

EARTHQUAKE ACTIVITY IN THE UTAH REGION

Preliminary Epicenters

January 1 – March 31, 2020

Prepared by the University of Utah Seismograph Stations and funded by
the U.S. Geological Survey (Cooperative Agreement No. G15AC00028) and
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June 30, 2020

Foreword and Data Explanation

This report contains an epicenter map (Figure 1) and listings of earthquakes (Tables 1 and 2) detected and located in the Utah region (lat. 36° 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 MST through 02:00 (2:00 a.m.) on March 8 and MDT thereafter.
- Earthquake location coordinates in degrees and minutes of north latitude and west longitude, and depth in kilometers below sea level. Note that prior to October 1, 2012, the earthquake depths in these quarterly reports were computed relative to a datum of 1500 m above sea level.
- "*" indicates poor depth resolution: no recording stations within 10 km or twice the depth.
- MAG, the computed Richter local magnitude (M_L) for each earthquake. "W" indicates that peak amplitude measurements from Wood-Anderson records were used. Otherwise, the estimate is calculated from signal durations and is more correctly identified as coda magnitude (M_C). The notation "--" indicates that a reliable magnitude estimate could not be made.
- NO, the number of P and S readings used in the solution.
- GAP, the largest azimuthal separation in degrees between recording stations used in the solution.
- DMN, the epicentral distance in kilometers to the closest station.
- RMS, the weighted root-mean-square of the travel-time residuals in seconds:

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

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

EARTHQUAKE ACTIVITY IN THE UTAH REGION
January 1 – March 31, 2020

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During the three-month period January 1, 2020, through March 31, 2020, the University of Utah Seismograph Stations (UUSS) located 2,075 earthquakes within the Utah region (Figure 1). The total includes one earthquake in the magnitude 5 range, four earthquakes in the magnitude 4 range, 38 earthquakes in the magnitude 3 range, and 164 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 2020 that were either felt in the Utah region or for which a ShakeMap was produced, or both). Note: starting March 18 an intense earthquake sequence occurred next to the city of Magna, Utah. There were many events reported felt. In Table 1 we only included the mainshock and two aftershocks with magnitude larger than M_w 4. Additional information on earthquakes within the Utah region is available from the University of Utah Seismograph Stations.

Online Information

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

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

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

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

Earthquakes of Magnitude 3.0 or Larger

M _L 3.9	January 16	19:31 MST	7 mi NNE of Minersville, UT
M _L 3.1	January 24	07:41 MST	11 mi W of Garland, UT
M _L 3.0	March 5	21:28 MST	11 mi SW of Corinne, UT
M _L 3.0	March 5	21:29 MST	11 mi SW of Corinne, UT
M _W 5.7	March 18	07:09 MDT	3 mi N of Magna, UT
M _C 3.9	March 18	07:10 MDT	3 mi N of Magna, UT
M _C 4.0	March 18	07:10 MDT	3 mi N of Magna, UT
M _C 4.2	March 18	07:10 MDT	1 mi NNW of Magna, UT
M _C 3.7	March 18	07:11 MDT	3 mi NNE of Magna, UT
M _C 3.2	March 18	07:11 MDT	4 mi N of Magna, UT
M _C 3.0	March 18	07:11 MDT	4 mi NNW of Magna, UT
M _C 3.1	March 18	07:11 MDT	2 mi NW of Magna, UT
M _C 3.7	March 18	07:14 MDT	4 mi NNE of Magna, UT
M _L 3.7	March 18	07:15 MDT	4 mi NNE of Magna, UT
M _L 3.4	March 18	07:15 MDT	4 mi NE of Magna, UT
M _L 3.1	March 18	07:16 MDT	4 mi NNE of Magna, UT
M _L 3.4	March 18	07:16 MDT	4 mi N of Magna, UT
M _L 3.2	March 18	07:18 MDT	4 mi NNE of Magna, UT
M _L 3.7	March 18	07:22 MDT	4 mi NNE of Magna, UT
M _L 3.7	March 18	07:23 MDT	3 mi N of Magna, UT
M _L 3.1	March 18	07:29 MDT	4 mi NNE of Magna, UT
M _L 3.1	March 18	07:31 MDT	4 mi NNE of Magna, UT
M _L 3.9	March 18	07:32 MDT	4 mi NNE of Magna, UT
M _L 3.5	March 18	07:36 MDT	3 mi NNE of Magna, UT
M _L 3.1	March 18	07:48 MDT	1 mi NNE of Magna, UT
M _W 4.6	March 18	08:02 MDT	4 mi NNE of Magna, UT
M _L 3.4	March 18	08:05 MDT	4 mi NNE of Magna, UT
M _L 3.4	March 18	08:06 MDT	2 mi NNE of Magna, UT
M _L 3.0	March 18	08:07 MDT	4 mi NNE of Magna, UT
M _L 3.6	March 18	08:57 MDT	4 mi NNE of Magna, UT
M _L 3.1	March 18	11:16 MDT	4 mi NE of Magna, UT
M _L 3.1	March 18	11:17 MDT	4 mi NE of Magna, UT
M _L 3.0	March 18	12:30 MDT	4 mi NE of Magna, UT
M _L 3.4	March 18	13:07 MDT	4 mi NNE of Magna, UT
M _W 4.6	March 18	13:12 MDT	4 mi NNE of Magna, UT
M _L 3.0	March 18	20:34 MDT	3 mi NNE of Magna, UT
M _L 3.2	March 19	06:44 MDT	4 mi NE of Magna, UT
M _L 3.1	March 19	06:45 MDT	4 mi NE of Magna, UT
M _L 3.4	March 21	10:59 MDT	3 mi NNE of Magna, UT
M _L 3.9	March 22	19:17 MDT	6 mi NNE of Magna, UT
M _L 3.1	March 24	05:42 MDT	6 mi NNE of Magna, UT
M _L 3.3	March 26	10:12 MDT	4 mi W of Salt Lake City, UT
M _L 3.0	March 26	10:21 MDT	4 mi W of Salt Lake 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 29 earthquakes ($0.2 \leq M \leq 3.0$) occurred about 11 mi SW of Corrine, UT. Twelve of these events, including a magnitude 3.0 shock, occurred on March 6.
- B. A cluster of 1610 earthquakes ($-0.6 \leq M \leq 5.7$) occurred about 5 mi NE of Magna, UT. 495 of these events, including a magnitude 5.7 shock, occurred on March 18.
- C. A cluster of 12 earthquakes ($0.3 \leq M \leq 1.4$) occurred about 17 mi SSW of Kanosh, UT. Three of these events, including a magnitude 1.4 shock, occurred between February 19 and February 24.
- D. A cluster of 101 earthquakes ($-1.0 \leq M \leq 1.1$) occurred about 11 mi NE of Milford, UT. Eleven of these events, including a magnitude 1.1 shock, on March 7.
- E. A cluster of 62 earthquakes ($-0.1 \leq M \leq 3.9$) occurred about 7 mi NNE of Minersville, UT. 28 of these events, including a magnitude 3.9 shock, on January 17.

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 67 located shocks ($0.8 \leq M \leq 2.3$) that occurred during the report period

Seismicity of the Utah Region January 1, 2020 - March 31, 2020

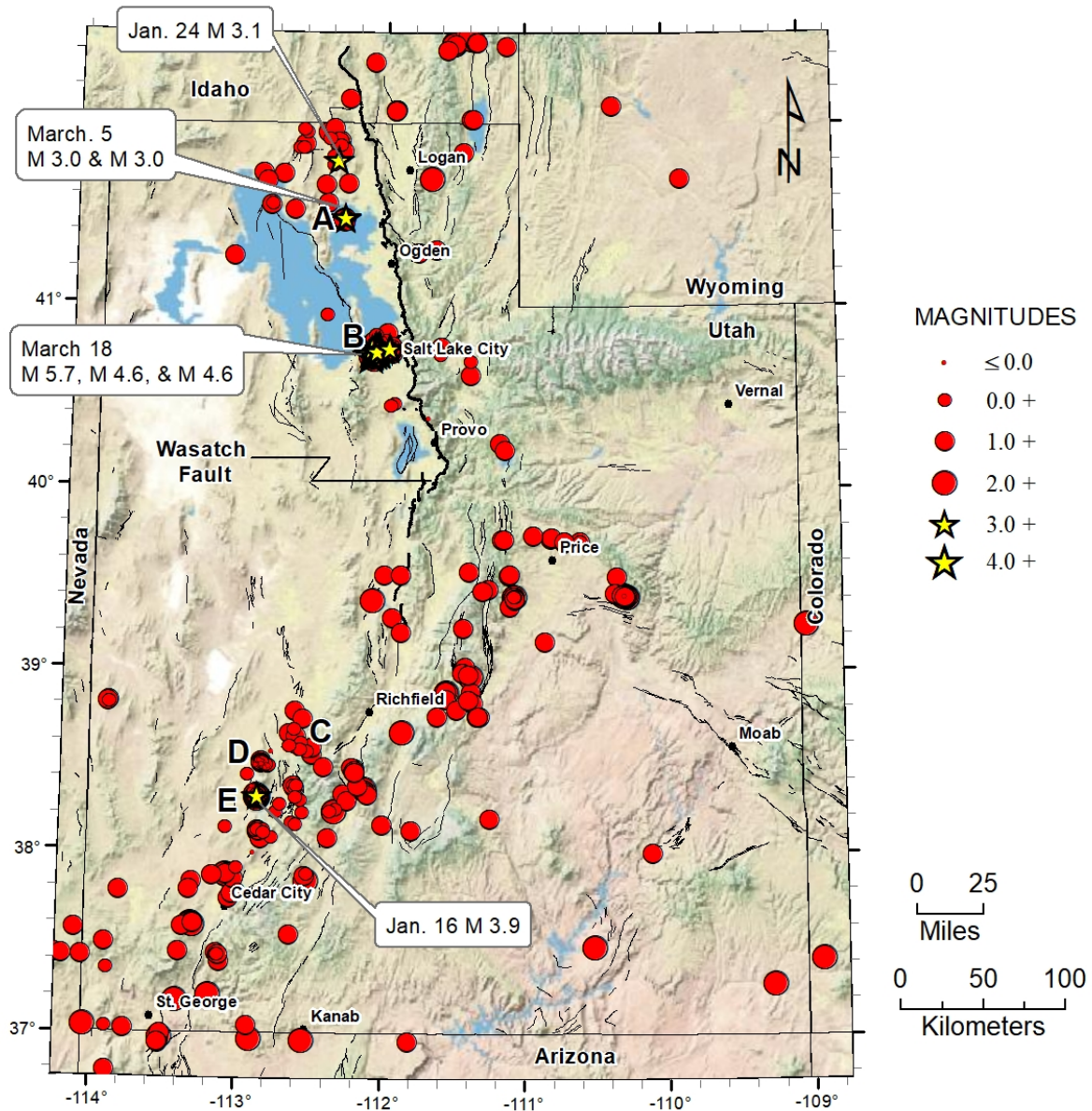


Figure 1. Earthquake epicenters, located by the University of Utah Seismograph Stations, superimposed on a map of Quaternary (geologically young) faults compiled by the Utah Geological Survey (black lines). The Wasatch fault is shown in bold. Earthquakes of magnitude 3.0 and larger are labeled by local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

