° 00.01'	111° 24.93'	-0.9	1.6W	22	60	5	0.13
240830	15:45:59.08	37° 40.31'	112° 25.48'	6.7*	2.1W	27	80	27	0.24
240830	17:17:13.15	38° 28.97'	112° 54.20'	2.8	0.7	23	56	1	0.07
240830	17:34:57.99	38° 30.02'	112° 52.60'	1.3	0.8	20	91	1	0.08
240830	18:02:26.36	38° 29.11'	112° 53.67'	3.1	0.4	17	93	0	0.08
240830	19:01:22.43	38° 30.42'	112° 52.46'	1.5	-0.2	18	102	1	0.08
240830	21:02:08.47	38° 28.66'	112° 53.69'	2.4	1.3	26	62	1	0.15
240830	21:02:13.93	38° 29.02'	112° 54.17'	3.1	1.8	19	86	1	0.08
240830	21:09:10.27	38° 29.12'	112° 54.15'	2.7	0.7	22	55	1	0.07
240830	22:33:24.57	39° 00.34'	111° 26.18'	-2.0	1.2W	10	88	7	0.20
240831	12:01:32.31	38° 30.24'	112° 53.80'	3.4	0.4	22	61	1	0.11
240831	12:24:51.97	38° 29.49'	112° 52.48'	0.7	0.4	21	71	0	0.10
240831	15:04:04.75	38° 30.22'	112° 52.30'	1.0	0.2	25	68	1	0.13
240831	15:31:42.68	39° 20.86'	111° 06.27'	-0.2	1.3W	15	153	4	0.13
240831	16:42:30.16	41° 35.25'	112° 24.64'	5.7	1.2W	23	90	10	0.15
240831	16:42:37.70	41° 34.94'	112° 24.54'	7.8	0.9	10	119	11	0.19
240831	16:44:40.25	41° 34.99'	112° 25.23'	4.4	0.9W	20	92	10	0.11
240831	17:09:24.11	38° 29.69'	112° 52.56'	1.3	0.6	24	68	0	0.10
240831	17:29:44.46	38° 29.70'	112° 52.50'	1.5	0.3	21	69	0	0.10
240831	17:44:27.08	38° 29.80'	112° 52.73'	1.1	0.5	21	52	1	0.10
240831	18:24:13.84	38° 29.92'	112° 52.81'	1.3	0.6	21	75	1	0.08
240831	19:37:44.87	38° 30.10'	112° 52.78'	1.3	0.8	22	94	1	0.09
240901	02:40:57.74	37° 33.26'	113° 03.46'	11.7	1.3W	20	76	5	0.11
240901	02:50:29.06	41° 35.47'	112° 24.94'	6.2	1.4W	29	91	9	0.20
240901	03:20:06.62	39° 31.07'	111° 55.00'	13.5	1.3W	16	148	9	0.17
240901	05:07:12.64	37° 33.39'	113° 03.87'	12.2	2.1W	36	45	5	0.16
240901	06:00:19.94	40° 26.99'	111° 59.57'	11.2	1.5W	43	61	3	0.18
240901	07:19:35.31	37° 33.35'	113° 03.64'	12.0	1.5W	30	55	5	0.11
240901	08:07:45.73	40° 41.02'	112° 10.24'	9.9	0.4	13	117	5	0.13
240901	08:59:51.66	39° 00.54'	111° 26.34'	2.3	2.2W	30	58	7	0.18
240901	11:12:34.55	37° 33.18'	113° 03.21'	13.4	1.1W	13	173	6	0.18
240901	12:20:23.68	41° 35.08'	112° 24.80'	6.4	1.0W	23	90	10	0.14
240901	19:04:51.40	39° 00.58'	111° 24.49'	-0.5	1.0W	8	83	4	0.07
240901	19:56:31.78	37° 33.54'	113° 05.60'	11.5	1.1W	12	181	4	0.07
240902	01:44:02.11	37° 33.33'	113° 03.99'	10.8	1.5W	24	55	5	0.15
240902	05:10:44.37	40° 43.99'	112° 02.12'	9.9	0.7	17	73	1	0.07
240902	06:23:39.00	38° 30.40'	112° 52.68'	1.7	-0.2	13	143	1	0.06
240902	06:25:48.45	37° 33.40'	113° 03.53'	11.5	1.6W	21	67	5	0.15
240902	06:31:06.73	37° 33.51'	113° 03.70'	11.3	1.7W	19	67	5	0.09
240902	06:33:57.32	38° 29.53'	112° 52.60'	1.1	-0.2	12	110	0	0.06
240902	06:35:20.49	37° 32.94'	113° 03.44'	10.2	1.5W	14	67	6	0.13
240902	06:58:46.00	38° 29.69'	112° 52.84'	1.1	0.8	17	64	1	0.07

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240902	07:38:21.21	38° 29.66'	112° 52.72'	0.9	0.6	15	66	1	0.06
240902	07:39:34.88	37° 33.42'	113° 03.54'	11.0	1.0W	7	225	5	0.06
240902	10:33:17.34	38° 29.89'	112° 52.83'	1.0	0.6	16	70	1	0.06
240902	12:34:53.85	38° 30.45'	112° 52.59'	1.3	0.1	14	97	1	0.06
240902	13:08:01.00	37° 20.09'	113° 24.32'	0.1*	1.4W	21	65	24	0.17
240902	13:11:34.32	38° 29.55'	112° 52.59'	1.4	-0.8	11	108	0	0.06
240902	13:57:35.10	37° 33.54'	113° 03.66'	11.9	1.1W	11	130	5	0.07
240902	14:11:59.02	37° 20.57'	113° 24.09'	3.1*	1.9W	22	55	23	0.18
240902	18:37:58.44	38° 30.40'	112° 52.58'	1.3	0.8	15	137	1	0.07
240902	18:56:11.66	38° 29.59'	112° 52.51'	1.2	0.8	14	111	0	0.07
240902	19:21:04.90	38° 29.52'	112° 52.73'	1.3	-0.1	15	66	1	0.06
240902	21:21:41.81	38° 26.71'	112° 14.89'	1.8	1.1W	9	82	10	0.10
240902	23:01:32.73	38° 30.13'	112° 52.64'	0.8	1.0	17	54	1	0.11
240902	23:18:54.68	37° 33.61'	113° 04.61'	11.7	1.3W	10	185	4	0.12
240902	23:33:56.39	37° 33.66'	113° 03.44'	12.2	0.9W	7	194	5	0.03
240903	03:36:41.26	37° 33.67'	113° 03.93'	12.9	2.2W	30	45	4	0.13
240903	03:39:06.34	37° 33.45'	113° 03.50'	11.1	1.3W	21	45	5	0.13
240903	03:53:55.35	37° 33.26'	113° 03.55'	11.1	1.2W	10	171	5	0.07
240903	04:00:34.21	38° 29.62'	112° 52.79'	0.4	0.4	17	65	1	0.08
240903	05:15:46.79	39° 01.38'	111° 30.75'	7.9	0.6W	10	95	14	0.07
240903	08:46:31.80	38° 30.12'	112° 52.50'	1.0	0.8	16	93	1	0.08
240903	08:52:52.69	39° 34.01'	111° 12.84'	2.1	1.4W	22	44	8	0.19
240903	09:07:54.92	38° 29.62'	112° 52.74'	1.5	0.5	17	65	1	0.07
240903	12:29:39.30	37° 33.68'	113° 03.54'	12.3	1.8W	22	46	5	0.15
240903	13:10:55.87	37° 33.77'	113° 03.51'	12.1	1.3W	18	66	4	0.13
240903	15:02:50.39	38° 36.25'	112° 33.59'	-0.7	1.5W	16	126	10	0.16
240903	15:10:26.54	38° 29.39'	112° 52.61'	0.4	1.3	20	69	1	0.10
240903	17:06:27.95	38° 29.51'	112° 52.67'	1.6	-0.3	18	104	1	0.07
240903	18:13:11.86	38° 37.70'	112° 33.91'	-0.3	1.7W	19	61	10	0.09
240904	03:52:12.08	38° 29.68'	112° 52.74'	1.0	-0.5	12	93	1	0.06
240904	04:01:17.77	38° 29.59'	112° 52.80'	2.0	0.2	16	94	1	0.07
240904	05:48:32.21	38° 30.50'	112° 52.26'	1.6	0.5	19	111	1	0.07
240904	08:41:00.23	38° 29.23'	112° 52.56'	0.7	1.1	31	71	1	0.15
240904	08:56:29.71	38° 29.40'	112° 52.56'	0.8	0.4	19	69	1	0.11
240904	09:47:23.03	38° 29.53'	112° 52.72'	1.1	0.0	21	66	1	0.10
240904	09:54:12.22	38° 30.26'	112° 52.34'	0.2	0.5	19	67	1	0.13
240904	13:53:58.30	38° 30.14'	112° 52.88'	1.2	0.6	17	97	0	0.06
240904	14:15:43.62	37° 33.62'	113° 04.20'	12.9	2.1W	35	45	4	0.20
240904	14:17:19.25	37° 33.18'	113° 03.46'	10.1	1.1W	12	87	5	0.07
240904	14:17:20.31	38° 29.91'	112° 53.12'	1.7	0.3	10	140	0	0.06
240904	14:20:10.93	38° 29.78'	112° 53.21'	2.1	0.1	13	163	1	0.05
240904	16:44:30.11	38° 30.12'	112° 52.98'	1.2	0.2	15	98	0	0.05
240904	18:02:52.88	38° 30.11'	112° 52.85'	1.0	0.8	16	96	1	0.05
240904	18:23:30.58	38° 29.59'	112° 52.85'	1.6	-0.1	16	64	1	0.07