Table 1

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

January 1, 2020 to December 31, 2020

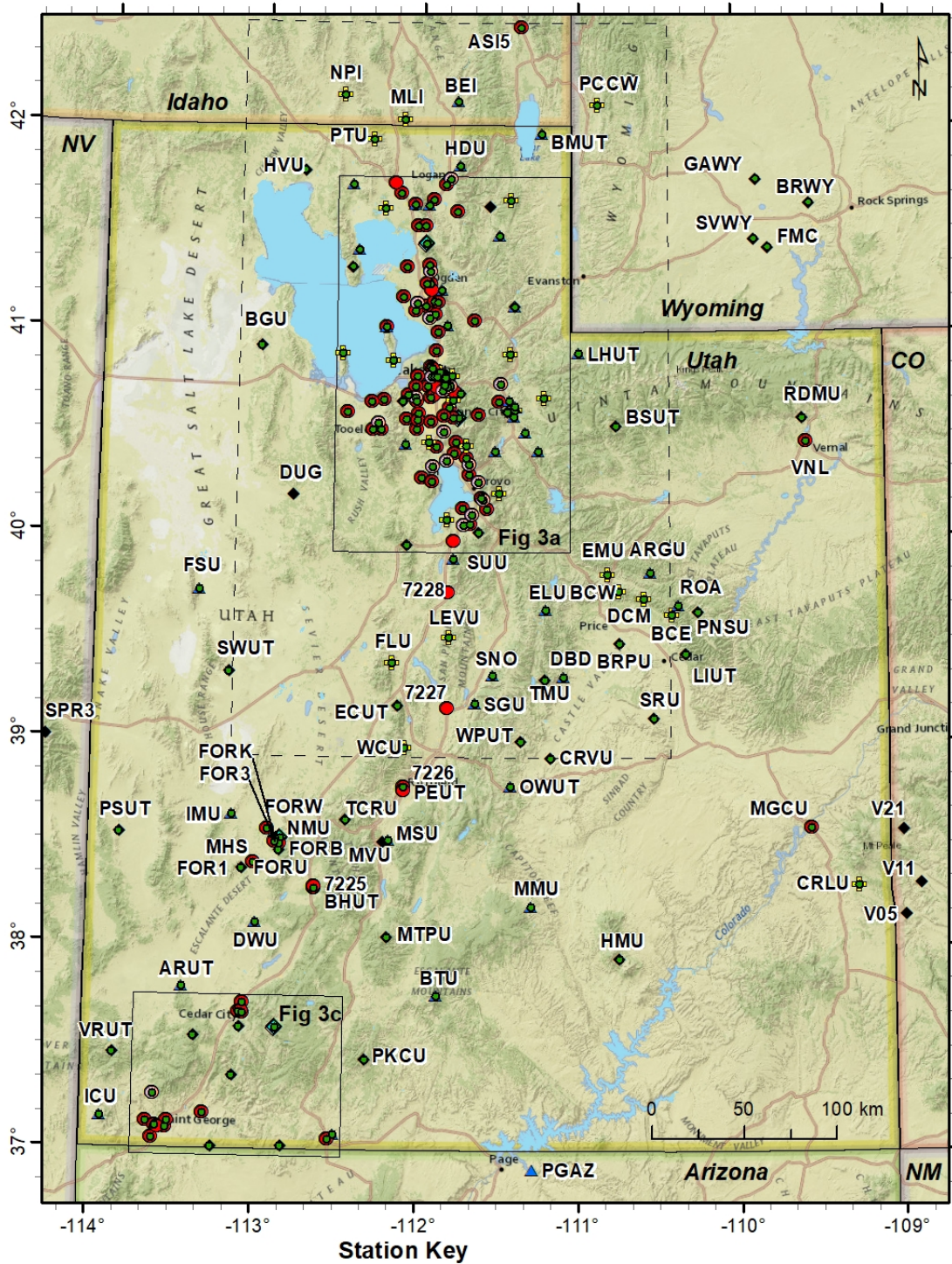
Date and Time†	Felt Information‡	Latitude	Longitude	Magnitude§
2020-01-16 19:31:11 MST 2020-01-17 02:31:11 UTC	DYFI ShakeMap	38° 17.96'	112° 51.85'	M _L 3.9
2020-01-24 07:41:28 MST 2020-01-24 14:41:28 UTC	DYFI ShakeMap	41° 47.67'	112° 21.64'	M _L 3.1
2020-03-05 21:28:59 MST 2020-03-06 04:28:59 UTC	DYFI ShakeMap	41° 28.81'	112° 17.99'	M _L 3.0
2020-03-18 07:09:31 MDT 2020-03-18 13:09:31 UTC	DYFI ShakeMap	40° 45.06'	112° 04.70'	M _w 5.7 NEIC
2020-03-18 08:02:12 MDT 2020-03-18 14:02:12 UTC	DYFI ShakeMap	40° 45.63'	112° 04.16'	M _w 4.6
2020-03-18 13:12:23 MDT 2020-03-18 19:12:23 UTC	DYFI ShakeMap	40° 45.06'	112° 03.54'	M _w 4.6

† 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 March 31, 2020



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

Figure 2

Utah Urban Seismic Network (March 31, 2020)

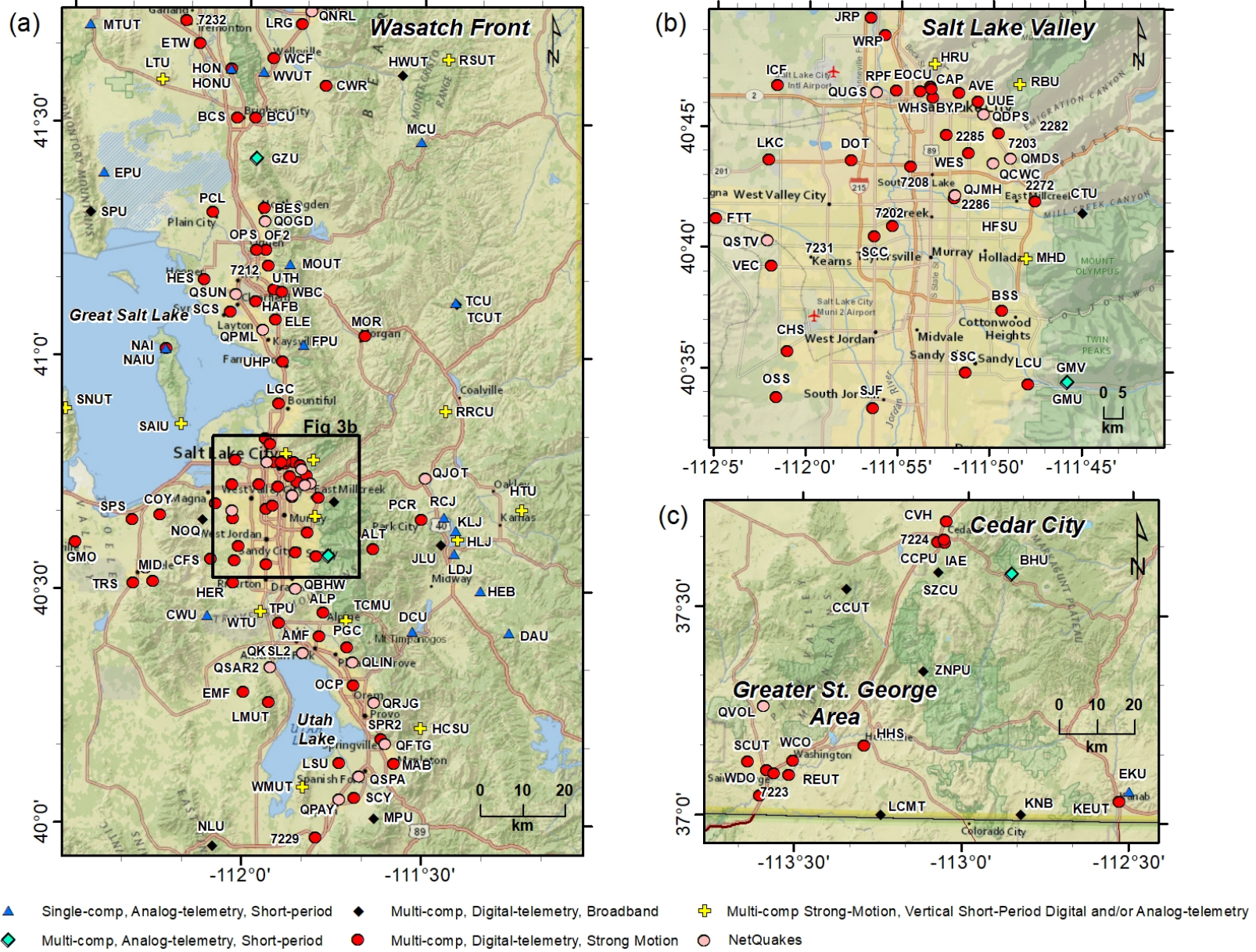


Figure 3

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200101	17:07:42.13	40° 46.14'	111° 36.06'	10.3	1.3	17	80	15	0.10
200102	08:13:15.64	38° 49.19'	111° 22.03'	-3.3	1.4W	8	117	7	0.07
200103	12:57:52.98	38° 07.45'	113° 05.16'	7.7	0.7	10	139	8	0.09
200103	12:59:25.82	41° 27.97'	112° 18.91'	0.5*	1.3	11	120	11	0.17
200103	22:38:48.76	37° 12.36'	113° 10.91'	22.0	2.0W	17	70	17	0.16
200104	07:45:01.93	38° 52.54'	111° 32.98'	19.3	2.4W	28	53	15	0.19
200104	08:29:53.86	38° 52.96'	111° 33.35'	21.2	1.8W	20	51	16	0.14
200104	08:40:37.95	37° 52.53'	112° 31.12'	7.2*	0.9	13	80	35	0.20
200104	20:48:07.20	41° 15.99'	113° 06.12'	7.4*	1.4	13	215	39	0.10
200105	00:17:23.26	37° 25.14'	114° 03.94'	5.6*	1.6W	12	113	19	0.20
200105	00:24:22.19	41° 28.14'	112° 19.59'	-0.3*	0.9	13	94	11	0.12
200105	06:08:14.92	39° 17.09'	111° 56.28'	4.1*	1.3	8	129	23	0.17
200105	06:25:58.98	37° 28.58'	110° 30.95'	-2.5*	2.0	8	171	55	0.18
200105	12:00:04.35	40° 14.63'	111° 10.49'	22.6	1.9	12	83	20	0.21
200105	13:00:53.40	37° 16.47'	109° 16.49'	4.1*	2.0	9	129	70	0.18
200106	10:52:41.86	36° 57.00'	113° 30.76'	3.4*	1.5	10	185	25	0.15
200107	01:52:39.53	37° 51.80'	113° 04.10'	12.6*	2.8W	25	43	28	0.18
200107	11:10:24.72	38° 52.43'	111° 22.61'	-1.8*	1.5	9	128	11	0.07
200107	11:57:36.36	38° 19.64'	112° 07.52'	6.6*	1.5W	18	52	32	0.21
200108	05:05:15.60	38° 18.54'	112° 06.27'	16.8	1.1	11	138	31	0.14
200109	03:26:12.90	38° 16.66'	112° 14.72'	7.9*	1.3W	17	71	27	0.14
200109	19:16:06.70	38° 39.23'	111° 51.87'	15.4*	2.0W	20	70	40	0.15
200110	10:09:07.96	38° 35.57'	112° 33.93'	1.7	0.7	12	162	10	0.08
200110	11:51:50.08	37° 49.66'	113° 18.95'	2.5*	1.5	10	101	12	0.26
200110	12:18:19.35	37° 47.27'	113° 19.73'	0.3	1.2	11	96	10	0.19
200111	00:55:29.37	38° 28.87'	112° 50.41'	0.2	-0.4	12	229	3	0.08
200111	23:54:31.29	36° 57.42'	111° 48.59'	6.0*	1.6	7	177	63	0.31
200112	04:24:35.97	39° 24.82'	110° 17.43'	3.5*	1.9	11	185	24	0.17
200112	08:01:02.33	36° 56.44'	113° 31.01'	6.4*	1.4	11	175	17	0.19
200113	05:47:36.54	38° 12.98'	112° 19.96'	2.7*	2.0W	14	139	23	0.10
200113	22:01:58.02	38° 17.66'	112° 36.35'	0.9	0.0	10	111	4	0.15
200114	05:53:06.62	40° 45.46'	111° 37.91'	9.6	0.1	9	127	12	0.03
200114	10:25:55.38	38° 19.62'	112° 06.17'	5.5*	1.6W	16	136	32	0.17
200115	02:38:40.01	38° 33.42'	112° 35.02'	1.6*	0.8	10	163	13	0.04
200115	15:17:59.12	37° 51.81'	112° 32.15'	6.2*	1.8W	20	77	37	0.18
200115	21:19:42.34	38° 18.85'	112° 16.25'	9.2*	1.3W	11	86	31	0.12
200115	22:33:51.67	40° 37.15'	111° 23.16'	-0.8	1.0	5	139	2	0.04
200115	23:19:22.64	37° 01.62'	113° 53.26'	12.0	0.8	7	202	14	0.07
200117	02:31:11.73	38° 17.96'	112° 51.85'	11.8	3.9W	28	64	18	0.21
200117	02:36:37.61	38° 17.82'	112° 52.04'	4.9*	0.4	10	163	18	0.05
200117	02:40:04.69	38° 18.09'	112° 52.09'	10.1	1.7	14	79	17	0.14
200117	02:43:38.84	38° 18.50'	112° 52.15'	7.3*	0.4	8	160	17	0.03
200117	02:45:01.89	38° 17.73'	112° 51.82'	4.8*	1.5	9	164	18	0.06
200117	03:17:34.05	38° 17.65'	112° 51.90'	2.6*	-0.1	10	164	18	0.05
200117	03:47:01.50	38° 17.82'	112° 52.05'	7.3*	0.5	7	163	18	0.03

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200117	04:04:43.46	38° 17.75'	112° 51.86'	2.5*	0.8	9	163	18	0.05
200117	04:14:32.31	38° 17.70'	112° 51.95'	3.6*	0.7	10	163	18	0.07
200117	04:17:45.85	38° 21.33'	112° 53.53'	14.4	-0.1	9	146	12	0.15
200117	04:36:36.52	38° 17.15'	112° 51.78'	1.6*	0.6	7	166	19	0.05
200117	05:32:42.69	38° 17.48'	112° 51.29'	3.7*	1.7	21	45	19	0.13
200117	05:33:18.24	38° 52.71'	111° 32.63'	20.3	1.9W	17	76	15	0.13
200117	07:43:12.74	38° 18.33'	112° 52.26'	7.8*	0.6	10	160	17	0.05
200117	07:54:37.66	38° 17.96'	112° 51.97'	4.3*	0.6	7	163	18	0.04
200117	08:49:14.60	38° 17.53'	112° 51.65'	1.6*	0.4	6	166	18	0.04
200117	09:41:34.40	38° 17.60'	112° 51.83'	5.3*	1.0	15	80	18	0.13
200117	09:42:16.70	38° 17.88'	112° 52.08'	5.8*	--	9	242	18	0.07
200117	09:42:19.84	38° 17.70'	112° 51.84'	3.1*	1.4	12	94	18	0.12
200117	12:19:56.16	38° 17.84'	112° 52.05'	4.6*	0.6	10	163	18	0.05
200117	14:34:22.06	38° 20.18'	112° 07.39'	2.5*	1.5	23	133	33	0.22
200117	14:54:44.61	38° 17.63'	112° 51.83'	2.8*	1.2	23	68	18	0.15
200117	14:54:47.62	38° 17.33'	112° 51.93'	2.6*	1.6	12	142	22	0.14
200117	15:49:17.62	38° 18.02'	112° 52.04'	5.1*	1.0	9	93	18	0.04
200117	15:50:53.85	38° 19.43'	112° 53.17'	12.4	0.9	11	90	15	0.14
200117	15:51:23.61	38° 18.31'	112° 52.37'	7.4*	0.3	8	160	17	0.03
200117	16:56:46.15	38° 17.83'	112° 52.02'	7.5*	1.5	18	79	18	0.13
200117	16:58:55.27	38° 17.99'	112° 52.15'	7.2*	0.9	11	162	18	0.08
200117	17:35:20.07	38° 18.05'	112° 52.02'	4.6*	0.8	8	162	18	0.03
200117	18:56:29.21	38° 13.64'	112° 19.45'	5.7*	0.9	11	163	24	0.21
200117	21:09:17.40	38° 17.12'	112° 51.67'	2.7*	0.3	10	97	19	0.09
200118	09:31:56.53	38° 18.10'	112° 52.10'	4.5*	0.5	9	162	17	0.06
200118	12:29:49.16	38° 18.08'	112° 52.09'	6.0*	0.3	9	162	17	0.04
200118	12:30:12.43	38° 25.08'	112° 56.33'	15.9	0.2	7	167	8	0.04
200118	13:05:51.93	38° 17.87'	112° 52.62'	10.0	2.8W	25	64	18	0.20
200118	15:05:44.24	38° 18.10'	112° 52.03'	5.1*	0.3	7	162	17	0.03
200118	15:52:32.08	42° 08.01'	112° 16.64'	2.9*	1.3	17	138	17	0.14
200118	17:01:21.39	38° 18.07'	112° 52.16'	6.1*	1.2	10	83	18	0.03
200118	17:24:54.44	38° 04.26'	112° 22.52'	5.2*	1.4	15	100	17	0.26
200118	18:20:28.16	38° 18.12'	112° 52.32'	7.8*	1.1	14	79	17	0.07
200118	19:37:57.59	38° 43.77'	112° 33.47'	0.8*	1.6	14	124	16	0.13
200119	00:19:53.72	41° 58.21'	112° 23.60'	9.0*	1.0	16	98	22	0.14
200119	00:21:21.98	38° 17.91'	112° 52.04'	6.4*	1.3	15	83	18	0.15
200119	02:07:20.33	38° 18.09'	112° 52.14'	6.7*	0.7	8	162	17	0.03
200119	04:41:36.88	38° 17.97'	112° 52.05'	5.3*	0.2	9	162	18	0.07
200119	09:08:33.96	38° 18.04'	112° 52.06'	5.6*	0.8	10	93	18	0.04
200119	10:39:33.93	38° 18.10'	112° 52.08'	5.6*	0.4	9	162	17	0.03
200119	14:30:47.01	38° 18.01'	112° 52.05'	5.8*	0.2	9	162	18	0.03
200119	14:37:20.50	38° 18.01'	112° 52.13'	5.8*	0.4	11	162	18	0.04
200119	15:03:44.39	38° 18.43'	112° 52.62'	11.7	2.4W	18	67	17	0.12
200119	15:55:45.84	38° 18.03'	112° 51.81'	7.8*	0.5	9	163	18	0.08
200119	23:04:34.77	38° 21.36'	112° 53.96'	13.6	--	7	221	12	0.03

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200119	23:04:36.48	38° 19.53'	112° 52.99'	10.2	-0.1	8	153	15	0.05
200119	23:40:42.13	38° 18.24'	112° 52.37'	7.9*	0.8	10	160	17	0.05
200120	15:51:30.56	38° 17.70'	112° 51.73'	4.7*	2.0W	25	57	18	0.18
200120	16:18:38.82	36° 57.79'	112° 53.76'	17.5	2.6W	14	80	9	0.11
200121	05:28:49.95	38° 57.82'	111° 22.85'	-1.7	2.1	7	126	4	0.09
200121	05:40:38.04	38° 18.08'	112° 52.42'	8.5*	1.0	15	92	18	0.04
200121	07:12:43.14	42° 25.30'	111° 07.80'	12.0*	1.8W	10	146	38	0.15
200121	07:27:36.05	38° 17.69'	112° 51.95'	6.4*	1.4	13	80	18	0.13
200122	07:36:06.87	38° 17.99'	112° 52.06'	5.1*	0.3	7	162	18	0.03
200122	12:59:10.54	38° 18.06'	112° 52.12'	5.7*	0.5	9	162	18	0.03
200122	15:27:05.01	38° 58.91'	111° 26.57'	-1.1	1.2W	13	77	7	0.18
200122	16:12:14.22	37° 35.93'	113° 18.09'	7.5	1.2	8	121	8	0.08
200122	16:50:42.13	37° 35.84'	113° 18.70'	10.0	2.4W	21	47	7	0.17
200122	16:51:26.63	37° 35.33'	113° 17.97'	8.8	2.0W	12	87	7	0.22
200122	23:30:25.04	39° 23.88'	111° 04.63'	-0.8	0.9W	14	112	9	0.09
200123	00:51:55.31	37° 35.79'	113° 18.62'	9.3	2.1W	22	49	7	0.15
200123	05:03:10.86	38° 32.85'	112° 31.46'	4.7	0.6	10	208	10	0.09
200123	17:48:35.65	38° 17.90'	112° 51.96'	5.7*	1.0	19	85	18	0.10
200123	23:02:10.93	39° 23.13'	111° 04.27'	1.7	1.2W	11	108	8	0.08
200124	00:00:28.79	38° 08.84'	111° 59.65'	1.8*	1.5W	15	67	20	0.23
200124	02:28:11.47	37° 54.31'	113° 00.36'	16.2	0.7	8	161	22	0.06
200124	07:37:55.46	41° 43.12'	112° 45.27'	3.9	1.0	14	151	7	0.13
200124	12:30:14.14	37° 45.89'	113° 02.11'	-0.4*	1.5	18	49	11	0.21
200124	14:41:28.81	41° 47.67'	112° 21.64'	7.2*	3.1W	38	74	16	0.16
200124	19:20:30.21	38° 06.83'	111° 47.62'	9.2*	1.9W	19	90	35	0.24
200125	04:33:40.98	36° 56.60'	113° 31.49'	6.2*	1.3	15	175	26	0.27
200125	04:51:15.73	38° 28.84'	112° 50.62'	0.1	-0.6	11	254	3	0.11
200125	05:43:26.65	41° 40.73'	112° 52.36'	5.6*	1.0	12	200	14	0.14
200125	05:48:49.90	38° 28.83'	112° 51.04'	-0.1	0.2	15	135	1	0.13
200125	05:54:18.79	38° 29.04'	112° 50.15'	0.1	0.0	11	237	3	0.10
200125	05:54:27.32	38° 29.06'	112° 50.47'	-0.5	-0.3	12	224	3	0.10
200125	06:00:15.26	38° 28.88'	112° 50.93'	-0.2	0.3	16	137	1	0.10
200125	06:23:24.55	38° 28.92'	112° 50.66'	-0.3	-0.2	15	144	3	0.10
200125	06:29:33.23	38° 29.05'	112° 50.39'	-0.6	0.2	11	227	3	0.07
200125	06:30:13.66	38° 29.05'	112° 50.71'	-1.2	1.0	10	130	3	0.16
200125	06:30:52.63	38° 29.00'	112° 50.37'	-1.4	0.3	8	149	3	0.05
200125	06:33:29.41	38° 29.05'	112° 50.91'	-0.6	0.5	14	134	1	0.12
200125	06:35:43.48	38° 28.95'	112° 50.40'	0.2	-0.8	12	229	3	0.09
200125	06:50:18.44	38° 09.41'	112° 37.51'	2.9*	0.8	9	153	33	0.20
200125	07:30:05.05	38° 29.09'	112° 51.14'	0.2	0.2	10	128	1	0.07
200125	07:48:33.33	38° 17.57'	112° 51.77'	3.9*	1.2	26	60	18	0.17
200125	08:09:15.68	38° 17.63'	112° 51.99'	6.1*	2.2W	22	43	18	0.18
200126	08:09:43.23	38° 17.50'	112° 52.03'	4.7*	1.7W	24	69	19	0.16
200126	11:31:37.02	38° 13.14'	112° 21.87'	14.0	0.6	13	150	25	0.21
200128	16:23:47.12	38° 58.29'	111° 23.92'	-0.3	1.0W	7	114	4	0.06

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200128	18:11:27.98	37° 51.93'	113° 10.21'	10.4*	1.0	11	137	25	0.22
200129	19:23:05.89	39° 14.68'	109° 00.49'	7.4*	2.2W	21	122	76	0.14
200130	10:26:18.61	41° 28.38'	112° 19.31'	0.3*	1.3W	18	102	15	0.17
200131	02:11:01.73	41° 54.12'	112° 20.71'	7.0*	1.7W	15	83	23	0.12
200131	02:17:20.19	41° 53.94'	112° 21.49'	5.5*	1.0	15	85	24	0.19
200131	10:57:34.83	38° 27.38'	112° 48.56'	3.4	-0.3	7	276	5	0.03
200131	16:21:14.56	38° 17.06'	112° 52.12'	1.1*	2.3W	23	68	19	0.26
200131	23:44:31.61	41° 47.35'	112° 21.67'	9.9	0.3	7	73	15	0.16
200201	00:48:37.21	40° 43.64'	111° 36.48'	12.7	0.5	13	97	13	0.09
200201	10:34:47.38	37° 32.44'	112° 38.08'	5.5*	1.4	15	87	31	0.25
200201	13:49:29.26	41° 27.93'	112° 19.29'	0.3*	1.1	11	95	11	0.17
200201	16:09:27.41	39° 26.55'	111° 15.52'	3.3*	1.9W	23	44	17	0.21
200201	23:14:37.43	37° 52.21'	113° 04.51'	6.3*	1.1	15	63	27	0.14
200202	02:17:25.08	38° 28.76'	112° 51.97'	0.1	-0.1	8	151	2	0.13
200202	02:17:37.59	38° 29.19'	112° 50.47'	-0.4	-0.5	12	222	3	0.16
200202	03:07:51.41	41° 28.37'	112° 19.55'	5.7	1.1	14	95	11	0.22
200202	03:11:04.95	41° 27.75'	112° 19.43'	0.7*	1.1	15	89	11	0.15
200202	12:03:30.03	37° 52.46'	113° 04.02'	5.3*	1.8W	24	63	18	0.18
200202	20:30:55.26	38° 44.57'	111° 37.17'	19.0	1.6	12	137	18	0.07
200202	23:56:58.72	37° 25.02'	114° 12.03'	5.8*	1.5	10	130	31	0.14
200204	03:32:06.24	38° 12.77'	112° 44.20'	3.0*	0.5	11	132	26	0.08
200204	17:37:00.79	42° 04.25'	111° 56.28'	4.2*	1.6	15	102	14	0.16
200204	17:51:37.53	42° 03.96'	111° 56.57'	1.0*	1.6	17	102	14	0.11
200204	17:55:09.24	42° 04.00'	111° 56.49'	2.2*	1.2	12	102	14	0.09
200205	05:24:11.65	42° 23.88'	111° 33.83'	4.1*	1.3	14	119	36	0.12
200205	06:01:25.69	38° 12.61'	112° 33.22'	7.8	0.6	13	135	11	0.19
200205	12:02:22.57	37° 50.26'	112° 31.31'	2.7*	2.0W	18	104	37	0.20
200205	16:52:37.49	42° 04.22'	111° 56.58'	4.8*	1.3	16	120	14	0.09
200205	19:34:18.50	38° 08.82'	112° 36.03'	7.1*	0.5	10	156	35	0.22
200205	23:53:32.60	38° 10.85'	111° 14.65'	6.0*	1.4	10	109	52	0.10
200206	03:56:19.46	41° 50.71'	112° 19.54'	4.4*	1.0	19	75	22	0.25
200206	06:58:38.94	39° 43.54'	110° 48.39'	-3.5	1.6	10	101	6	0.08
200206	07:15:21.79	39° 43.12'	110° 49.12'	-3.4	1.8	9	195	7	0.16
200206	13:56:11.75	41° 49.06'	112° 23.64'	11.8	0.6	9	82	17	0.06
200207	03:40:19.82	39° 25.97'	111° 18.02'	4.8*	1.6	6	253	22	0.12
200207	15:18:29.73	41° 40.13'	112° 17.15'	1.0	1.1	7	130	9	0.12
200207	17:08:51.65	39° 23.74'	111° 04.65'	1.3	1.7W	8	113	9	0.07
200208	16:58:20.62	39° 23.44'	111° 04.48'	1.2	1.0W	7	157	9	0.07
200208	22:24:15.66	41° 47.32'	112° 22.17'	1.8*	0.7	10	117	24	0.20
200209	02:37:27.02	38° 06.09'	112° 51.75'	6.5	1.6	17	162	12	0.14
200209	06:30:01.43	38° 06.79'	112° 51.78'	5.6*	1.4	14	103	12	0.07
200209	06:47:39.01	38° 06.51'	112° 51.16'	2.4*	1.1	11	104	13	0.07
200209	07:52:42.13	38° 06.66'	112° 52.59'	7.6	0.6	8	118	11	0.07
200209	19:57:57.60	38° 34.00'	112° 29.54'	5.4	1.2	10	116	6	0.07
200210	04:32:07.22	37° 52.15'	113° 04.54'	0.5*	2.4W	20	43	27	0.14