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240904	19:03:29.65	38° 30.24'	112° 52.91'	2.1	0.4	11	98	1	0.06
240904	22:19:03.32	38° 15.26'	112° 18.81'	6.3*	1.5W	10	170	26	0.13
240905	00:26:45.18	38° 29.90'	112° 52.42'	0.6	1.3	23	65	0	0.19
240905	01:40:57.47	38° 29.80'	112° 52.64'	1.0	0.9	18	69	0	0.08
240905	04:05:14.14	38° 09.43'	112° 39.09'	5.9*	1.5W	12	76	38	0.12
240905	05:47:39.41	38° 29.55'	112° 52.56'	1.1	0.6	21	69	0	0.10
240905	07:23:38.24	38° 29.57'	112° 52.63'	1.6	0.6	15	68	0	0.07
240905	07:33:48.97	38° 29.55'	112° 52.72'	1.3	0.7	23	66	1	0.09
240905	08:25:49.36	38° 29.66'	112° 52.78'	1.3	0.9	23	65	1	0.09
240905	08:31:16.08	38° 29.53'	112° 52.77'	1.6	0.9	22	66	1	0.07
240905	08:57:10.22	38° 26.57'	112° 15.65'	-1.5*	1.7W	24	64	11	0.21
240905	13:30:57.93	38° 29.44'	112° 52.59'	0.9	0.6	25	69	1	0.13
240905	14:40:07.57	38° 26.36'	112° 14.55'	0.1	1.2W	11	107	10	0.20
240905	15:26:56.02	38° 30.41'	112° 52.42'	1.4	0.7	23	64	1	0.10
240905	16:08:33.75	38° 30.23'	112° 52.20'	0.6	0.9	26	68	1	0.13
240905	16:18:40.88	38° 26.78'	112° 14.99'	1.6	0.8	12	121	10	0.20
240905	16:49:48.64	38° 29.83'	112° 52.98'	1.6	0.6	20	52	1	0.08
240905	17:37:19.82	38° 29.80'	112° 52.48'	1.5	0.0	18	89	0	0.07
240905	17:43:44.05	38° 29.96'	112° 52.77'	1.2	1.1	22	84	1	0.07
240905	17:45:39.72	38° 29.81'	112° 52.86'	1.5	0.3	20	59	1	0.07
240905	17:48:20.39	38° 26.12'	112° 14.53'	1.9	0.5	9	74	10	0.19
240905	20:30:30.35	38° 29.84'	112° 52.84'	1.3	-0.2	20	63	1	0.07
240905	21:02:11.16	41° 35.26'	112° 24.90'	6.6*	0.8	8	120	14	0.13
240905	22:31:53.83	41° 35.66'	112° 23.55'	5.8	1.5W	25	87	10	0.17
240906	02:38:32.73	38° 29.47'	112° 52.61'	1.1	0.7	24	68	1	0.13
240906	02:59:56.49	38° 09.34'	112° 37.48'	3.0*	1.7W	22	51	40	0.29
240906	05:53:20.24	38° 29.58'	112° 52.67'	1.4	0.3	23	67	1	0.10
240906	08:07:35.73	38° 29.43'	112° 52.78'	1.2	0.5	13	94	1	0.08
240906	08:16:00.06	40° 44.34'	111° 58.46'	4.7	0.8W	27	41	2	0.19
240906	13:42:16.92	38° 29.32'	112° 52.57'	0.9	0.4	24	69	1	0.13
240906	13:54:12.37	38° 29.36'	112° 52.74'	0.9	-0.8	12	113	1	0.10
240906	18:23:52.85	38° 29.48'	112° 52.42'	0.9	-0.1	18	129	0	0.10
240906	18:35:58.24	38° 29.58'	112° 52.66'	0.6	0.4	18	95	1	0.09
240906	18:49:46.23	38° 30.42'	112° 52.65'	2.3	0.3	19	98	1	0.08
240906	19:00:13.69	38° 29.45'	112° 52.47'	0.6	0.5	24	72	1	0.13
240906	19:19:01.16	42° 08.27'	112° 28.37'	0.3	0.9	8	187	4	0.18
240906	22:40:12.27	38° 29.52'	112° 52.85'	1.4	0.0	19	68	1	0.07
240907	03:27:15.87	38° 30.43'	112° 52.64'	2.1	0.4	17	97	1	0.07
240907	04:57:46.14	38° 59.62'	111° 24.66'	-0.5	1.1	6	134	5	0.16
240907	08:55:57.75	38° 29.31'	112° 52.66'	1.0	1.5	25	72	1	0.12
240907	09:10:55.10	38° 30.42'	112° 52.29'	0.9	1.0	23	66	1	0.12
240907	12:02:28.34	38° 29.44'	112° 52.53'	0.8	0.1	19	70	1	0.11
240907	13:33:01.46	38° 29.56'	112° 52.67'	1.4	1.4	26	67	1	0.09
240907	15:41:08.96	38° 19.85'	112° 42.62'	2.6*	0.7	15	242	16	0.08
240907	18:24:31.36	38° 29.55'	112° 52.51'	1.4	0.7	24	120	0	0.13

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240907	18:27:50.97	38° 29.78'	112° 52.62'	1.5	0.0	22	68	0	0.09
240907	18:28:08.84	38° 29.70'	112° 52.61'	1.4	0.6	23	67	0	0.09
240907	19:14:27.97	38° 29.73'	112° 52.40'	1.3	-0.4	16	88	0	0.07
240907	20:22:21.24	38° 29.07'	112° 50.78'	-0.3	0.5	19	102	3	0.10
240907	20:22:47.99	38° 29.19'	112° 50.49'	-0.2	0.7	16	201	3	0.11
240907	20:25:20.09	38° 29.39'	112° 50.85'	-0.1	0.6	21	94	2	0.10
240907	20:32:20.45	41° 35.82'	112° 24.35'	5.4	1.6W	24	88	9	0.16
240907	23:15:13.11	38° 29.79'	112° 52.80'	1.6	0.6	19	61	1	0.07
240908	02:16:27.10	41° 35.16'	112° 25.23'	5.0	3.3W	45	92	10	0.19
240908	02:22:50.84	41° 34.81'	112° 24.72'	10.1	0.6	8	121	14	0.14
240908	02:33:54.24	41° 35.45'	112° 25.43'	5.9	1.0W	20	91	9	0.15
240908	02:41:12.96	41° 35.06'	112° 25.44'	4.2*	0.8W	11	123	15	0.13
240908	02:50:59.47	41° 35.13'	112° 25.63'	6.2	1.5W	29	92	10	0.13
240908	02:53:52.17	41° 35.35'	112° 24.20'	6.5	0.6	9	117	13	0.10
240908	04:09:07.61	38° 29.63'	112° 52.80'	1.0	0.4	21	64	1	0.08
240908	06:34:40.41	38° 29.12'	112° 50.67'	-0.2	1.0	19	102	3	0.23
240908	06:49:06.12	41° 35.06'	112° 25.57'	7.5	1.4W	26	92	10	0.13
240908	09:29:05.23	39° 00.81'	111° 24.61'	-1.6	1.6W	8	82	5	0.09
240908	09:43:34.10	38° 29.80'	112° 52.65'	0.9	0.6	16	68	0	0.07
240908	10:23:14.79	41° 35.29'	112° 25.44'	7.0	1.5W	29	92	10	0.19
240908	12:36:31.41	38° 30.53'	112° 52.39'	1.7	0.2	16	106	1	0.08
240908	13:10:24.07	41° 35.52'	112° 25.17'	6.8*	0.6W	9	121	14	0.14
240908	14:39:07.69	38° 29.69'	112° 52.75'	0.8	0.7	16	65	1	0.07
240908	15:56:37.34	37° 04.28'	112° 51.21'	10.1	1.8W	25	105	7	0.18
240908	21:16:56.71	38° 29.49'	112° 52.35'	0.8	1.3	17	132	0	0.09
240908	21:41:08.25	38° 15.66'	112° 18.48'	6.0*	0.8	11	133	27	0.11
240908	21:44:25.82	38° 29.39'	112° 52.42'	0.7	1.0	19	73	1	0.10
240908	23:22:56.97	38° 29.44'	112° 52.49'	0.4	0.3	13	126	1	0.06
240909	02:40:12.85	41° 34.93'	112° 26.00'	4.7	1.1W	18	125	10	0.15
240909	04:10:15.48	41° 34.58'	112° 25.95'	0.2*	0.8W	15	126	11	0.10
240909	05:45:33.40	41° 35.21'	112° 25.07'	3.5	0.8	18	91	10	0.14
240909	07:44:40.62	38° 29.53'	112° 52.62'	0.8	0.7	24	69	1	0.12
240909	08:25:41.20	41° 32.96'	112° 25.40'	-3.2*	0.7W	15	127	14	0.11
240909	09:57:26.35	38° 29.58'	112° 52.63'	1.2	0.9	20	68	0	0.11
240909	10:25:29.29	38° 27.28'	112° 48.23'	4.8	0.2	18	169	4	0.07
240909	12:20:36.97	40° 36.95'	111° 34.65'	8.4	0.5	15	144	6	0.12
240909	13:32:42.79	38° 29.40'	112° 52.76'	1.7	0.7	18	72	1	0.12
240909	16:13:45.47	38° 29.57'	112° 52.69'	0.7	1.0	17	66	1	0.08
240910	11:38:11.58	38° 59.95'	111° 24.59'	-0.8	0.9W	9	133	4	0.10
240910	11:58:54.54	38° 29.65'	112° 52.78'	0.9	0.7	21	64	1	0.08
240910	14:31:36.66	41° 34.35'	112° 24.72'	8.3	1.8W	33	92	12	0.15
240910	23:17:19.04	38° 29.85'	112° 52.47'	1.7	-0.2	10	103	0	0.08
240910	23:50:07.85	38° 27.07'	112° 48.33'	5.2	0.3	16	149	5	0.08
240911	01:32:36.72	38° 27.23'	112° 48.32'	4.6	0.7	19	146	4	0.10