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200210	08:03:07.42	38° 06.78'	112° 51.74'	2.2*	0.6	9	233	12	0.06
200210	13:17:13.71	37° 46.35'	113° 49.03'	7.2*	1.0	12	101	33	0.13
200210	23:57:24.84	41° 56.78'	112° 26.28'	3.1*	1.1	12	107	23	0.12
200211	16:30:24.48	39° 42.18'	110° 36.49'	-2.1	1.2	9	80	2	0.06
200211	19:49:38.60	39° 23.93'	111° 04.25'	1.4	1.6	10	110	10	0.05
200212	10:47:43.56	37° 26.46'	113° 23.82'	0.2*	1.9W	15	75	13	0.20
200212	18:43:10.55	41° 27.54'	112° 18.73'	0.5*	1.0	9	155	11	0.12
200213	02:38:16.67	37° 26.14'	113° 07.99'	12.7	1.7W	17	56	18	0.11
200213	13:58:03.80	38° 34.70'	112° 39.05'	5.3*	0.4	12	189	18	0.04
200214	00:20:36.04	37° 25.55'	113° 07.65'	2.8*	0.5	11	105	19	0.05
200214	00:21:18.74	37° 25.59'	113° 07.91'	2.4*	0.7	12	81	19	0.07
200214	04:05:06.22	38° 21.54'	112° 10.08'	4.9*	1.1	17	67	35	0.16
200214	16:59:47.15	38° 29.14'	112° 51.30'	0.0	-0.4	10	184	2	0.09
200214	21:09:34.03	38° 18.02'	112° 52.16'	6.7*	1.0	12	162	18	0.10
200215	02:53:19.29	37° 34.02'	114° 07.11'	5.5*	1.5	13	100	26	0.13
200215	06:09:57.12	38° 15.40'	112° 42.45'	6.2	0.4	13	120	6	0.11
200215	07:04:10.66	41° 18.35'	111° 38.28'	10.4*	1.0	12	127	28	0.11
200215	09:25:12.33	37° 59.47'	110° 06.62'	6.0*	1.9W	16	144	56	0.10
200215	14:32:10.34	39° 23.95'	111° 04.87'	0.9	1.5W	12	130	10	0.09
200215	16:25:14.66	39° 22.61'	112° 04.42'	12.5	2.0W	23	71	8	0.15
200216	01:00:05.43	36° 58.21'	113° 30.48'	9.1	2.5W	20	133	12	0.12
200216	03:15:41.53	39° 23.80'	111° 05.12'	3.9	1.9W	16	61	9	0.14
200216	12:41:07.63	38° 49.56'	111° 23.46'	-0.1	1.8	12	112	6	0.13
200216	21:03:51.00	37° 29.32'	113° 54.26'	0.1	1.5	6	227	5	0.17
200216	21:58:49.73	37° 46.84'	112° 59.18'	5.8*	0.6	6	205	22	0.09
200217	08:21:31.91	39° 24.34'	110° 18.11'	3.6*	1.8	9	200	25	0.11
200217	12:22:41.66	36° 47.02'	113° 52.84'	10.9*	1.1	7	199	41	0.13
200217	14:21:33.03	37° 23.44'	113° 06.69'	6.0*	1.4	9	196	28	0.06
200218	07:24:19.51	37° 25.70'	113° 07.11'	5.0*	1.0	8	141	19	0.02
200218	18:25:51.22	39° 24.06'	111° 04.71'	-1.4	1.0W	11	114	10	0.09
200218	18:59:49.98	38° 46.22'	112° 36.65'	1.9*	1.9W	16	71	23	0.25
200219	04:40:49.41	39° 42.79'	111° 09.90'	5.0	1.9W	23	58	9	0.10
200219	05:00:43.53	37° 00.99'	113° 45.78'	12.8	1.2	13	177	14	0.19
200219	07:51:05.86	39° 43.03'	111° 08.99'	-0.3	1.1	12	120	10	0.13
200219	09:20:24.94	38° 32.93'	112° 46.11'	-0.1	0.0	16	187	8	0.08
200219	13:03:36.65	38° 29.34'	112° 50.74'	0.2	0.6	16	209	1	0.10
200219	13:10:10.57	38° 29.09'	112° 50.69'	0.1	-0.5	9	214	3	0.08
200219	13:41:46.81	38° 28.86'	112° 51.45'	-0.2	-0.6	11	179	2	0.09
200219	13:43:44.40	38° 29.16'	112° 50.73'	0.3	-0.9	8	211	3	0.11
200219	14:02:18.10	38° 28.94'	112° 51.14'	0.1	-0.5	10	194	2	0.07
200219	15:22:39.77	38° 40.24'	112° 37.01'	1.3*	0.3	9	244	16	0.23
200219	18:12:55.32	38° 29.08'	112° 50.77'	0.6	0.3	14	210	1	0.11
200219	18:19:41.73	38° 29.18'	112° 50.63'	-0.3	-0.4	12	216	3	0.07
200219	18:20:04.40	38° 29.14'	112° 50.57'	0.2	--	8	219	3	0.05
200219	18:20:30.13	38° 28.99'	112° 51.18'	0.0	--	8	193	2	0.04

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200219	18:40:17.59	38° 29.08'	112° 50.89'	0.1	-0.8	9	204	2	0.11
200219	18:40:21.59	38° 28.89'	112° 51.26'	0.1	-0.3	7	240	2	0.07
200219	18:41:06.99	38° 28.36'	112° 50.82'	-0.1	-0.6	8	222	2	0.15
200219	18:42:05.24	38° 29.14'	112° 50.76'	0.3	0.2	13	210	1	0.06
200219	18:42:53.80	38° 29.10'	112° 50.49'	0.0	-0.3	12	222	3	0.11
200219	18:43:11.57	38° 29.13'	112° 50.41'	0.1	-0.6	9	227	3	0.08
200219	20:50:29.27	41° 52.62'	112° 20.85'	4.1*	0.8	8	81	25	0.09
200219	20:50:56.14	41° 52.35'	112° 20.56'	10.0*	1.1	19	80	24	0.11
200219	22:15:18.55	38° 29.04'	112° 50.67'	-0.4	-0.2	10	215	3	0.10
200219	22:57:24.12	39° 44.07'	110° 56.49'	1.8*	1.6	10	164	14	0.17
200220	03:59:34.89	41° 50.44'	111° 26.66'	4.0*	1.2	12	124	22	0.04
200220	22:08:06.98	38° 18.03'	112° 52.07'	4.6*	1.2	8	80	18	0.05
200220	23:46:30.04	38° 38.01'	112° 36.22'	6.3*	1.0	9	222	14	0.06
200221	01:24:55.34	41° 17.37'	111° 46.16'	10.0	1.1	17	74	20	0.21
200221	02:43:04.29	41° 27.98'	112° 19.83'	0.4*	1.6W	15	95	11	0.10
200221	11:14:04.58	39° 23.80'	111° 04.68'	1.4	1.8	10	130	9	0.12
200221	11:56:45.31	41° 27.96'	112° 19.86'	0.9*	1.1	11	95	11	0.10
200221	18:27:25.81	39° 13.82'	111° 25.98'	7.8	1.5	6	152	13	0.05
200222	13:06:18.13	39° 09.29'	110° 51.54'	1.9*	1.0W	9	127	29	0.05
200223	07:52:46.30	36° 57.67'	112° 32.04'	17.4	2.2W	15	117	26	0.17
200223	17:29:44.97	41° 33.42'	112° 25.73'	0.3*	1.0	15	95	13	0.13
200224	04:14:24.44	39° 23.78'	111° 04.70'	1.5	1.6W	12	130	9	0.10
200224	19:10:56.65	38° 31.91'	112° 29.38'	-1.0	1.4W	11	118	9	0.07
200224	20:43:51.43	39° 23.80'	111° 05.02'	0.8	1.4W	12	115	9	0.06
200225	00:30:57.59	37° 24.64'	108° 55.99'	11.3*	2.0	10	171	46	0.19
200225	01:36:59.30	39° 20.79'	111° 06.37'	-2.3	1.4W	7	159	4	0.11
200225	01:54:51.32	41° 39.54'	112° 26.96'	4.0	1.8W	17	86	1	0.15
200225	07:42:53.50	41° 27.93'	112° 18.83'	0.3*	1.1	15	88	11	0.22
200225	09:05:02.81	39° 23.58'	111° 04.74'	0.7	1.9	9	151	9	0.11
200225	09:45:36.96	37° 10.60'	113° 24.40'	1.0*	2.2W	22	100	23	0.15
200225	21:04:39.53	39° 24.06'	110° 17.34'	3.5*	2.2W	13	205	25	0.18
200225	22:06:39.68	39° 23.84'	111° 04.13'	1.5	1.2W	11	109	10	0.08
200226	02:55:23.47	38° 50.40'	111° 33.21'	1.2*	1.5	9	69	13	0.15
200226	06:24:19.78	38° 48.85'	113° 54.97'	-0.6*	1.6	13	176	32	0.23
200226	06:27:27.56	38° 48.57'	113° 55.36'	7.8*	1.4	11	176	31	0.21
200226	06:29:02.38	38° 48.18'	113° 55.06'	2.8*	0.7	8	175	30	0.25
200226	13:33:12.55	39° 25.24'	110° 21.59'	6.0*	1.6	8	138	22	0.14
200226	18:36:47.05	37° 50.77'	113° 01.62'	3.0*	1.2	18	76	28	0.21
200227	11:40:05.75	39° 42.20'	110° 36.56'	-1.9	0.8	7	112	2	0.06
200227	15:53:58.87	38° 06.97'	112° 49.37'	3.3*	0.7	12	168	15	0.12
200227	22:21:40.18	39° 24.08'	110° 17.67'	3.6*	1.9	10	185	25	0.14
200228	03:42:12.57	41° 43.45'	112° 54.43'	0.3*	1.2	13	233	13	0.08
200228	08:53:43.92	38° 28.15'	112° 47.48'	0.3	0.2	13	198	6	0.05
200228	18:57:52.74	38° 05.91'	112° 49.16'	4.2*	0.5	7	244	16	0.05
200229	18:52:49.67	42° 25.75'	111° 31.11'	-3.2*	2.1W	14	139	41	0.21

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200301	14:23:16.69	39° 41.89'	110° 43.31'	-3.1	1.6	8	145	4	0.07
200302	07:59:12.10	37° 44.21'	113° 03.15'	1.7	1.7	14	78	3	0.25
200302	15:13:42.40	41° 46.15'	112° 23.77'	10.4	0.6	7	109	12	0.03
200302	15:19:33.76	38° 20.56'	112° 07.21'	5.4*	2.1W	19	109	34	0.16
200302	23:05:36.00	38° 17.90'	112° 52.23'	6.2*	1.0	13	93	18	0.07
200302	23:06:38.47	38° 18.08'	112° 52.34'	7.9*	0.8	14	92	18	0.08
200303	00:39:18.60	39° 24.40'	110° 17.17'	2.8*	1.9W	13	188	25	0.15
200303	03:05:39.82	38° 29.27'	112° 50.98'	0.0	-0.4	10	198	1	0.06
200303	21:17:23.49	38° 27.70'	112° 47.94'	5.1	0.7	18	188	5	0.10
200303	21:59:27.68	39° 30.67'	110° 20.77'	1.8*	1.8	6	230	13	0.15
200303	23:04:34.76	39° 24.48'	110° 17.88'	5.9*	2.0	7	201	25	0.09
200304	09:04:05.38	38° 29.03'	112° 50.25'	0.2	-0.7	12	233	3	0.10
200304	09:15:53.52	38° 29.14'	112° 50.07'	0.1	0.2	14	240	3	0.13
200304	09:17:33.62	38° 28.85'	112° 51.17'	-0.3	0.1	10	194	2	0.10
200304	12:05:45.55	37° 59.33'	112° 53.16'	9.4	--	9	170	16	0.21
200304	12:05:57.15	38° 29.47'	112° 49.27'	0.0	-0.4	12	266	4	0.21
200304	13:40:00.23	39° 24.35'	110° 17.30'	3.5*	1.8	6	186	25	0.13
200305	00:01:43.02	38° 28.73'	112° 50.67'	0.2	-0.3	9	220	3	0.08
200305	03:33:37.87	38° 28.89'	112° 50.13'	0.2	--	11	239	3	0.10
200305	03:34:06.39	38° 28.71'	112° 50.30'	-0.1	-0.3	11	236	3	0.13
200305	03:49:47.96	38° 28.25'	112° 52.69'	0.1	--	8	216	2	0.14
200305	03:49:54.29	38° 28.18'	112° 52.58'	0.1	--	8	214	2	0.15
200305	03:50:04.17	38° 28.76'	112° 50.35'	0.1	-0.05	9	233	3	0.04
200305	03:51:16.46	38° 28.71'	112° 50.32'	0.1	0.2	15	236	3	0.09
200305	04:32:14.04	38° 28.85'	112° 50.80'	-0.4	-0.8	11	212	3	0.12
200305	04:32:53.05	38° 28.79'	112° 50.39'	0.2	-0.2	8	231	3	0.09
200305	17:36:11.33	39° 24.00'	110° 17.30'	5.8*	1.4W	7	205	26	0.16
200306	02:08:07.57	41° 28.62'	112° 17.93'	0.2*	1.3W	21	85	13	0.14
200306	02:35:20.27	41° 28.56'	112° 17.53'	0.2*	0.7	16	96	13	0.20
200306	03:23:57.62	41° 28.82'	112° 18.39'	1.8*	1.7W	35	86	13	0.17
200306	04:28:59.70	41° 28.81'	112° 17.99'	5.6*	3.0W	46	86	13	0.19
200306	04:29:42.52	41° 28.42'	112° 18.01'	0.3*	3.0W	32	85	13	0.20
200306	04:56:17.50	41° 28.44'	112° 17.56'	0.6*	0.6	11	155	13	0.12
200306	04:57:06.88	41° 28.55'	112° 18.42'	1.1*	0.3	9	137	13	0.14
200306	05:12:56.03	41° 28.76'	112° 18.08'	0.9*	0.8	11	138	13	0.11
200306	05:55:00.87	41° 28.98'	112° 18.72'	-1.3*	0.9	19	86	13	0.18
200306	06:16:54.83	41° 51.68'	112° 37.14'	-3.2*	0.9	12	138	16	0.13
200306	06:23:48.92	41° 28.46'	112° 18.00'	4.0*	0.8	16	95	13	0.12
200306	08:40:34.84	38° 26.45'	112° 11.93'	10.8*	1.0	14	65	29	0.15
200306	09:18:18.19	42° 26.61'	111° 21.88'	6.7*	1.9W	16	126	42	0.16
200306	10:32:16.65	42° 27.66'	111° 23.08'	1.9*	2.0W	19	134	41	0.19
200306	10:40:22.02	42° 26.52'	111° 20.74'	4.0*	1.6W	13	141	41	0.17
200306	10:58:26.13	42° 26.61'	111° 21.41'	1.7*	1.7W	13	139	41	0.11
200306	12:01:27.40	41° 28.63'	112° 17.86'	0.3*	0.7	12	104	13	0.09
200306	12:40:58.77	41° 28.58'	112° 18.36'	2.7*	1.3	24	88	13	0.11

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200306	17:45:58.55	38° 29.71'	112° 50.93'	-2.6	--	8	272	2	0.06
200307	02:40:59.94	39° 24.01'	111° 04.21'	1.7	2.1	11	127	10	0.12
200307	07:30:23.08	41° 33.22'	112° 50.12'	1.6*	0.7	12	177	26	0.10
200307	08:01:28.90	41° 32.98'	112° 50.52'	0.3*	1.2	17	179	26	0.13
200307	15:01:40.47	38° 29.52'	112° 50.85'	-0.3	1.1	17	169	1	0.10
200307	15:08:30.77	38° 29.77'	112° 51.14'	-0.3	0.5	15	130	1	0.07
200307	15:44:23.46	38° 30.12'	112° 51.49'	-0.2	--	8	144	1	0.04
200307	15:46:50.10	38° 30.07'	112° 51.51'	-0.8	--	11	142	1	0.06
200307	15:48:06.16	38° 29.90'	112° 51.23'	-0.4	--	11	227	2	0.06
200307	15:52:52.62	38° 29.73'	112° 51.13'	-0.3	0.9	17	133	1	0.11
200307	16:00:30.94	38° 29.89'	112° 51.40'	-0.4	--	14	156	1	0.08
200307	17:06:17.65	38° 29.86'	112° 51.79'	-0.2	--	10	180	1	0.05
200307	18:46:31.58	38° 29.92'	112° 51.19'	-0.2	--	12	183	1	0.08
200307	19:06:55.28	38° 29.49'	112° 50.24'	0.0	--	10	286	2	0.12
200307	19:08:22.60	38° 29.81'	112° 51.14'	-0.2	--	14	128	1	0.09
200308	03:30:23.37	39° 30.95'	111° 06.73'	1.7*	1.8	11	130	16	0.09
200308	14:54:23.60	38° 28.20'	112° 50.12'	0.3	--	10	257	4	0.07
200308	15:18:14.65	38° 28.26'	112° 50.94'	0.7	0.4	17	132	2	0.08
200308	15:40:28.97	38° 28.27'	112° 50.54'	0.2	--	12	250	4	0.07
200308	15:45:46.44	38° 28.33'	112° 50.38'	0.3	--	12	253	4	0.07
200308	18:58:27.67	39° 12.19'	111° 52.31'	8.0*	1.2	17	99	23	0.13
200309	00:19:31.37	41° 56.84'	112° 35.35'	8.6*	0.8	12	154	23	0.14
200309	22:13:39.67	41° 51.57'	112° 38.58'	8.4	0.9	6	145	14	0.07
200310	01:23:10.71	39° 24.26'	110° 16.71'	3.5*	1.6W	11	208	25	0.20
200310	02:01:18.70	39° 31.35'	111° 52.73'	1.9	1.2	11	76	6	0.14
200310	06:02:26.85	39° 24.53'	110° 19.11'	5.9*	1.9	6	179	24	0.04
200310	08:55:53.45	38° 28.69'	112° 50.37'	0.2	--	10	254	3	0.08
200310	15:46:14.23	37° 25.26'	114° 14.48'	2.8*	1.5	14	134	34	0.24
200311	15:07:25.97	42° 29.08'	111° 24.83'	5.4*	1.7W	10	163	40	0.04
200311	23:17:17.84	42° 01.12'	111° 23.53'	3.4*	1.7W	26	87	15	0.19
200312	01:42:24.89	38° 04.03'	112° 50.40'	4.1*	1.4	19	63	14	0.22
200312	03:50:13.19	38° 29.56'	112° 50.10'	0.0	0.1	15	238	2	0.12
200312	05:04:51.30	38° 26.51'	112° 11.61'	7.6*	1.0	12	116	29	0.17
200312	06:10:48.48	39° 32.27'	111° 23.64'	13.1	1.6	8	150	20	0.19
200312	21:54:52.78	38° 29.44'	112° 50.43'	0.1	0.1	7	224	3	0.05
200312	21:55:08.34	38° 29.50'	112° 50.46'	0.1	0.2	8	221	3	0.06
200312	23:37:24.84	39° 23.91'	111° 04.31'	2.0	0.9W	10	111	10	0.09
200313	06:52:35.07	38° 21.39'	112° 35.92'	3.4	0.4	16	108	10	0.08
200313	14:24:36.65	38° 38.88'	112° 38.89'	5.4*	1.4	15	117	18	0.12
200313	15:20:39.84	40° 26.76'	111° 57.52'	10.5	0.7	16	160	1	0.11
200313	15:45:06.67	42° 25.83'	111° 30.47'	8.7*	1.6W	8	151	42	0.09
200313	16:14:05.90	38° 29.44'	112° 50.56'	-0.2	0.1	8	217	3	0.06
200313	16:14:36.33	38° 29.45'	112° 50.49'	0.2	0.2	8	221	3	0.06
200313	16:14:50.40	38° 29.20'	112° 50.98'	0.1	0.5	8	199	2	0.09
200313	16:16:00.28	38° 29.42'	112° 50.30'	0.2	0.7	9	142	3	0.05

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200313	16:17:36.62	38° 29.12'	112° 50.92'	0.1	-0.6	8	202	2	0.10
200313	16:17:43.17	38° 29.36'	112° 50.54'	-1.7	-0.1	8	219	3	0.16
200313	16:18:25.05	38° 29.37'	112° 50.39'	0.2	0.2	8	225	3	0.05
200313	16:19:03.73	38° 28.99'	112° 51.68'	0.1	-0.9	8	167	2	0.12
200313	16:19:12.06	38° 29.37'	112° 50.52'	0.2	0.0	8	220	3	0.05
200313	23:45:33.80	37° 02.12'	114° 01.97'	11.6	2.1W	13	160	16	0.20
200314	01:01:54.17	42° 01.14'	111° 22.39'	4.7*	1.3	17	87	13	0.18
200314	02:16:23.18	36° 59.58'	113° 30.25'	11.1	1.5	11	177	11	0.09
200314	16:59:14.92	38° 17.48'	112° 51.84'	5.5*	1.3	18	80	19	0.13
200314	19:55:24.34	38° 21.57'	112° 36.86'	9.3*	0.9	12	204	24	0.04
200314	21:00:20.03	38° 21.56'	112° 36.94'	9.1	0.8	12	167	9	0.06
200314	21:58:16.83	38° 20.99'	112° 36.71'	7.7*	1.2	18	100	25	0.07
200314	22:26:39.74	38° 17.47'	112° 51.93'	4.5*	1.1	18	69	19	0.12
200315	03:55:13.88	38° 27.28'	112° 11.38'	7.7*	1.9W	20	117	28	0.14
200315	04:29:13.50	38° 20.46'	112° 36.41'	6.2*	0.4	6	250	29	0.03
200315	05:06:17.49	38° 27.55'	112° 12.76'	14.8	1.0	8	201	26	0.06
200315	13:00:07.64	38° 28.51'	112° 52.86'	-0.3	-0.2	6	215	2	0.02
200315	13:08:47.39	42° 29.38'	111° 24.89'	-0.9*	2.0W	11	135	40	0.25
200316	02:58:09.35	37° 20.72'	113° 53.31'	4.3*	0.9	6	183	13	0.29
200316	10:19:21.01	42° 05.72'	110° 22.09'	17.8*	1.4	13	91	42	0.20
200317	06:35:25.96	39° 24.17'	110° 17.73'	-2.2	1.2	7	203	3	0.17
200317	07:05:50.66	39° 24.58'	110° 18.73'	-0.9	1.3	6	196	2	0.03
200317	11:37:21.52	38° 26.13'	112° 11.69'	9.2*	0.9	14	130	29	0.08
200317	13:39:39.64	38° 33.37'	112° 34.42'	2.6*	0.5	10	185	13	0.19
200317	16:05:13.92	39° 24.30'	110° 18.00'	-1.9	1.9	8	201	3	0.06
200318	13:09:31.53	40° 45.06'	112° 04.70'	11.9	5.7M	59	50	4	0.20
200318	13:10:08.21	40° 44.82'	112° 04.88'	8.5	3.9	17	91	4	0.22
200318	13:10:16.96	40° 44.85'	112° 04.81'	6.9	4.0	13	91	4	0.15
200318	13:10:59.44	40° 43.33'	112° 06.46'	9.2	4.2	28	83	4	0.21
200318	13:11:12.12	40° 45.02'	112° 04.55'	9.7	3.7	26	89	4	0.20
200318	13:11:30.10	40° 45.53'	112° 05.02'	5.6	3.2	16	128	5	0.13
200318	13:11:38.93	40° 45.87'	112° 06.13'	6.9	3.0	24	139	6	0.15
200318	13:11:57.07	40° 44.22'	112° 07.12'	8.1	3.1	24	157	6	0.16
200318	13:13:27.04	40° 46.35'	112° 05.36'	1.5	2.2	16	128	5	0.23
200318	13:14:05.96	40° 44.85'	112° 04.56'	9.4	2.8	21	89	4	0.09
200318	13:14:21.54	40° 45.28'	112° 03.55'	8.1	3.7	28	56	4	0.16
200318	13:15:11.48	40° 45.33'	112° 03.49'	8.9	3.7W	40	47	4	0.16
200318	13:15:55.76	40° 44.98'	112° 02.60'	8.3	3.4W	37	45	3	0.15
200318	13:16:03.04	40° 45.66'	112° 04.29'	5.9	3.1W	16	120	4	0.15
200318	13:16:38.48	40° 45.94'	112° 04.57'	9.6	3.3W	31	55	4	0.21
200318	13:18:28.49	40° 44.94'	112° 03.38'	8.1	3.2W	39	46	3	0.19
200318	13:20:21.76	40° 45.94'	112° 03.99'	7.7	2.4W	24	83	4	0.16
200318	13:21:16.20	40° 45.72'	112° 04.64'	8.6	2.2W	21	52	5	0.16
200318	13:22:02.06	40° 45.28'	112° 02.75'	8.6	3.7W	55	45	3	0.16
200318	13:23:19.86	40° 45.14'	112° 05.64'	11.1	3.7W	57	54	6	0.16