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240911	11:02:24.84	37° 11.02'	112° 53.43'	20.8	1.5W	12	87	20	0.11
240911	14:17:39.17	39° 14.54'	111° 01.21'	15.1	0.9W	8	93	17	0.03
240911	15:38:05.00	38° 29.40'	112° 52.58'	0.2	0.5	16	124	1	0.07
240912	12:35:24.05	38° 29.48'	112° 52.75'	1.2	-0.4	12	101	1	0.05
240912	21:01:54.43	38° 29.59'	112° 52.78'	1.1	0.0	16	98	1	0.07
240912	22:25:51.13	38° 29.35'	112° 52.30'	-0.1	1.2	26	76	2	0.13
240913	02:44:25.06	39° 00.00'	111° 23.62'	0.2	0.9W	8	126	3	0.08
240913	05:25:22.00	41° 33.10'	112° 24.80'	3.5*	0.6	21	129	14	0.16
240913	10:37:07.86	41° 35.49'	112° 24.06'	2.4	1.2W	25	117	10	0.17
240913	18:12:08.05	37° 22.31'	114° 01.19'	6.1*	1.7W	12	134	18	0.14
240913	18:14:37.07	37° 22.44'	114° 02.41'	7.8*	1.6W	17	94	19	0.14
240913	18:22:36.56	37° 23.01'	114° 02.47'	8.9*	1.6W	17	95	18	0.15
240914	17:07:32.04	41° 35.17'	112° 24.99'	4.0	1.2	16	126	10	0.11
240914	23:19:58.83	37° 46.35'	113° 10.60'	8.9*	1.0	7	142	21	0.06
240915	00:30:22.30	40° 26.26'	111° 21.55'	13.4	1.4W	20	149	20	0.13
240915	00:59:29.81	38° 28.92'	112° 53.81'	2.8	0.9	15	91	1	0.05
240915	03:03:56.22	39° 21.12'	112° 04.66'	3.5	1.9W	12	75	9	0.10
240915	10:24:22.11	40° 55.84'	111° 16.50'	17.1	0.9	8	128	14	0.07
240915	10:41:40.00	40° 55.88'	111° 16.33'	15.5	1.1W	16	128	15	0.12
240915	10:56:05.84	40° 55.23'	111° 17.25'	5.9*	0.8	7	121	24	0.05
240915	12:02:36.09	38° 47.38'	111° 18.46'	1.4	1.0W	8	116	10	0.26
240915	17:02:57.12	41° 53.49'	112° 21.14'	11.5*	1.1	20	203	24	0.17
240915	18:37:12.53	39° 00.45'	111° 25.22'	-1.2	1.6	7	135	5	0.03
240917	07:19:27.09	39° 31.32'	111° 58.35'	0.2*	1.4W	11	91	14	0.13
240917	09:34:03.47	41° 35.37'	112° 25.03'	1.1	1.5W	24	126	10	0.17
240917	11:22:19.43	41° 28.30'	112° 37.10'	5.4*	1.4W	23	181	20	0.17
240918	06:09:05.29	39° 01.34'	111° 24.18'	-3.1	1.0	5	131	5	0.04
240918	07:02:13.51	41° 35.20'	112° 24.88'	8.6	2.1W	28	90	10	0.15
240918	07:04:14.18	41° 35.59'	112° 24.54'	5.7	1.4W	26	89	9	0.19
240918	07:10:15.47	41° 35.17'	112° 24.66'	0.7	0.5	12	120	10	0.10
240918	10:30:08.75	37° 03.95'	112° 50.92'	8.8	1.0W	8	105	6	0.04
240918	15:11:35.07	37° 46.24'	113° 11.96'	2.3*	1.3W	13	105	21	0.11
240918	19:42:35.19	39° 13.02'	112° 02.83'	12.6	0.9	13	65	9	0.20
240918	20:15:51.82	41° 35.56'	112° 25.45'	7.3	2.4W	36	91	9	0.14
240918	20:17:09.19	41° 35.80'	112° 25.28'	6.7	2.3W	28	90	9	0.16
240918	21:51:32.33	41° 35.40'	112° 25.44'	0.7	0.9W	20	91	9	0.17
240918	22:23:28.51	37° 17.63'	114° 12.03'	3.0*	1.7W	9	157	29	0.14
240919	06:26:23.76	39° 00.02'	111° 24.44'	-1.2	0.9W	8	83	4	0.10
240919	09:11:11.22	38° 48.01'	111° 19.24'	-0.6	1.7W	24	115	9	0.20
240919	16:11:26.81	38° 48.11'	111° 20.03'	1.3	2.1W	28	114	8	0.19
240919	17:03:45.99	38° 48.55'	111° 21.01'	8.1	2.0W	27	111	7	0.30
240919	19:21:42.18	41° 35.46'	112° 24.48'	5.9	1.1W	20	89	10	0.18
240920	02:54:29.99	41° 01.19'	111° 39.34'	10.0	2.0W	46	44	3	0.16
240920	04:24:03.86	37° 33.71'	113° 03.73'	12.8	1.7W	22	46	4	0.18

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240920	11:15:32.64	39° 00.50'	111° 24.35'	-1.5	0.9W	8	83	4	0.09
240920	11:46:18.29	39° 16.18'	110° 59.67'	23.1	0.9W	17	80	10	0.09
240920	15:48:28.77	38° 59.82'	111° 24.50'	-1.3	1.2W	10	84	4	0.04
240921	01:48:32.60	38° 29.44'	112° 52.91'	0.6	0.5	17	107	1	0.06
240921	03:35:03.21	38° 29.45'	112° 52.85'	0.6	0.2	17	102	1	0.07
240921	05:43:41.07	41° 35.61'	112° 25.59'	5.8	1.9W	39	91	9	0.16
240921	06:58:15.46	38° 10.29'	112° 16.74'	1.2*	1.8W	24	55	17	0.32
240921	07:03:11.49	39° 46.16'	111° 36.89'	2.3*	1.5W	31	45	20	0.18
240921	21:28:50.41	41° 35.35'	112° 25.63'	3.0	1.0	15	92	9	0.10
240921	22:17:41.25	41° 34.25'	112° 24.98'	2.9*	1.0W	20	92	12	0.14
240922	00:54:27.58	38° 35.69'	112° 37.17'	4.5*	0.8	11	129	15	0.06
240922	07:47:49.04	41° 35.15'	112° 25.49'	4.9	0.9	20	92	10	0.14
240922	08:00:01.42	41° 35.39'	112° 25.52'	5.3	1.4W	27	92	9	0.16
240922	08:02:15.04	40° 44.33'	112° 04.05'	8.9	1.0	29	55	3	0.14
240922	09:45:08.56	41° 35.86'	112° 23.74'	5.6	1.4W	24	87	10	0.13
240922	12:32:48.25	39° 22.69'	111° 52.94'	10.7	1.5W	18	111	15	0.18
240922	12:34:24.55	39° 21.15'	111° 52.98'	7.8*	1.1	16	77	18	0.27
240922	12:45:08.46	39° 24.05'	111° 53.97'	15.9	1.3W	12	127	14	0.14
240922	14:54:03.79	41° 35.34'	112° 25.70'	4.7	1.0	11	123	9	0.09
240922	15:50:41.20	41° 35.36'	112° 25.99'	4.7	0.9	14	124	9	0.08
240922	17:04:51.39	39° 00.23'	111° 24.03'	0.0	1.2W	15	82	4	0.09
240922	22:15:23.03	41° 35.47'	112° 25.74'	6.9	2.0W	30	92	9	0.11
240923	01:24:38.57	41° 35.73'	112° 25.52'	5.1	1.2W	19	91	9	0.13
240923	13:57:16.99	37° 04.13'	112° 50.90'	9.7	2.0W	22	102	6	0.18
240923	14:05:22.42	41° 44.93'	111° 40.12'	9.7	1.2W	22	70	10	0.14
240923	18:45:04.63	39° 26.75'	111° 54.43'	10.4	0.0	7	157	10	0.06
240923	19:58:08.45	41° 35.27'	112° 25.79'	1.5	1.2W	22	92	9	0.18
240923	21:35:20.68	36° 47.22'	112° 53.98'	25.8	1.5W	13	169	26	0.17
240924	08:50:33.31	41° 53.14'	111° 55.67'	2.4*	0.8	19	71	16	0.12
240924	08:51:22.10	41° 53.18'	111° 55.48'	5.2*	0.9	19	70	16	0.12
240924	08:52:07.42	41° 53.55'	111° 55.23'	5.8*	1.0	18	72	16	0.13
240924	08:54:42.86	41° 53.48'	111° 55.20'	5.3*	0.9	21	72	16	0.14
240924	08:58:05.15	41° 53.37'	111° 55.30'	5.0*	1.2	21	71	16	0.17
240924	14:18:22.61	41° 35.35'	112° 25.14'	4.4	0.8	16	91	10	0.14
240924	21:50:49.72	41° 01.92'	111° 39.31'	8.9	1.1	26	62	2	0.10
240926	12:52:10.56	37° 15.20'	113° 17.94'	1.9	1.1W	15	68	9	0.13
240926	18:40:51.33	37° 52.62'	112° 28.50'	3.1*	1.2	14	81	31	0.28
240926	18:46:30.55	41° 35.37'	112° 25.38'	5.8	1.1	16	129	9	0.16
240926	22:44:08.13	40° 28.44'	111° 28.80'	5.0*	0.3	9	198	17	0.10
240927	03:00:37.98	38° 30.49'	112° 52.48'	1.6	-0.3	19	63	1	0.07
240927	05:28:33.08	41° 08.83'	111° 37.16'	9.3	1.2	33	81	12	0.14
240927	18:26:29.99	40° 44.86'	112° 03.49'	7.8	1.2	29	55	3	0.14
240927	18:52:48.94	40° 23.33'	113° 23.34'	17.8*	2.5W	21	197	53	0.30
240927	20:39:50.21	37° 43.98'	111° 13.24'	4.3*	2.0W	20	193	52	0.25

Table 2. Earthquakes in the Utah Region: July 1–September 30, 2024

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
240928	01:58:37.86	38° 29.55'	112° 52.62'	0.2	0.4	20	68	0	0.08
240928	06:02:22.27	40° 44.00'	112° 02.87'	6.2	0.4	6	114	1	0.02
240928	07:23:05.16	40° 44.29'	112° 02.98'	6.7	0.9	25	52	2	0.09
240928	12:45:35.56	38° 55.19'	111° 56.44'	3.0*	1.2	10	77	14	0.20
240928	21:07:13.12	38° 16.70'	112° 18.91'	5.9*	0.8	8	132	29	0.17
240929	09:52:19.79	38° 29.53'	112° 50.42'	0.1	0.3	11	101	3	0.04
240929	18:08:14.65	39° 17.96'	111° 56.55'	3.2*	0.6	6	91	22	0.19
240929	18:33:47.46	36° 58.97'	113° 37.14'	17.3	1.8W	21	188	7	0.19
240929	19:03:46.73	39° 04.83'	111° 27.94'	2.0*	1.2W	8	95	13	0.03
240929	21:22:04.53	38° 29.35'	112° 52.45'	0.8	0.8	17	129	1	0.07
240930	01:50:50.60	40° 32.93'	110° 45.07'	11.2	1.2	17	189	2	0.13
240930	03:31:27.08	38° 29.76'	112° 52.87'	1.1	-0.6	7	136	1	0.05
240930	08:17:32.09	38° 37.60'	112° 33.68'	-0.2	1.8W	26	125	10	0.14
240930	14:12:26.54	41° 35.35'	112° 25.57'	5.9	2.2W	32	105	9	0.18
240930	19:13:34.48	39° 16.52'	111° 56.23'	10.2	0.6	12	90	20	0.18
240930	20:33:36.78	38° 30.01'	112° 52.81'	1.7	0.8	23	49	1	0.10

number of earthquakes = 678

* 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, 2024

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
2272	Eastwood Elementary School Salt Lake City, UT	HN[ZEN]	3	NP	40° 41.98'	111° 47.62'	1515	EpiSensor	Basalt	Digital	NSMP, ANSS
2285	Liberty Park Salt Lake City, UT	HN[ZEN]	3	NP	40° 44.70'	111° 52.49'	1298	EpiSensor	Basalt	Digital	NSMP, ANSS
2286	Roosevelt Elementary School Salt Lake City, UT	HN[ZEN]	3	NP	40° 42.08'	111° 52.01'	1314	EpiSensor	Basalt	Digital	NSMP, ANSS
7202	Meadowbrook Golf Course Murray, UT	HN[ZEN]	3	NP	40° 40.93'	111° 55.36'	1293	EpiSensor	Basalt	Digital	NSMP, ANSS
7203	Bonneville Golf Course Salt Lake City, UT	HN[ZEN]	3	NP	40° 44.81'	111° 49.63'	1457	EpiSensor	Basalt	Digital	NSMP, ANSS
7212	Annex Bldg., Weber State University, Ogden, UT	HN[ZEN]	3	NP	41° 11.75'	111° 56.50'	1422	EpiSensor	Basalt	Digital	NSMP, ANSS
7223	Dixie State College St. George, UT	HN[ZEN]	3	NP	37° 06.02'	113° 33.94'	815	EpiSensor	Etna	Digital	NSMP, ANSS
7224	Southern Utah University Cedar City, UT	HN[ZEN]	3	NP	37° 40.35'	113° 04.29'	1782	EpiSensor	Basalt	Digital	NSMP, ANSS
7225	City Maintenance Yard Beaver, UT	HN[ZEN]	3	NP	38° 17.01'	112° 38.32'	1808	EpiSensor	Etna	Digital	NSMP, ANSS
7226	UDOT IT Radio Shop Richfield, UT	HN[ZEN]	3	NP	38° 45.43'	112° 05.26'	1616	FBA23	Basalt	Digital	NSMP, ANSS
7227	City Maintenance Yard Gunnison, UT	HN[ZEN]	3	NP	39° 09.35'	111° 49.17'	1568	EpiSensor	Basalt	Digital	NSMP, ANSS
7228	Juab School District Nephi, UT	HN[ZEN]	3	NP	39° 43.27'	111° 49.49'	1576	EpiSensor	Basalt	Digital	NSMP, ANSS
7229	City Maintenance Shop Santaquin, UT	HN[ZEN]	3	NP	39° 58.35'	111° 47.58'	1520	EpiSensor	Etna	Digital	NSMP, ANSS
7232	City Parks & Recreation Office Tremonton, UT	HN[ZEN]	3	NP	41° 43.13'	112° 10.91'	1320	EpiSensor	Etna2	Digital	NSMP, ANSS
AHID	Auburn, ID	HH[Z12]	3	US	42° 45.92'	111° 06.02'	1960	*	*	Digital	USGS
ALP	Alpine Fire Station, Alpine, UT	EN[ZEN]	3	UU	40° 27.26'	111° 46.61'	1510	EpiSensor	Etna2	Digital	ANSS

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

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
BRPU	Butcher Ranch, Price, UT	HH[ZEN]	3	UU	39° 28.38'	110° 44.40'	1687	Trillium 240	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			
BSS	Butlerville Substation Salt Lake City, UT	EN[ZEN]	3	UU	40° 37.45'	111° 49.37'	1411	EpiSensor	Etna2	Digital	ANSS
BSUT	Blindstream Canyon, Hanna, UT	HH[ZEN]	3	UU	40° 32.19'	110° 45.67'	3211	Trillium 120	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			
BTU	Barney Top, UT	EHZ	1	UU	37° 45.34'	111° 52.46'	3235	S13	PSN	Analog	Utah
BW06	Boulder, WY	BH[ZEN]	3	US	42° 46.00'	109° 33.50'	2224	*	*	Digital	USGS
BYP	Brigham Young Park Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.26'	111° 53.23'	1323	EpiSensor	Etna2	Digital	ANSS
BZMT	Bozeman Pass, MT	EHZ	1	MB	45° 38.89'	110° 47.80'	1905	*	*	Analog	MBMT
CAP2	Utah Capitol Maint. Facility, Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.78'	111° 53.34'	1381	EpiSensor	Etna2	Digital	ANSS
CCPU	Cedar City Park, UT	EN[ZEN]	3	UU	38° 16.61'	112° 38.42'	1799	PA-23	SMART-24	Digital	Utah
CCUT	Cedar City, UT	HH[ZEN]	3	UU	37° 33.04'	113° 21.77'	2124	STS-2	Centaur	Digital	USGS
		EN[ZEN]	3					R147			
CFS	Copperton Fire Station, Copperton, UT	EN[ZEN]	3	UU	40° 33.96'	112° 05.61'	1654	EpiSensor	Etna2	Digital	ANSS
CHS	Copper Hills High School, West Jordan, UT	EN[ZEN]	3	UU	40° 35.68'	112° 01.03'	1460	EpiSensor	Etna2	Digital	ANSS
CMI	Centennial Mountains, ID	EHZ	1	RC	44° 30.99'	111° 37.05'	2267	L4C	*	Analog	BYU-I
COMI	Craters of the Moon, ID	HH[ZEN]	3	IE	43° 27.72'	113° 35.64'	1890	*	*	Digital	INL
COY	Coyote Canyon, Tooele Valley, UT	EN[ZEN]	3	UU	40° 39.56'	112° 14.34'	1572	EpiSensor	Etna2	Digital	ANSS
CRLU	Curley Ranch, La Sal, UT	EHZ	1	UU	38° 17.50'	109° 15.64'	2035	L4C	Basalt	Digital	Utah, USGS
		EN[ZEN]	3					EpiSensor			
CRMT	Chrome Mountain, MT	EHZ	1	MB	45° 27.35'	110° 08.41'	2941	*	*	Analog	MBMT
CTU	Camp Tracy, UT	HH[ZEN]	3	UU	40° 41.55'	111° 45.02'	1731	Titan	Centaur	Digital	USGS
		EN[ZEN]	3					Trillium 120			
CVH	Canyon View High School, Cedar City, UT	EN[ZEN]	3	UU	37° 42.91'	113° 03.85'	1724	PA-23	SMART-24	Digital	Utah
CVRU	Castle Valley Ranch, Emery, UT	HH[ZEN]	3	UU	38° 55.06'	111° 10.30'	1912	STS-2	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			
CWR	Coldwater Ranch, Paradise, UT	EN[ZEN]	3	UU	41° 34.90'	111° 46.89'	1837	EpiSensor	Etna2	Digital	ANSS
CWU	Camp Williams, UT	EHZ	1	UU	40° 26.75'	112° 06.13'	1945	L4C	PSN	Analog	USGS
DAU	Daniels Canyon, UT	EHZ	1	UU	40° 24.75'	111° 15.35'	2771	S13	PSN	Analog	USGS
DBD	Des Bee Dove, UT	EHZ	1	UU	39° 18.82'	111° 05.55'	2265	L4C	PSN	Analog	Utah
DCM	Dugout Coal Mine, UT	EHZ	1	UU	39° 41.70'	110° 35.00'	2537	L4C	Basalt	Digital	Utah
		EN[ZEN]	3					EpiSensor			
DCU	Deer Creek Reservoir, UT	EHZ	1	UU	40° 24.82'	111° 31.61'	1829	L4C	PSN	Analog	USGS