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200318	13:26:19.50	40° 46.08'	112° 03.83'	8.9	2.3W	35	59	3	0.18
200318	13:27:20.38	40° 45.10'	112° 03.26'	7.5	2.5W	27	56	3	0.17
200318	13:29:55.65	40° 44.95'	112° 03.38'	9.7	3.1W	56	41	3	0.22
200318	13:31:18.16	40° 45.33'	112° 02.62'	8.5	3.1W	33	53	3	0.11
200318	13:32:29.85	40° 45.34'	112° 03.07'	9.5	3.9W	41	46	3	0.19
200318	13:33:37.01	40° 45.49'	112° 03.27'	7.8	2.4W	21	72	3	0.10
200318	13:35:15.20	40° 45.36'	112° 03.90'	8.3	2.0W	16	85	4	0.16
200318	13:36:24.34	40° 45.23'	112° 04.29'	7.3	1.9W	18	92	4	0.21
200318	13:36:38.07	40° 44.98'	112° 03.98'	9.6	3.5W	46	66	4	0.19
200318	13:39:09.44	40° 46.67'	112° 04.80'	9.4	2.3	20	90	4	0.14
200318	13:39:50.34	40° 45.66'	112° 03.26'	8.0	1.9W	25	53	3	0.11
200318	13:40:18.43	40° 45.90'	112° 03.74'	6.2	1.9	18	103	5	0.22
200318	13:40:27.45	40° 44.78'	112° 03.65'	9.6	2.0	14	82	3	0.07
200318	13:40:56.48	40° 46.54'	112° 03.08'	8.4	1.3W	21	110	2	0.14
200318	13:41:02.56	40° 44.46'	112° 02.47'	7.9	2.0W	23	75	2	0.12
200318	13:41:52.69	40° 44.88'	112° 02.54'	8.6	1.6W	24	76	2	0.13
200318	13:42:24.99	40° 43.97'	112° 04.64'	9.9	2.2W	38	45	4	0.16
200318	13:42:35.16	40° 44.84'	112° 02.94'	8.9	2.0W	12	78	3	0.06
200318	13:42:48.59	40° 45.82'	112° 04.63'	8.9	2.3W	21	61	4	0.12
200318	13:43:26.43	40° 45.98'	112° 04.27'	7.1	1.8W	21	80	4	0.17
200318	13:44:01.87	40° 44.22'	112° 04.57'	9.6	2.2W	21	93	4	0.17
200318	13:44:51.11	40° 45.95'	112° 03.10'	8.2	1.4	19	56	2	0.14
200318	13:46:27.22	40° 44.61'	112° 02.73'	6.9	1.4W	17	52	2	0.13
200318	13:46:41.19	40° 44.71'	112° 05.21'	7.1	0.7	17	93	5	0.21
200318	13:46:53.70	40° 45.00'	112° 03.39'	8.6	2.2W	28	56	3	0.13
200318	13:47:44.49	40° 44.94'	112° 03.37'	8.9	1.9W	23	55	3	0.10
200318	13:48:01.21	40° 43.32'	112° 05.36'	11.0	3.1W	44	47	4	0.14
200318	13:49:39.76	40° 45.68'	112° 04.21'	8.4	2.1	23	81	4	0.14
200318	13:50:15.21	40° 45.79'	112° 04.44'	9.5	2.1W	26	60	4	0.12
200318	13:50:25.75	40° 45.53'	112° 04.81'	9.8	2.1W	16	91	5	0.12
200318	13:52:03.78	40° 44.73'	112° 04.17'	7.8	1.7W	19	56	4	0.12
200318	13:54:29.86	40° 44.40'	112° 04.00'	10.0	2.2W	21	68	3	0.17
200318	13:54:41.52	40° 42.14'	112° 05.01'	11.6	2.3W	18	124	2	0.13
200318	13:56:32.24	40° 46.02'	112° 03.56'	8.4	1.9W	31	52	3	0.15
200318	13:57:32.66	40° 45.09'	112° 03.49'	9.0	2.0W	23	73	3	0.13
200318	13:59:30.74	40° 42.25'	112° 05.83'	10.0	1.6W	17	119	2	0.19
200318	14:00:18.94	40° 46.47'	112° 05.19'	9.1	1.2	21	99	5	0.14
200318	14:00:24.57	40° 46.95'	112° 06.29'	9.1	1.7W	17	102	6	0.23
200318	14:01:04.19	40° 43.58'	112° 05.75'	10.0	2.5W	28	52	5	0.14
200318	14:01:46.07	40° 45.94'	112° 03.82'	9.5	1.8W	20	59	3	0.12
200318	14:02:12.83	40° 45.63'	112° 04.16'	9.1	4.6M	24	58	4	0.19
200318	14:04:16.94	40° 45.57'	112° 04.26'	8.7	2.3	23	87	4	0.20
200318	14:05:04.67	40° 45.29'	112° 04.02'	9.1	3.3W	50	50	4	0.13
200318	14:06:12.19	40° 43.60'	112° 05.07'	10.7	3.4W	50	45	4	0.15
200318	14:07:53.20	40° 45.49'	112° 04.38'	9.7	3.0W	38	51	12	0.17

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200318	14:10:52.57	40° 46.16'	112° 03.43'	9.3	2.7W	44	50	3	0.16
200318	14:13:10.58	40° 45.67'	112° 03.43'	8.6	2.0W	31	49	3	0.15
200318	14:15:04.20	40° 45.29'	112° 03.84'	9.0	1.7W	23	57	4	0.11
200318	14:16:10.25	40° 45.29'	112° 02.53'	8.2	1.6W	25	53	3	0.16
200318	14:17:01.60	40° 45.51'	112° 03.12'	9.0	1.8W	31	47	3	0.17
200318	14:18:59.16	40° 44.90'	112° 02.64'	8.8	1.2W	16	142	2	0.10
200318	14:19:35.73	40° 45.40'	112° 02.27'	8.0	1.6W	28	52	3	0.11
200318	14:20:00.89	40° 44.20'	112° 04.73'	9.9	1.6W	18	89	4	0.09
200318	14:20:47.37	40° 46.44'	112° 04.38'	9.5	1.7W	29	56	4	0.16
200318	14:21:27.52	40° 45.08'	112° 02.38'	8.2	1.7W	23	75	3	0.15
200318	14:21:54.85	40° 45.28'	112° 04.86'	9.8	2.1W	34	52	5	0.18
200318	14:22:22.36	40° 44.81'	112° 02.63'	9.3	2.1W	23	76	2	0.13
200318	14:25:55.43	40° 46.09'	112° 04.47'	10.8	0.8W	20	99	4	0.17
200318	14:26:01.49	40° 44.78'	112° 03.76'	9.7	--	15	115	3	0.11
200318	14:26:06.06	40° 46.10'	112° 04.68'	4.3	0.8	14	99	4	0.22
200318	14:26:10.93	40° 45.88'	112° 04.87'	4.4	0.7	14	125	5	0.13
200318	14:26:33.52	40° 45.48'	112° 02.66'	7.6	1.0W	16	59	3	0.07
200318	14:27:20.05	40° 45.18'	112° 02.39'	7.5	0.9	21	75	3	0.20
200318	14:27:46.35	40° 45.97'	112° 04.16'	7.9	1.4	14	118	5	0.12
200318	14:27:51.92	40° 45.88'	112° 03.00'	6.4	0.5	12	123	4	0.14
200318	14:28:17.70	40° 46.94'	112° 05.80'	1.6	1.5W	17	113	6	0.13
200318	14:28:49.28	40° 44.16'	112° 06.30'	10.2	1.6W	14	110	8	0.21
200318	14:31:23.86	40° 44.12'	112° 04.65'	8.1	1.2	13	89	10	0.11
200318	14:33:37.88	40° 44.82'	112° 04.65'	8.8	1.2W	24	94	4	0.15
200318	14:33:53.08	40° 44.58'	112° 04.64'	10.1	2.8W	39	49	4	0.16
200318	14:35:22.93	40° 43.46'	112° 04.02'	10.1	1.0	17	62	3	0.14
200318	14:35:28.31	40° 44.32'	112° 06.37'	7.0	1.6W	22	102	6	0.13
200318	14:36:26.56	40° 45.43'	112° 03.51'	8.7	1.5W	23	57	3	0.16
200318	14:36:58.57	40° 45.97'	112° 05.48'	8.8	1.2	19	90	5	0.17
200318	14:38:10.18	40° 46.00'	112° 03.16'	8.4	1.6W	28	57	2	0.14
200318	14:38:47.68	40° 49.09'	112° 06.09'	4.9	0.8	11	124	8	0.20
200318	14:38:56.39	40° 45.94'	112° 04.12'	7.3	1.3W	19	59	5	0.11
200318	14:39:09.55	40° 45.30'	112° 03.73'	8.6	--	7	156	4	0.06
200318	14:39:13.27	40° 45.03'	112° 06.18'	7.3	1.3	8	282	7	0.05
200318	14:41:58.70	40° 45.79'	112° 03.14'	8.9	2.2W	37	53	3	0.13
200318	14:42:59.85	40° 45.89'	112° 02.45'	5.8	1.3W	23	74	4	0.20
200318	14:43:02.03	40° 46.66'	112° 02.84'	9.3	1.4W	10	140	6	0.17
200318	14:43:27.31	40° 44.00'	112° 04.62'	8.2	1.6W	26	88	5	0.15
200318	14:44:27.81	40° 43.82'	112° 05.19'	9.3	1.3W	17	87	5	0.13
200318	14:45:44.07	40° 43.62'	112° 05.05'	10.4	1.5W	18	69	5	0.15
200318	14:46:06.01	40° 45.21'	112° 03.66'	9.5	1.5W	22	70	4	0.07
200318	14:46:17.65	40° 45.83'	112° 03.53'	8.9	2.7W	47	50	3	0.18
200318	14:47:33.46	40° 45.68'	112° 04.82'	10.1	1.8W	22	57	5	0.11
200318	14:50:55.94	40° 45.31'	112° 03.88'	9.4	1.1W	17	75	4	0.11
200318	14:51:47.58	40° 44.57'	112° 03.47'	8.2	1.3	16	107	3	0.11

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200318	14:52:40.34	40° 45.03'	112° 03.24'	8.4	2.5W	36	54	3	0.17
200318	14:56:57.63	40° 45.97'	112° 03.22'	8.2	0.6	11	86	3	0.17
200318	14:57:41.43	40° 45.31'	112° 02.81'	8.3	3.6W	37	46	3	0.17
200318	14:58:28.75	40° 46.49'	112° 04.77'	9.7	1.8	19	121	4	0.13
200318	14:58:37.99	40° 45.32'	112° 03.20'	7.5	2.0	19	109	3	0.11
200318	14:58:46.43	40° 45.79'	112° 04.91'	9.3	1.7	19	126	5	0.14
200318	15:00:16.69	40° 44.83'	112° 02.88'	7.9	1.7W	22	52	2	0.10
200318	15:00:26.75	40° 45.01'	112° 02.40'	8.5	2.0W	21	75	3	0.18
200318	15:00:45.73	40° 45.63'	112° 02.37'	7.8	2.5W	28	55	2	0.13
200318	15:01:47.85	40° 45.63'	112° 03.59'	8.6	2.3	15	112	4	0.21
200318	15:02:28.87	40° 44.49'	112° 03.56'	8.5	2.0W	24	52	3	0.07
200318	15:06:53.18	40° 45.17'	112° 03.38'	6.7	0.7W	14	98	8	0.13
200318	15:08:06.89	40° 44.90'	112° 02.77'	9.4	--	8	112	11	0.11
200318	15:08:09.53	40° 46.19'	112° 02.07'	5.1*	1.1	12	78	13	0.10
200318	15:08:36.40	40° 45.12'	112° 03.46'	7.8	1.1W	19	63	3	0.18
200318	15:09:42.93	40° 44.23'	112° 03.84'	10.1	2.2W	36	54	3	0.14
200318	15:10:49.31	40° 44.85'	112° 02.32'	9.1	2.3W	36	43	2	0.11
200318	15:12:26.05	40° 45.18'	112° 02.89'	7.1	1.5W	22	107	3	0.11
200318	15:12:29.17	40° 44.90'	112° 02.69'	9.1	1.8W	19	105	2	0.14
200318	15:12:53.98	40° 44.95'	112° 02.84'	8.7	1.4W	20	107	3	0.15
200318	15:15:06.84	40° 45.47'	112° 03.93'	7.9	1.5W	26	57	4	0.13
200318	15:16:05.20	40° 46.83'	112° 03.96'	9.2	1.2W	18	111	3	0.17
200318	15:17:44.62	40° 45.10'	112° 02.34'	6.8	1.1W	21	52	3	0.13
200318	15:18:16.07	40° 46.60'	112° 03.69'	6.8	0.6	16	109	6	0.19
200318	15:18:24.64	40° 44.29'	112° 03.89'	8.2	1.3W	24	90	3	0.13
200318	15:18:48.44	40° 45.96'	112° 03.09'	4.5	1.0	13	133	5	0.12
200318	15:18:55.17	40° 44.16'	112° 01.28'	9.2	1.0	10	119	2	0.25
200318	15:19:19.26	40° 44.20'	112° 06.44'	7.7	0.5	9	148	6	0.04
200318	15:19:30.90	40° 46.62'	112° 03.68'	9.4	1.3W	19	58	3	0.08
200318	15:19:50.15	40° 44.69'	112° 02.35'	8.2	2.0W	31	51	2	0.13
200318	15:21:16.94	40° 43.53'	112° 05.77'	9.3	1.2	15	84	5	0.13
200318	15:21:31.74	40° 44.66'	112° 02.68'	8.4	0.8W	15	79	4	0.13
200318	15:22:41.90	40° 46.30'	112° 03.86'	7.9	1.1	22	103	3	0.13
200318	15:23:45.22	40° 46.96'	112° 04.94'	9.1	2.4W	33	57	5	0.19
200318	15:24:13.36	40° 43.56'	112° 05.62'	9.1	1.2	20	62	5	0.21
200318	15:24:25.95	40° 45.83'	112° 03.35'	7.9	2.4W	36	56	3	0.20
200318	15:25:55.09	40° 45.65'	112° 03.78'	8.2	1.6W	27	58	4	0.15
200318	15:27:52.45	40° 44.67'	112° 02.88'	7.5	1.2W	22	78	2	0.12
200318	15:28:16.46	40° 45.69'	112° 03.23'	6.8	1.2W	25	58	4	0.17
200318	15:28:54.38	40° 45.77'	112° 03.54'	7.7	1.8W	29	54	3	0.11
200318	15:29:38.37	40° 43.94'	112° 04.62'	9.2	1.7W	31	45	4	0.17
200318	15:30:18.96	40° 46.93'	112° 03.81'	9.3	2.0W	32	54	3	0.10
200318	15:32:18.38	40° 44.54'	112° 03.90'	8.7	1.7W	37	52	3	0.14
200318	15:34:02.40	40° 46.10'	112° 03.49'	5.9	0.9	14	105	9	0.10
200318	15:36:10.47	40° 45.60'	112° 02.10'	5.6	--	15	72	2	0.09

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200318	15:37:50.10	40° 46.65'	112° 04.44'	10.0	1.6W	29	55	4	0.12
200318	15:39:24.64	40° 45.24'	112° 03.47'	8.5	2.6W	55	48	4	0.17
200318	15:43:36.83	40° 45.26'	112° 03.20'	9.1	1.5W	39	52	3	0.14
200318	15:44:08.36	40° 45.41'	112° 03.51'	7.6	1.5W	28	56	3	0.17
200318	15:45:12.83	40° 46.29'	112° 04.65'	10.2	1.6W	24	56	4	0.11
200318	15:46:44.48	40° 45.06'	112° 03.30'	8.8	1.6W	15	81	3	0.12
200318	15:46:50.32	40° 45.66'	112° 04.60'	7.4	1.6	14	104	5	0.14
200318	15:46:55.91	40° 45.34'	112° 02.96'	8.5	2.6W	19	57	3	0.15
200318	15:47:40.60	40° 45.20'	112° 02.39'	7.9	2.6W	32	44	3	0.11
200318	15:49:31.23	40° 46.03'	112° 04.91'	9.7	2.0W	31	55	5	0.11
200318	15:50:28.12	40° 47.88'	112° 04.92'	9.3	1.2W	19	117	5	0.10
200318	15:50:37.98	40° 44.80'	112° 02.57'	7.8	1.9W	21	52	2	0.17
200318	15:51:43.86	40° 43.93'	112° 04.64'	10.2	1.6W	25	56	4	0.18
200318	15:53:40.43	40° 46.10'	112° 03.39'	8.0	1.5W	26	81	3	0.11
200318	15:54:12.76	40° 45.51'	112° 03.56'	8.1	1.6W	26	58	4	0.12
200318	15:56:48.41	40° 44.66'	112° 04.79'	9.7	0.5	8	105	11	0.08
200318	15:58:29.22	40° 45.01'	112° 02.08'	9.3	2.5W	26	51	3	0.12
200318	15:59:22.43	40° 46.46'	112° 04.67'	9.4	1.5W	21	89	4	0.15
200318	16:01:42.81	40° 44.32'	112° 03.79'	8.1	1.0W	20	91	6	0.14
200318	16:02:40.24	40° 45.44'	112° 03.25'	8.3	2.0W	36	47	3	0.17
200318	16:06:17.06	40° 44.42'	112° 04.35'	6.7	0.9W	22	92	6	0.21
200318	16:08:27.62	40° 44.50'	112° 03.70'	7.9	1.2W	23	55	3	0.13
200318	16:10:07.87	40° 44.73'	112° 03.01'	7.7	1.1W	24	94	2	0.10
200318	16:10:20.65	40° 45.98'	112° 04.82'	8.6	1.1W	15	119	9	0.13
200318	16:12:28.22	40° 45.77'	112° 05.61'	10.5	1.6W	44	56	6	0.19
200318	16:13:07.55	40° 43.67'	112° 05.22'	8.7	1.4W	16	86	5	0.16
200318	16:14:46.49	40° 44.45'	112° 04.49'	9.6	1.5W	23	78	4	0.11
200318	16:15:33.49	40° 45.67'	112° 03.99'	9.3	1.6W	29	58	4	0.13
200318	16:17:58.80	40° 44.86'	112° 02.28'	8.5	1.2W	30	43	2	0.11
200318	16:19:47.60	40° 44.73'	112° 03.97'	9.7	0.7	16	85	3	0.11
200318	16:19:54.54	40° 44.95'	112° 03.18'	8.4	1.6W	29	51	3	0.14
200318	16:20:17.20	40° 44.87'	112° 03.02'	8.4	0.8	16	92	4	0.13
200318	16:21:21.60	40° 43.84'	112° 04.49'	9.6	1.8W	40	44	3	0.14
200318	16:21:31.97	40° 44.05'	112° 06.72'	6.1	1.6	11	137	6	0.05
200318	16:22:03.12	40° 45.88'	112° 03.69'	7.8	1.3W	23	82	3	0.13
200318	16:23:36.48	40° 45.22'	112° 03.92'	5.9	1.2W	26	57	4	0.13
200318	16:24:37.55	40° 46.17'	112° 03.87'	7.7	1.7W	35	83	3	0.14
200318	16:24:58.57	40° 44.94'	112° 02.71'	8.6	1.0W	18	77	3	0.09
200318	16:25:26.71	40° 44.38'	112° 03.44'	8.8	1.5W	31	55	2	0.15
200318	16:26:25.12	40° 45.79'	112° 04.17'	6.6	0.9	13	106	4	0.12
200318	16:27:51.18	40° 45.28'	112° 02.20'	7.9	2.0W	36	44	3	0.14
200318	16:29:13.87	40° 45.89'	112° 03.47'	8.4	1.3W	24	78	3	0.11
200318	16:29:27.30	40° 44.61'	112° 02.92'	8.6	1.4	15	78	2	0.12
200318	16:32:22.07	40° 44.69'	112° 04.78'	9.1	1.1W	19	106	7	0.15
200318	16:34:47.67	40° 44.88'	112° 02.57'	8.4	1.4W	29	52	2	0.09

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200318	16:36:40.34	40° 45.52'	112° 02.74'	8.2	2.1W	36	46	3	0.16
200318	16:37:34.22	40° 45.48'	112° 03.20'	7.6	1.3W	26	58	3	0.10
200318	16:40:02.22	40° 45.42'	112° 03.63'	9.5	0.6	14	117	8	0.19
200318	16:40:22.01	40° 45.32'	112° 03.44'	8.4	2.3	18	81	4	0.08
200318	16:41:08.60	40° 44.31'	112° 03.31'	8.3	0.9	15	102	5	0.10
200318	16:41:18.17	40° 44.91'	112° 04.23'	8.7	0.9	10	109	7	0.09
200318	16:41:28.80	39° 42.29'	110° 43.35'	-2.3	1.2	5	143	3	0.08
200318	16:41:44.65	40° 45.27'	112° 02.73'	8.4	0.8W	26	56	3	0.17
200318	16:41:56.12	40° 44.96'	112° 02.45'	7.1	1.7W	36	45	3	0.17
200318	16:42:49.30	40° 45.27'	112° 03.24'	9.1	1.0W	19	80	3	0.08
200318	16:43:03.46	40° 45.55'	112° 03.06'	9.2	2.0W	33	55	3	0.15
200318	16:45:40.05	40° 45.55'	112° 03.00'	7.4	1.2W	26	58	3	0.22
200318	16:45:46.16	40° 45.01'	112° 02.42'	8.4	1.3W	19	75	3	0.15
200318	16:46:15.64	40° 45.35'	112° 03.24'	8.9	1.8W	29	57	3	0.14
200318	16:47:47.92	40° 45.33'	112° 03.82'	8.4	2.5W	35	49	4	0.12
200318	16:48:18.11	40° 45.55'	112° 03.91'	8.6	1.9	16	98	4	0.13
200318	16:48:37.06	40° 45.24'	112° 03.48'	8.8	1.9W	33	57	4	0.15
200318	16:49:02.03	40° 45.17'	112° 02.59'	8.4	1.0	15	104	3	0.11
200318	16:49:48.28	40° 46.33'	112° 03.44'	8.3	1.8	19	119	3	0.16
200318	16:50:14.98	40° 45.61'	112° 03.60'	8.0	1.6W	32	54	3	0.16
200318	16:50:38.47	40° 44.65'	112° 01.82'	6.3	2.2W	25	50	2	0.19
200318	16:51:51.75	40° 45.30'	112° 02.42'	7.4	2.0W	44	45	3	0.23
200318	16:54:44.67	40° 46.76'	112° 04.77'	8.9	0.7	10	129	4	0.16
200318	16:54:57.71	40° 45.55'	112° 03.73'	8.6	1.8W	29	49	4	0.19
200318	16:55:07.18	40° 45.13'	112° 03.50'	8.5	1.8W	19	83	3	0.16
200318	16:55:57.20	40° 44.87'	112° 03.95'	7.6	1.1	10	102	5	0.27
200318	16:56:22.18	40° 44.82'	112° 02.51'	7.4	1.7W	36	44	2	0.14
200318	16:56:37.10	40° 47.10'	112° 02.12'	6.9	1.2	10	142	1	0.29
200318	16:58:10.60	40° 45.12'	112° 02.35'	7.4	1.2W	14	79	3	0.15
200318	16:59:02.51	40° 45.37'	112° 03.40'	7.5	2.1W	31	53	3	0.17
200318	17:00:02.86	40° 45.09'	112° 03.62'	7.7	1.8W	26	56	3	0.15
200318	17:02:22.94	40° 45.05'	112° 02.28'	7.5	1.4W	24	73	3	0.20
200318	17:04:06.78	40° 45.07'	112° 02.57'	7.5	1.7W	36	52	3	0.15
200318	17:04:20.40	40° 45.55'	112° 03.82'	7.0	--	13	114	4	0.19
200318	17:08:17.75	40° 43.26'	112° 06.45'	9.8	2.3W	41	48	4	0.16
200318	17:11:23.65	40° 44.92'	112° 04.32'	8.7	1.2W	20	94	4	0.16
200318	17:11:39.76	40° 46.23'	112° 03.14'	8.6	1.1	26	60	2	0.12
200318	17:12:28.81	40° 46.99'	112° 04.21'	9.3	0.8	17	100	4	0.17
200318	17:12:38.82	40° 44.86'	112° 04.32'	10.2	1.4W	14	91	5	0.14
200318	17:13:35.93	40° 45.31'	112° 03.34'	8.5	1.4W	21	57	3	0.08
200318	17:13:48.82	40° 45.63'	112° 03.24'	8.0	2.6W	33	58	3	0.14
200318	17:16:49.59	40° 45.06'	112° 02.53'	8.3	3.1W	39	45	3	0.14
200318	17:17:10.93	40° 45.09'	112° 02.35'	8.7	3.1W	21	75	3	0.11
200318	17:18:24.82	40° 45.78'	112° 04.20'	9.5	2.5W	19	59	4	0.12
200318	17:20:42.04	40° 45.49'	112° 02.71'	7.7	1.9W	45	46	3	0.20