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

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
FPU	Francis Peak, UT	HH[ZEN]	3	UU	41° 01.58'	111° 50.21'	2816	Trillium 120	Centaur	Digital	USGS
		EN[ZEN]	3					Titan			
FSB1	FORGE surface borehole 1, UT	DN[Z12]	3	UU	38° 29.10'	112° 53.48'	1697	Titan	Centaur	Digital	Utah
		EN[Z12]	3					Compact			
		HH[Z12]	3								
FSB3	FORGE surface borehole 3, UT	DN[Z12]	3	UU	38° 30.80'	112° 52.84'	1701	Titan	Centaur	Digital	Utah
		EN[Z12]	3					Compact			
		HH[Z12]	3								
FSB4	FORGE surface borehole 4, UT	HH[Z12]	3	UU	38° 25.54'	112° 56.02'	1578	Compact	Centaur	Digital	Utah
FSB5	FORGE surface borehole 5, UT	HH[Z12]	3	UU	38° 30.19'	113° 00.83'	1474	Compact	Centaur	Digital	Utah
FSB6	FORGE surface borehole 6, UT	HH[Z12]	3	UU	38° 36.12'	112° 56.47'	1462	Compact	Centaur	Digital	Utah
FSU	Fish Springs, UT	HH[ZEN]	3	UU	39° 43.35'	113° 23.48'	1487	Trillium 120	Centaur	Digital	Utah, USGS
		EN[ZEN]	3					Titan			
FTT	Fire Training Tower, Magna, UT	EN[ZEN]	3	UU	40° 41.16'	112° 04.99'	1381	EpiSensor	Etna2	Digital	ANSS
GAWY	Genesis Alkali Granger, WY	HH[ZEN]	3	UU	41° 44.43'	109° 51.13'	2011	Trillium 120	Centaur	Digital	Utah
GBI	Big Grassy Butte, ID	HH[ZEN]	3	IE	43° 59.22'	112° 03.78'	1541	*	*	Digital	INL
GCAZ	Grand Canyon, AZ	EHZ	1	AR	36° 03.51'	112° 11.02'	2072	*	*	Analog	NAU
GMO	Grantsville Maintenance Office, Grantsville, UT	EN[ZEN]	3	UU	40° 36.04'	112° 28.48'	1320	EpiSensor	Etna2	Digital	ANSS
GMU	Granite Mountain, UT	EH[ZEN]	3	UU	40° 34.53'	111° 45.79'	1829	S13	PSN	Analog	USGS
GRR1	Grays Lake, ID	EHZ	1	IE	42° 56.28'	111° 25.32'	2207	*	*	Digital	INL
GTRI	Grays Lake, ID	HH[12]	2	IE	43° 14.64'	113° 14.46'	1547	*	*	Digital	INL
GZU	Grizzly Peak, UT	EH[ZEN]	3	UU	41° 25.53'	111° 58.50'	2646	S13	Obsidian	Digital	USGS
		EN[ZEN]	3					EpiSensor			
HAFB	Hill Air Force Base, Hill AFB, UT	EN[ZEN]	3	UU	41° 07.07'	111° 58.55'	1471	EpiSensor	Etna2	Digital	Utah
HDUT	Hyde Park, UT	HH[ZEN]	3	UU	41° 48.19'	111° 45.96'	1846	Trillium 120	Centaur	Digital	USGS
		EN[ZEN]	3					Titan			
HEB	Heber, UT	EHZ	1	UU	40° 30.09'	111° 20.15'	1925	S13	PSN	Analog	Utah
HER	Herriman Fire Station Herriman, UT	EN[ZEN]	3	UU	40° 30.94'	112° 01.85'	1502	EpiSensor	Etna2	Digital	ANSS
HES	Hooper Elementary School Hooper, UT	EN[ZEN]	3	UU	41° 09.89'	112° 07.30'	1292	EpiSensor	K2	Digital	ANSS
HHS	Hurricane High School, UT	EN[ZEN]	3	UU	37° 10.43'	113° 17.74'	987	EpiSensor	Etna2	Digital	Utah
HLID	Hailey, ID	BH[ZEN]	3	US	43° 33.75'	114° 24.83'	1772	*	*	Digital	USGS
HLJ	Hailstone, UT	HH[ZEN]	3	UU	40° 36.64'	111° 24.05'	1931	Trillium 120	Centaur	Digital	ANSS
		EN[ZEN]	3					EpiSensor			
HMU	Henry Mountain, UT	HH[ZEN]	3	UU	37° 56.28'	110° 44.51'	2430	Trillium 120	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			

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								
HVV	Hansel Valley, UT	HH[ZEN]	3	UU	41° 46.78'	112° 46.50'	1609	Trillium 120	Q330	Digital	USGS
		EN[ZEN]	3					EpiSensor			
HWUT	Hardware Ranch, UT	HH[Z12]	3	US	41° 36.41'	111° 33.91'	1830	*	*	Digital	USGS
IAE	Cedar City, Iron County Adult Education, UT	EN[ZEN]	3	UU	37° 39.91'	113° 40.02'	1807	EpiSensor	Etna2	Digital	Utah
ICF	International Center Fire Station, Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.69'	112° 01.72'	1281	EpiSensor	Etna2	Digital	ANSS
ICU	Indian Springs Canyon, UT	EHZ	1	UU	37° 08.98'	113° 55.41'	1451	S13	PSN	Analog	Utah
IMU	Iron Mountain, UT	EHZ	1	UU	38° 37.99'	113° 09.50'	1833	L4C	PSN	Analog	Utah
IMW	Indian Meadows, WY	BH[ZEN]	3	IW	43° 53.58'	110° 56.58'	2670	3ESP	RT-130	Digital	ANSS
ISCO	Idaho Springs, CO	BH[ZEN]	3	US	39° 47.98'	105° 36.80'	2743	STS-2	Q330	Digital	ANSS
JRP	Jordan River State Park Salt Lake City, UT	EN[ZEN]	3	UU	40° 49.54'	111° 56.66'	1284	EpiSensor	Etna2	Digital	ANSS
JVW2	Murray City Parkway Golf Course, Murray, UT	EN[ZEN]	3	UU	40° 37.90'	111° 55.15'	1310	EpiSensor	Etna2	Digital	ANSS
KCBD	Kane County Bus Depot, UT	EN[ZEN]	3	UU	37° 02.15'	112° 31.59'	1470	PA-23	SMART-24	Digital	Utah
KHUT	Kindman Hollow, UT	EHZ	1	UU	41° 43.29'	112° 01.78'	1829	L4C	Basalt	Digital	ANSS
		EN[ZEN]	3					EpiSensor			
KLJ	Keetley, UT	EHZ	1	UU	40° 37.85'	111° 24.30'	1992	S13	PSN	Analog	Utah
KNB	Kanab, UT	HH[ZEN]	3	UU	37° 01.00'	112° 49.34'	1715	Trillium 120	Centaur	Digital	Utah. ANSS, LLNL
		EN[ZEN]	3					EpiSensor			
LCMT	Little Creek Mountain, UT	HH[ZEN]	3	UU	37° 00.71'	113° 14.63'	1411	Trillium 120	Centaur	Digital	Utah
		EN[ZEN]	3					EpiSensor			
LCU	Little Cottonwood, UT	EN[ZEN]	3	UU	40° 34.41'	111° 47.91'	1571	EpiSensor	Etna2	Digital	ANSS
LDJ	Lady, UT	EHZ	1	UU	40° 34.89'	111° 24.52'	2217	S13	PSN	Analog	Utah
LEVU	Levan, UT	EHZ	1	UU	39° 30.39'	111° 48.88'	1996	L4C	Basalt	Digital	USGS
		EN[ZEN]	3					EpiSensor			
LGC	Lakeside Golf Course Bountiful, UT	EN[ZEN]	3	UU	40° 54.04'	111° 54.51'	1292	EpiSensor	Etna2	Digital	ANSS
LHUT	Little Humpy Peak, UT	EHZ	1	UU	40° 53.49'	110° 59.78'	3084	S13	PSN	Analog	Utah
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	HH[Z12]	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

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
LOHW	National Elk Refuge, WY	BH[Z12]	3	IW	43° 36.76'	110° 36.30'	2245	3ESP	RT-130	Digital	ANSS
LRG	Logan River Golf Course Logan, UT	EN[ZEN]	3	UU	41° 42.82'	111° 51.08'	1362	EpiSensor	Etna2	Digital	ANSS
LSU	Lake Shores, UT	EN[ZEN]	3	UU	40° 07.94'	111° 43.80'	1375	EpiSensor	Etna2	Digital	ANSS
LTU	Little Mountain, UT	EN[ZEN]	3	UU	41° 35.51'	112° 14.83'	1585	EpiSensor	Basalt	Digital	USGS
MAB	Mapleton Ambulance Building Mapleton, UT	EN[ZEN]	3	UU	40° 07.85'	111° 34.67'	1440	EpiSensor	Etna2	Digital	ANSS
MCID	Moose Creek, ID	EHZ	1	WY	44° 11.45'	111° 11.03'	2137	L4C	PSN	Analog	USGS
MCU	Monte Cristo Peak, UT	EN[ZEN]	3	UU	41° 27.70'	111° 30.45'	2664	Titan	Centaur	Digital	USGS
		HH[ZEN]	3					Trillium 120			
MGCU	Grand County Courthouse, Moab, UT	EN[ZEN]	3	UU	38° 34.46'	109° 32.89'	1241	EpiSensor	K2	Digital	Utah
MHD	Mile High Drive, UT	EHZ	1	UU	40° 39.64'	111° 48.05'	1597	Ranger	Basalt	Digital	USGS
		EN[ZEN]	3					EpiSensor			
MHS2	Milford High School, UT	EN[ZEN]	3	UU	38° 23.97'	113° 00.78'	1529	EpiSensor	Etna2	Digital	Utah
MID	Middle Canyon, UT	EN[ZEN]	3	UU	40° 31.04'	112° 15.28'	1722	EpiSensor	Etna2	Digital	ANSS
MLI	Malad Range, ID	EHZ	1	UU	42° 01.61'	112° 07.53'	1896	L4C	Basalt	Digital	USGS
		EN[ZEN]	3					EpiSensor			
MMU	Miners Mountain, UT	EN[ZEN]	3	UU	38° 11.57'	111° 17.66'	2387	Titan	Centaur	Digital	Utah, USGS
		HH[ZEN]	3					Trillium 120			
MOMT	Monida, MT	EHZ	1	MB	44° 35.60'	112° 23.66'	2220	*	*	Analog	MBMT
MOOW	Moose Ponds, WY	BH[Z12]	3	IW	43° 44.92'	110° 44.69'	2128	*	*	Digital	ANSS
MOR	Morgan, UT	EN[ZEN]	3	UU	41° 02.77'	111° 39.94'	1633	Applied Mems	ANSS-130	Digital	ANSS
MOUT	Mount Ogden, UT	EN[ZEN]	3	UU	41° 11.94'	111° 52.73'	2743	Titan	Centaur	Digital	USGS
		HH[ZEN]	3					Trillium 120			
MPU	Maple Canyon, UT	EN[ZEN]	3	UU	40° 00.93'	111° 38.00'	1909	EpiSensor	Centaur	Digital	ANSS USGS
		HH[ZEN]	3					Observer			
MSU	Marysvale, UT	EHZ	1	UU	38° 30.74'	112° 10.63'	2105	18300	PSN	Analog	Utah
MTPU	Mt. Pierson, UT	EN[ZEN]	3	UU	38° 02.49'	112° 11.06'	3112	EpiSensor	Q330	Digital	Utah
		HH[ZEN]	3					Trillium 120			
MTUT	Morton Thiokol, UT	EN[ZEN]	6	UU	41° 42.55'	112° 27.28'	1373	Titan	Centaur	Digital	USGS
MVCO	Mesa Verde, CO	BH[ZEN]	3	US	37° 12.62'	108° 29.92'	2170	STS-2	Q330	Digital	ANSS
MVU	Marysvale, UT	BH[ZEN]	3	LB	38° 30.22'	112° 12.74'	2240	*	*	Digital	Sandia
NAI	North Antelope Island, UT	EHZ	1	UU	41° 00.97'	112° 13.68'	1472	L4C	Obsidian	Digital	ANSS
		EN[ZEN]	3					EpiSensor			
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
OCF	Orem City Park, Orem, UT	EN[ZEN]	3	UU	40° 17.87'	111° 41.44'	1464	EpiSensor	Etna2	Digital	ANSS
OF2	Ogden Fire Station ° 2 Ogden, UT	EN[ZEN]	3	UU	41° 13.70'	111° 56.92'	1358	EpiSensor	Etna2	Digital	ANSS
OPS	Ogden Public Safety Building, Ogden, UT	EN[ZEN]	3	UU	41° 13.72'	111° 58.54'	1317	EpiSensor	Etna2	Digital	ANSS
OSS	Oquirrh Sub Station, UT	EN[ZEN]	3	UU	40° 33.92'	112° 01.73'	1503	EpiSensor	Etna2	Digital	ANSS
OWUT	Old Woman Plateau, UT	EHZ	1	UU	38° 46.80'	111° 25.42'	2568	L4C	PSN	Analog	Utah
PCCW	Pine Creek, Cokeville, WY	EHZ	1	UU	42° 05.97'	110° 52.36'	1996	L4C	Basalt	Digital	Utah, USGS
		EN[ZEN]	3					EpiSensor			
PCL	Plain City Landfill Plain City, UT	EN[ZEN]	3	UU	41° 18.60'	112° 06.00'	1290	EpiSensor	Etna2	Digital	ANSS
PCR	Park City Recreation Center, Park City, UT	EN[ZEN]	3	UU	40° 39.25'	111° 30.19'	2100	EpiSensor	Etna2	Digital	ANSS
PD31	PDAR Array, Pinedale, WY	BH[ZEN]	3	IM	42° 05.97'	109° 52.36'	2219	*	*	Digital	FDSN
PEUT	Pahvant Elementary School, Richfield, UT	EN[ZEN]	3	UU	38° 46.55'	112° 05.32'	1644	PA-23	SMART-24	Digital	Utah
PGAZ	Page, AZ	EHZ	1	AR	36° 54.34'	111° 16.86'	1272	*	*	Analog	NAU
PGC	Pleasant Grove Creek, UT	EN[ZEN]	3	UU	40° 22.71'	111° 42.62'	1707	EpiSensor	Etna2	Digital	ANSS
PIO	Pioche, NV	HH[ZEN]	3	NN	37° 56.83'	114° 29.48'	1887	Trillium 120	Q330	Digital	UNR
PKCU	Pink Cliffs, UT	HH[ZEN]	3	UU	37° 26.63'	112° 18.66'	2834	Trillium 120	SMART-24	Digital	Utah
		EN[ZEN]	3					PA-23			
PLID	Pearl Lake, ID	BH[Z12]	3	IW	45° 05.25'	116° 00.02'	2164	*	*	Digital	ANSS
PNSU	Preston Nutter Ranch, Sunnyside, UT	HH[ZEN]	3	UU	39° 37.67'	110° 14.74'	2743	Trillium 240	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			
PRN	Pahroc, Range, NV	HH[ZEN]	3	NN	37° 24.40'	115° 03.05'	1402	Trillium 120	ANSS-130	Digital	UNR
PSUT	Pine Spring, UT	HH[ZEN]	3	UU	38° 32.02'	113° 51.28'	1999	Trillium 120	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			
PTI	Pocatello, ID	HH[ZEN]	3	IE	42° 52.20'	112° 22.21'	1670	*	*	Digital	INL
PTU	Portage, UT	EHZ	1	UU	41° 55.76'	112° 19.48'	2192	L4C	Basalt	Digital	ANSS
		EN[ZEN]	3					EpiSensor			
PV05	E. Island Mesa, Paradox Basin, CO	HH[ZEN]	3	RE	38° 08.87'	108° 50.08'	2142	*	*	Digital	USBR
PV11	Davis Mesa, Paradox Basin, CO	HH[ZEN]	3	RE	38° 17.96'	108° 52.33'	1881	*	*	Digital	USBR
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

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
QCWC	E 2100 S, Salt Lake City, UT	HN[ZEN]	3	UU	40° 43.54'	111° 49.94'	1373	Gsig-AC63	Gsig-GMS	Digital	ANSS
QDPS	Dept of Public Safety Univ. of Utah, Salt Lake City, UT	HN[ZEN]	3	UU	40° 45.60'	111° 50.46'	1460	Gsig-AC63	Gsig-GMS	Digital	ANSS
QFTG	N 450 E St., Springville, UT	HN[ZEN]	3	UU	40° 10.42'	111° 36.12'	1395	Gsig-AC63	Gsig-GMS	Digital	ANSS
QJHW	Red Rock Ranch, Teton County, WY	HN[ZEN]	3	UU	43° 34.99'	110° 24.65'	2169	Gsig-AC63	Gsig-GMS	Digital	ANSS
QJMH	S 900 E, Salt Lake City, UT	HN[ZEN]	3	UU	40° 42.21'	111° 51.97'	1312	Gsig-AC63	Gsig-GMS	Digital	ANSS
QJOT	Whileaway Rd., Snyderville, UT	HN[ZEN]	3	UU	40° 44.50'	111° 41.68'	1977	Gsig-AC63	Gsig-GMS	Digital	ANSS
QKSL2	Lehi, UT	HN[ZEN]	3	UU	40° 15.98'	111° 50.07'	1371	Gsig-AC63	Gsig-GMS	Digital	ANSS
QLIN	884 E 490 N, Lindon, UT	HN[ZEN]	3	UU	40° 20.83'	111° 29.63'	1538	Gsig-AC63	Gsig-GMS	Digital	ANSS
QLMT	Earthquake Lake, MT	EHZ	1	MB	44° 49.84'	111° 25.80'	2064	*	*	Analog	MBMT
QMDS	S 2600 E, Salt Lake City, UT	HN[ZEN]	3	UU	40° 43.74'	111° 48.97'	1405	Gsig-AC63	Gsig-GMS	Digital	ANSS
QNRL	E 500 N, Logan, UT	HN[ZEN]	3	UU	40° 44.44'	111° 49.49'	1407	Gsig-AC63	Gsig-GMS	Digital	ANSS
QOGD	1723 N 900 E, North Ogden, UT	HN[ZEN]	3	UU	41° 17.38'	111° 57.11'	1361	Gsig-AC63	Gsig-GMS	Digital	ANSS
QPAY	N 300 E Payson, UT	HN[ZEN]	3	UU	40° 03.18'	111° 43.70'	1404	Gsig-AC63	Gsig-GMS	Digital	ANSS
QPML	S Whitesides St., Layton, UT	HN[ZEN]	3	UU	40° 03.47'	111° 57.23'	1334	Gsig-AC63	Gsig-GMS	Digital	ANSS
QRJG	N 1450 E, Provo, UT	HN[ZEN]	3	UU	40° 15.65'	111° 37.96'	1530	Gsig-AC63	Gsig-GMS	Digital	ANSS
QSAR2	Saratoga Springs, UT	HN[ZEN]	3	UU	40° 20.17'	111° 55.43'	1420	Gsig-AC63	Gsig-GMS	Digital	ANSS
QSPA	520 S, Spanish Fork, UT	HN[ZEN]	3	UU	40° 17.47'	111° 52.95'	1413	Gsig-AC63	Gsig-GMS	Digital	ANSS
QSTV	S City Vistas Way, Kearns, UT	HN[ZEN]	3	UU	40° 40.25'	112° 02.18'	1416	Gsig-AC63	Gsig-GMS	Digital	ANSS
QSUN	1412 N 350 W, Sunset, UT	HN[ZEN]	3	UU	41° 08.04'	112° 01.97'	1373	Gsig-AC63	Gsig-GMS	Digital	ANSS
R11B	Troy Canyon, Currant, NV	HH[ZEN]	3	NN	38° 20.93'	115° 35.12'	1756	STS-5A	Q330	Digital	UNR
RBU	Red Butte Canyon, UT	EHZ	1	UU	40° 46.85'	111° 48.50'	1676	L4C	Basalt	Digital	USGS
		EN[ZEN]	3					EpiSensor			
RCJ	Ross Creek, UT	EN[ZEN]	3	UU	40° 39.51'	111° 26.36'	2090	Titan	Centaur	Digital	Utah
		EN[ZEN]	3					Titan			
RDMU	Red Mountain, UT	HH[ZEN]	3	UU	40° 34.25'	109° 34.17'	2087	Trillium 120	SMART-24	Digital	Utah
		EN[ZEN]	3					PA-23			
REUT	Washington Fields, Riverside Elementary School, UT	EN[ZEN]	3	UU	37° 05.86'	113° 31.16'	791	PA-23	SMART-24	Digital	Utah
RLMT	Red Lodge, MT	BH[12Z]	3	US	45° 07.33'	109° 16.04'	2086	STS-2	Q330	Digital	ANSS
ROA	Roan Cliffs, UT	EHZ	1	UU	39° 39.69'	110° 21.88'	2962	S13	PSN	Analog	Utah
RPF	Rose Park Fire Station, Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.52'	111° 55.22'	1287	EpiSensor	Etna2	Digital	ANSS
RRCU	Rees Ranch, Coalville, UT	EHZ	1	UU	40° 53.21'	111° 26.22'	2028	L4C	Basalt	Digital	Utah, USGS
		EN[ZEN]	3					EpiSensor			
RSUT	Red Spur, UT	EHZ	1	UU	41° 38.31'	111° 25.90'	2682	S13	Basalt	Digital	USGS
		EN[ZEN]	3					EpiSensor			
SAIU	South Antelope Island, UT	EHZ	1	UU	40° 51.29'	112° 10.89'	1384	L4C	PSN	Analog	USGS
		EHZ	1					EpiSensor	Basalt	Digital	
		EN[ZEN]	3								

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
SCC	Salt Lake Community College, SLC UT Salt Lake City, UT	EN[ZEN]	3	UU	40° 40.49'	111° 56.37'	1306	EpiSensor	Etna2	Digital	ANSS
SCS	Syracuse City Cemetery Shop Syracuse, UT	EN[ZEN]	3	UU	41° 05.73'	112° 02.81'	1321	EpiSensor	Etna2	Digital	ANSS
SCUT	Santa Clara, UT	EN[ZEN]	3	UU	37° 07.69'	113° 38.68'	837	EpiSensor	Etna2	Digital	Utah
SCY	Salem City Yard, Salem, UT	EN[ZEN]	3	UU	40° 03.47'	111° 41.14'	1386	Applied Mems	ANSS-130	Digital	ANSS
SGSU	St. George Fire Station #4, UT	EN[ZEN]	3	UU	38° 16.61'	112° 38.42'	1799	PA-23	SMART-24	Digital	Utah
SGU	Sterling, UT	EN[ZEN]	3	UU	39° 10.94'	111° 38.68'	2357	Trillium 120	Centaur	Digital	USGS
		HH[ZEN]	3					Titan			
SHED	SR 201/I-80 Bridge Array, Salt Lake City, UT	HN[ZEN]	3	UU	40° 43.32'	111° 54.37'	1290	EpiSensor	K2	Digital	NSMP, ANSS
SHP	Sheep Range, NV	HH[ZEN]	3	NN	36° 30.33'	115° 09.61'	1590	Trillium 120	ANSS-130	Digital	UNR
SJF	South Jordan Fire Station, South Jordan, UT	EN[ZEN]	3	UU	40° 33.37'	111° 56.34'	1356	EpiSensor	Obsidian	Digital	ANSS
SKII	Z, ID	HH[ZEN]	3	IE	43° 19.21'	111° 55.79'	2082	*	*	Digital	INL
SMAZ	Slide Mountain, AZ	EHZ	1	AR	36° 19.29'	113° 10.14'	2200	*	*	Analog	NAU
SNO	Snow College, UT	EN[ZEN]	6	UU	39° 19.18'	111° 32.33'	2503	Titan	Centaur	Digital	Utah, USGS
SNOW	Snowking Mountain, WY	BH[ZEN]	3	IW	43° 27.75'	110° 45.31'	2390	*	*	Digital	ANSS
SNUT	Stansbury North, UT	EHZ	1	UU	40° 53.10'	112° 30.52'	1652	18300	PSN	Analog	USGS
		EHZ	1					EpiSensor	Basalt	Digital	
		EN[ZEN]	3								
SPR2	Wildlife Resource Center Springville, UT	EN[ZEN]	3	UU	40° 10.95'	111° 36.69'	1382	EpiSensor	Etna2	Digital	ANSS
SPR3	Spring Creek 3, NV	HH[ZEN]	3	NN	38° 59.93'	114° 19.88'	2815	Trillium 120	RT-130	Digital	UNR
SPS	Stansbury Park Sewage Lagoon Stansbury Park, UT	EN[ZEN]	3	UU	40° 38.97'	112° 18.95'	1293	EpiSensor	Etna2	Digital	ANSS
SPU	South Promontory Point, UT	EN[ZEN]	3	UU	41° 18.52'	112° 26.95'	2086	EpiSensor	ANSS-130	Digital	ANSS
		HH[ZEN]	3					3ESP			
SRU	San Rafael Swell, UT	EHZ	1	UU	39° 06.65'	110° 31.43'	1804	S13	PSN	Analog	Utah, ANSS, IRIS
		HH[ZEN]	6					Trillium 120	ANSS-130	Digital	
		EN[ZEN]	3					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	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			

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	Teepe Creek, MT	EHZ	1	MB	44° 43.79'	111° 39.94'	2518	*	*	Analog	MBMT
TPNV	Topopah Spring, NV	BH[ZEN]	3	US	36° 56.93'	116° 14.97'	1600	*	*	Digital	USGS
TPU	Thanksgiving Point, Lehi, UT	EN[ZEN]	3	UU	40° 25.81'	111° 54.13'	1383	EpiSensor	Etna2	Digital	ANSS
TRS	Tooele County Radio Shop, Tooele, UT	EN[ZEN]	3	UU	40° 30.83'	112° 18.63'	1568	EpiSensor	Etna2	Digital	ANSS
U15A	North Rim, AZ	HH[ZEN]	3	AE	36° 25.80'	112° 17.40'	2489	Trillium 240	Q330	Digital	AZGS
UHP	Utah Highway Patrol Farmington, UT	EN[ZEN]	3	UU	40° 59.47'	111° 53.88'	1295	EpiSensor	Etna2	Digital	ANSS
UTH	Uintah Town Hall, Uintah, UT	EN[ZEN]	3	UU	41° 08.65'	111° 55.52'	1389	EpiSensor	Etna2	Digital	ANSS
UUE	University of Utah EMCB Bldg. Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.09'	111° 50.77'	1449	EpiSensor	Etna2	Digital	ANSS
V12A	Nelson, NV	HH[ZEN]	3	NN	35° 44.00'	114° 51.07'	1098	Trillium 120	Q330	Digital	UNR
VEC	Valley Emergency Communications Center West Valley City, UT	EN[ZEN]	3	UU	40° 39.21'	112° 01.95'	1480	EpiSensor	Basalt	Digital	ANSS
VNL	Vernal, UT	EN[ZEN]	3	UU	40° 27.48'	109° 32.89'	1648	EpiSensor	Obsidian	Digital	Utah
VRUT	Veyo Road, Veyo, UT	HH[ZEN]	3	UU	37° 27.71'	113° 51.41'	1874	Trillium 120	SMART-24	Digital	Utah
		EN[ZEN]	3					PA-23			
W13A	Hualapai Mountain Park, Kingman, AZ	HH[ZEN]	3	AE	35° 06.00'	113° 53.40'	1988	3T	Q330	Digital	AZGS
WBC	Weber Canyon, UT	EN[ZEN]	3	UU	41° 08.38'	111° 54.05'	1602	EpiSensor	Etna2	Digital	ANSS
WCF	Wellsville Fire Station, Wellsville, UT	EN[ZEN]	3	UU	41° 38.37'	111° 55.94'	1387	EpiSensor	Etna2	Digital	ANSS
WCO	Washington City Office Building, UT	EN[ZEN]	3	UU	37° 07.91'	113° 30.56'	837	EpiSensor	Etna2	Digital	Utah

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					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					Basalt	Digital		
		EN[ZEN]	3								
WPUT	Wasatch Plateau, UT	HH[ZEN]	3	UU	38° 59.85'	111° 21.53'	2618	Trillium 120	Taurus	Digital	Utah
WRP	Water Reclamation Plant Salt Lake City, UT	EN[ZEN]	3	UU	40° 48.82'	111° 55.87'	1286	EpiSensor	Etna2	Digital	ANSS
WTNK	7433 Soaring Heights, NV	HH[ZEN]	3	NN	36° 11.50'	115° 00.64'	676	3ESP	ANSS-130	Digital	UNR
WTU	Western Traverse Mountains, UT	EH[ZEN]	3	UU	40° 27.29'	111° 57.21'	1552	S13	PSN	Analog	USGS
		EN[ZEN]	3					EpiSensor	Etna2	Digital	
WUAZ	Wupatki, AZ	BH[ZEN]	3	US	35° 31.01'	111° 22.43'	1592	*	*	Digital	USGS
WVUT	Wellsville, UT	EN[ZEN]	6	UU	41° 36.61'	111° 57.55'	1828	Titan	Centaur	Digital	USGS
YDC	Denny Creek, MT	HH[ZEN]	3	WY	44° 42.51'	111° 14.60'	2025	Trillium 120	Centaur	Digital	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	HH[ZEN]	3	WY	44° 47.77'	111° 06.45'	2075	Trillium 120	Centaur	Digital	USGS
YHB	Horse Butte, MT	HH[ZEN]	3	WY	44° 45.07'	111° 11.71'	2157	Compact	Centaur	Digital	USGS
		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	Centaur	Digital	
		EN[ZEN]	3					Titan			
YHL	Hebgen Lake, MT	HH[ZEN]	3	WY	44° 51.05'	111° 10.98'	2691	Trillium 120	Q330	Digital	USGS
		EN[ZEN]	3					Titan			
YHR	Hawk's Rest, WY	HH[ZEN]	3	WY	44° 06.36'	110° 04.90'	2976	Trillium 120	Q330	Digital	USGS
YJC	Joseph's Coat (YNP), WY	HH[ZEN]	3	WY	44° 45.33'	110° 20.95'	2684	Trillium 120	Centaur	Digital	USGS
YLA	Lake Butte (YNP), WY	EHZ	1	WY	44° 30.76'	110° 16.12'	2580	L4C	PSN	Analog	USGS
YLT	Little Thumb Creek (YNP), WY	EHZ	1	WY	44° 26.25'	110° 35.28'	2439	L4C	PSN	Analog	USGS
YMC	Maple Creek (YNP), WY	EH[ZEN]	3	WY	44° 45.53'	111° 00.41'	2073	S13	PSN	Analog	USGS
YML	Mary Lake (YNP), WY	EH[ZEN]	3	WY	44° 36.20'	110° 38.63'	2653	L4C	PSN	Analog	USGS

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
YMP	Mirror Plateau (YNP), WY	EHZ	1	WY	44° 44.38'	110° 09.40'	2774	S13	PSN	Analog	USGS
		HH[ZEN]	3					Trillium 120	Q330	Digital	
		EN[ZEN]	3					Titan			
YMR	Madison River (YNP), WY	HH[ZEN]	3	WY	44° 40.12'	110° 57.90'	2149	Trillium 120	Q330	Digital	USGS
		EN[ZEN]	3					Titan			
YMS	Mount Sheridan (YNP), WY	EHZ	1	WY	44° 15.84'	110° 31.67'	3106	L4C	PSN	Analog	USGS
YMV	Mammoth Vault (YNP), WY	HH[ZEN]	3	WY	44° 58.42'	110° 41.33'	1829	Trillium 120	Centaur	Digital	USGS
YNB	Norris Basin, YNP, WY, USA	HH[ZEN]	3	WY	44° 43.64'	110° 42.67'	2307	Trillium 120	Centaur	Digital	USGS
YNE	Northeast Entrance (YNP), WY	HH[ZEN]	3	WY	45° 00.46'	110° 00.48'	2343	Compact	ANSS-130	Digital	USGS
YNM	Norris Museum (YNP), WY	HH[ZEN]	3	WY	44° 43.59'	110° 42.22'	2311	Trillium 240	Centaur	Digital	USGS
YNR	Norris Junction (YNP), WY	HH[ZEN]	3	WY	44° 42.93'	110° 40.75'	2336	Trillium 120	Q330	Digital	USGS
		EN[ZEN]	3					Titan			
YPC	Pelican Cone (YNP), WY	EHZ	1	WY	44° 38.88'	110° 11.55'	2932	L4C	PSN	Analog	USGS
YPK	Parker Peak (YNP), WY	EH[ZEN]	3	WY	44° 43.91'	109° 55.32'	2897	L4C	PSN	Analog	USGS
YPM	Purple Mountain (YNP), WY	EHZ	1	WY	44° 39.43'	110° 52.12'	2582	L4C	PSN	Analog	USGS
YPP	Pitchstone Plateau (YNP), WY	HH[ZEN]	3	WY	44° 16.26'	110° 48.27'	2707	Trillium 120	Centaur	Digital	USGS
		EN[ZEN]	3					Titan			
YTP	The Promontory (YNP), WY	EHZ	1	WY	44° 23.51'	110° 17.10'	2384	L4	PSN	Analog	USGS
		HH[ZEN]	3					Trillium 120	Centaur	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	HH[ZEN]	3	WY	44° 36.35'	111° 06.05'	2310	Trillium 120	Centaur	Digital	USGS
ZNPU	Zion National Park, UT	HH[ZEN]	3	UU	37° 21.37'	113° 07.52'	1953	Trillium 120	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			

* Station operated by another agency and recorded as part of University of Utah regional seismic network
Network Statistics: 1,106 data channels from 320 stations were being recorded at the end of this report period

EXPLANATION OF TABLE

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

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

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

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

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

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

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

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

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

Number of Channels: Total number of waveform channels recorded.

Network Code: The FDSN (Federation of Digital Seismographic Networks) registered network code. See <<http://www.iris.edu/dms/nodes/dmc/services/network_codes>> for information about registered seismograph network codes. Network codes referenced in this table:

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

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

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

Elevation: Sensor altitude in meters above sea level.

Sensor	Description
L4, L4C	Mark Products L4 or L4C short-period seismometer
S13, 18300	Geotech S13 or 18300 short-period seismometer
Ranger	Kinematics Ranger short-period seismometer
40T	Guralp CMG-40T broadband seismometer
3T	Guralp CMG-3T broadband seismometer
3ESP	Guralp CMG-3ESP broadband seismometer
STS-2	Streckheisen STS-2 broadband seismometer
STS-5A	Streckheisen STS-5A broadband seismometer
FBA23	Kinematics FBA-23 accelerometer
EpiSensor	Kinematics EpiSensor accelerometer
Applied Mems	Applied Mems accelerometer
PA-23	Geotech PA-23 accelerometer
Compact	Nanometrics Compact broadband seismometer
Trillium 120	Nanometrics Trillium 120 broadband seismometer
Trillium 240	Nanometrics Trillium 240 broadband seismometer
Titan	Nanometrics Titan accelerometer
Observer	Refraction Technology (REF TEK) Model 151 Observer broadband seismometer
R147	Refraction Technology (REF TEK) Model 147 accelerometer
IESE-S2	Institute of Earth Science and Engineering S-2 model borehole seismometer
Gsig-AC63	Geosig-AC63 NetQuakes accelerometer
Omni-2400	Geospace OMNI-2400
Silicon-ULN	Silicon Audio Ultra Low Noise
Digitizer	Description
K2	Kinematics Altus Series K2 (19-bit resolution field digitizer)
Etna	Kinematics Altus Series Etna (18-bit resolution field digitizer)

72A-07	Refraction Technology (REF TEK) model 72A-07 (24-bit field digitizer)
72A-08	Refraction Technology (REF TEK) model 72A-08 (24-bit field digitizer)
ANSS-130	Refraction Technology (REF TEK) model 130-ANSS/02 (24-bit resolution field digitizer)
RT-130	Refraction Technology (REF TEK) model RT-130 (24-bit resolution field digitizer)
Q330	Quanterra, Inc. Q330 digitizer (24-bit resolution field digitizer)
SMART-24	Geotech SMART-24 digitizer (24-bit resolution field digitizer)
PSN	PSN-ADC-SERIAL version III (16-bit resolution field digitizer)
Basalt	Kinematics 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	Kinematics Obsidian (24-bit resolution field digitizer)
Etna2	Kinematics 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, 2024

July 16	YDC EHZ closed
July 16	YWB EHZ closed
July 17	YGC EHZ closed
July 17	YHB EHZ closed
July 30	YDC HH[EZH] installed

July 30	YGC HH[EZH] installed
July 31	YWB HH[EZH] installed
September 10	FSB2 closed
September 24	YSB closed
September 28	YPP EHZ closed