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200318	17:21:36.26	40° 44.78'	112° 03.44'	8.8	1.6W	33	57	3	0.21
200318	17:23:07.39	40° 45.41'	112° 03.47'	8.2	0.9W	21	72	3	0.14
200318	17:23:40.32	40° 44.84'	112° 04.10'	8.6	1.0	16	109	4	0.12
200318	17:24:19.69	40° 44.92'	112° 02.64'	8.3	1.2W	29	52	2	0.19
200318	17:24:56.03	40° 44.82'	112° 03.63'	8.6	1.4W	32	55	3	0.19
200318	17:26:02.55	40° 45.15'	112° 03.52'	7.4	1.2W	29	56	3	0.14
200318	17:27:23.23	40° 45.12'	112° 02.56'	8.4	1.6W	36	52	3	0.18
200318	17:29:32.45	40° 45.76'	112° 03.02'	8.9	1.2W	14	78	3	0.15
200318	17:29:40.61	40° 45.62'	112° 03.63'	8.0	1.6W	25	82	3	0.10
200318	17:34:05.16	40° 45.46'	112° 03.51'	6.4	0.6W	17	74	3	0.16
200318	17:35:09.97	40° 46.07'	112° 03.95'	7.2	1.3W	22	57	3	0.17
200318	17:36:57.10	40° 45.66'	112° 03.74'	4.0	0.4	14	82	3	0.15
200318	17:37:06.82	40° 44.78'	112° 02.05'	8.0	2.4W	37	43	2	0.09
200318	17:37:24.94	40° 44.70'	112° 05.36'	8.3	1.1	11	94	6	0.09
200318	17:37:38.74	40° 46.51'	112° 02.90'	8.9	0.9	16	130	2	0.13
200318	17:40:32.39	40° 44.48'	112° 04.49'	9.1	1.6W	31	53	4	0.14
200318	17:43:29.26	40° 45.35'	112° 03.06'	8.7	2.3W	21	57	3	0.09
200318	17:45:09.90	40° 44.95'	112° 04.63'	9.0	1.3	20	75	4	0.12
200318	17:46:43.16	40° 45.35'	112° 01.83'	7.1	1.3W	23	58	3	0.11
200318	17:47:10.77	40° 45.37'	112° 03.37'	8.1	1.3W	24	57	4	0.14
200318	17:49:01.91	40° 44.70'	112° 03.68'	7.2	0.9W	27	61	3	0.13
200318	17:50:09.08	40° 46.06'	112° 04.68'	9.7	1.3W	27	68	4	0.15
200318	17:50:58.18	40° 45.42'	112° 02.72'	7.6	2.0W	32	46	3	0.11
200318	17:54:29.40	40° 45.12'	112° 04.01'	9.2	0.6W	15	72	4	0.08
200318	17:55:16.57	40° 43.31'	112° 05.71'	8.9	0.9	10	92	4	0.09
200318	17:56:29.32	40° 46.39'	112° 02.00'	9.2	1.6W	28	54	1	0.11
200318	17:57:37.33	40° 45.40'	112° 03.04'	10.1	2.1W	52	47	3	0.19
200318	18:01:00.11	40° 45.48'	112° 03.63'	7.7	0.9W	18	75	4	0.12
200318	18:02:22.35	40° 44.97'	112° 03.03'	8.3	1.0W	24	56	3	0.11
200318	18:04:13.83	40° 44.76'	112° 02.48'	8.9	1.9W	41	44	2	0.14
200318	18:10:05.67	40° 46.86'	112° 04.81'	8.1	0.5	19	109	4	0.12
200318	18:10:32.99	40° 44.75'	112° 02.83'	7.7	0.6	23	50	2	0.13
200318	18:10:57.18	40° 45.25'	112° 02.97'	3.4	0.1	18	57	3	0.09
200318	18:11:08.88	40° 47.31'	112° 04.37'	10.8	2.0W	43	56	4	0.18
200318	18:11:49.99	40° 44.66'	112° 03.95'	5.5	0.2	19	93	10	0.10
200318	18:12:12.17	40° 45.14'	112° 03.17'	8.8	1.0	21	56	4	0.12
200318	18:12:40.70	40° 45.52'	112° 02.08'	6.0	0.4	21	58	4	0.16
200318	18:12:47.31	40° 45.70'	112° 04.30'	8.9	0.6	20	57	4	0.11
200318	18:13:43.09	40° 46.03'	112° 04.59'	8.7	2.0W	40	54	4	0.15
200318	18:16:08.37	40° 46.15'	112° 04.05'	8.6	1.2W	24	60	3	0.12
200318	18:17:11.23	40° 45.37'	112° 02.45'	6.9	0.6	14	71	3	0.16
200318	18:19:22.21	40° 43.97'	112° 04.70'	11.0	1.5W	25	56	4	0.12
200318	18:19:40.20	40° 45.37'	112° 05.66'	10.1	1.4	16	102	6	0.17
200318	18:20:44.02	40° 45.01'	112° 08.08'	-1.3	1.1	12	96	8	0.25
200318	18:21:45.11	40° 45.13'	112° 02.75'	7.5	1.3	18	54	3	0.09

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200318	18:22:01.59	40° 46.39'	112° 05.68'	8.7	1.1W	21	104	6	0.13
200318	18:22:08.21	40° 43.17'	112° 04.11'	11.4	1.3	20	82	4	0.17
200318	18:22:32.33	40° 45.08'	112° 02.57'	7.3	1.0	17	52	3	0.19
200318	18:24:57.23	40° 44.82'	112° 02.36'	6.7	1.2W	30	51	2	0.15
200318	18:25:55.22	40° 44.64'	112° 03.95'	8.6	0.4	9	124	7	0.05
200318	18:26:08.30	40° 45.10'	112° 03.86'	7.5	0.5	9	112	4	0.11
200318	18:26:49.66	40° 45.19'	112° 02.00'	7.7	1.0W	21	77	3	0.13
200318	18:27:06.10	40° 45.72'	112° 04.20'	9.7	1.8W	38	51	4	0.13
200318	18:30:24.70	40° 44.01'	112° 04.72'	6.3	1.2	10	89	4	0.07
200318	18:30:44.68	40° 44.79'	112° 02.88'	10.2	3.0W	50	44	2	0.17
200318	18:35:03.34	40° 44.50'	112° 04.05'	9.8	0.9W	16	92	6	0.12
200318	18:38:22.18	40° 44.57'	112° 05.53'	5.5	0.7	19	91	6	0.17
200318	18:38:47.80	40° 45.47'	112° 04.56'	10.1	1.3W	29	54	5	0.14
200318	18:43:54.95	40° 45.09'	112° 02.85'	7.0	0.9	14	73	3	0.10
200318	18:44:26.37	40° 44.92'	112° 02.60'	7.3	1.0	16	71	4	0.08
200318	18:45:40.69	40° 46.29'	112° 05.02'	8.6	0.5	11	105	5	0.11
200318	18:46:14.02	40° 46.90'	112° 04.97'	7.3	0.9	10	130	5	0.10
200318	18:47:05.17	40° 46.84'	112° 04.60'	8.6	0.4	12	109	4	0.11
200318	18:47:12.36	40° 45.41'	112° 05.00'	10.1	1.0	10	112	8	0.09
200318	18:47:27.09	40° 44.96'	112° 04.49'	9.5	0.8	10	123	11	0.13
200318	18:49:49.83	40° 45.04'	112° 03.85'	7.3	0.7	12	112	7	0.11
200318	18:50:59.38	40° 44.45'	112° 03.66'	8.2	1.1W	18	62	3	0.10
200318	18:52:43.50	40° 46.48'	112° 04.21'	10.4	1.3W	19	107	4	0.07
200318	18:53:22.22	40° 45.80'	112° 02.02'	6.7	1.2W	17	69	13	0.09
200318	18:54:22.18	40° 45.85'	112° 04.28'	9.9	2.3W	36	60	4	0.13
200318	18:59:56.60	40° 45.26'	112° 03.12'	8.4	0.9	15	71	3	0.12
200318	19:00:37.49	40° 44.77'	112° 02.17'	8.2	1.1W	19	57	2	0.12
200318	19:01:47.80	40° 45.69'	112° 03.66'	6.1	1.0	19	82	3	0.13
200318	19:01:47.94	40° 45.51'	112° 03.46'	1.8*	0.8	15	100	13	0.13
200318	19:02:48.21	40° 45.37'	112° 03.18'	8.0	1.0W	18	66	3	0.09
200318	19:03:39.07	40° 45.60'	112° 03.44'	7.4	0.9W	16	76	3	0.15
200318	19:06:05.34	40° 44.68'	112° 03.94'	7.5	0.9W	20	65	3	0.11
200318	19:07:30.25	40° 45.64'	112° 03.96'	9.0	3.4W	41	50	4	0.18
200318	19:08:22.29	40° 45.86'	112° 02.70'	8.6	1.4	15	104	2	0.18
200318	19:08:38.89	40° 45.87'	112° 04.99'	6.5	1.6	16	126	5	0.16
200318	19:08:47.19	40° 45.81'	112° 04.48'	6.8	1.5	17	121	4	0.17
200318	19:09:05.07	40° 45.69'	112° 03.78'	8.1	1.2	12	115	3	0.11
200318	19:09:14.98	40° 45.96'	112° 03.90'	7.7	1.5	15	115	3	0.11
200318	19:09:39.27	40° 46.36'	112° 03.85'	1.0	0.4	8	215	10	0.14
200318	19:10:05.34	40° 45.61'	112° 02.64'	5.8	0.6	11	121	4	0.10
200318	19:10:14.09	40° 46.12'	112° 03.88'	7.7	1.5	15	114	3	0.14
200318	19:11:36.61	40° 45.07'	112° 02.99'	8.5	1.8W	29	46	3	0.12
200318	19:12:23.61	40° 45.06'	112° 03.54'	10.6	4.6M	47	47	3	0.21
200318	19:13:14.50	40° 45.01'	112° 04.63'	5.7	--	11	124	4	0.14
200318	19:13:25.00	40° 45.19'	112° 04.59'	8.0	2.6	13	123	4	0.16

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200318	19:13:33.23	40° 45.10'	112° 04.35'	10.8	--	10	121	4	0.27
200318	19:13:57.96	40° 44.69'	112° 03.72'	7.7	--	11	115	3	0.09
200318	19:14:07.99	40° 45.48'	112° 04.13'	5.4	--	7	118	4	0.11
200318	19:14:43.77	40° 45.11'	112° 04.67'	7.3	1.8	14	124	4	0.15
200318	19:15:08.77	40° 45.56'	112° 03.27'	8.6	1.7	20	85	3	0.14
200318	19:15:26.28	40° 46.20'	112° 02.48'	6.9	1.8	18	88	1	0.16
200318	19:15:39.09	40° 45.04'	112° 03.44'	8.9	2.6W	49	47	3	0.16
200318	19:16:11.60	40° 45.03'	112° 03.58'	9.4	1.4	9	113	3	0.09
200318	19:16:31.65	40° 45.73'	112° 04.05'	5.9	0.7	7	116	4	0.10
200318	19:16:43.53	40° 45.08'	112° 03.83'	8.9	1.2	19	88	4	0.20
200318	19:16:55.61	40° 44.93'	112° 02.62'	8.0	0.9	9	104	3	0.07
200318	19:17:13.97	40° 44.78'	112° 02.74'	8.9	0.9	12	105	2	0.10
200318	19:17:36.01	40° 44.38'	112° 03.45'	8.8	1.4	15	82	2	0.13
200318	19:18:20.60	40° 45.08'	112° 04.82'	6.0	--	9	161	5	0.09
200318	19:18:30.91	40° 44.66'	112° 02.16'	8.1	0.9	20	101	2	0.13
200318	19:18:47.94	40° 45.41'	112° 02.71'	7.3	--	26	58	3	0.18
200318	19:18:52.46	40° 45.15'	112° 03.43'	6.6	1.6W	19	112	3	0.14
200318	19:20:21.32	40° 45.12'	112° 03.10'	5.1	2.0W	22	56	3	0.15
200318	19:20:37.29	40° 45.08'	112° 03.10'	8.8	2.6W	21	56	3	0.11
200318	19:22:40.02	40° 45.70'	112° 03.13'	9.1	2.3W	52	48	3	0.19
200318	19:23:53.46	40° 45.98'	112° 05.23'	10.8	1.6W	18	98	5	0.14
200318	19:26:56.62	40° 45.39'	112° 03.16'	8.6	0.9	21	67	3	0.10
200318	19:27:20.57	40° 44.51'	112° 02.59'	8.8	0.9W	22	51	2	0.11
200318	19:27:41.94	40° 45.59'	112° 02.88'	9.4	1.1W	23	57	3	0.14
200318	19:30:26.08	40° 45.33'	112° 03.32'	9.5	1.9W	52	47	3	0.20
200318	19:31:32.05	40° 44.38'	112° 05.45'	9.9	1.6W	30	95	5	0.19
200318	19:33:38.29	40° 45.41'	112° 01.96'	7.2	1.2	20	62	2	0.13
200318	19:34:36.64	40° 45.66'	112° 03.80'	7.1	0.9	17	83	4	0.13
200318	19:35:37.47	40° 45.69'	112° 02.94'	9.8	2.8W	44	56	3	0.18
200318	19:36:30.02	40° 44.69'	112° 03.24'	9.0	1.8W	21	59	3	0.11
200318	19:37:21.35	40° 44.91'	112° 04.79'	9.4	1.4	16	91	4	0.14
200318	19:37:26.61	40° 45.59'	112° 03.46'	9.7	2.3W	39	48	3	0.21
200318	19:40:12.15	40° 45.33'	112° 03.21'	7.6	2.0W	48	47	3	0.17
200318	19:42:37.49	40° 45.51'	112° 03.31'	7.8	1.4W	28	49	3	0.17
200318	19:44:11.92	40° 45.48'	112° 03.33'	7.7	1.7W	35	52	3	0.19
200318	19:46:13.15	40° 45.44'	112° 03.21'	7.7	1.6W	29	58	3	0.17
200318	19:47:23.58	40° 45.09'	112° 04.14'	6.9	0.7	12	99	5	0.23
200318	19:47:59.76	40° 44.90'	112° 02.21'	8.6	1.0	23	51	2	0.10
200318	19:49:21.08	40° 47.46'	112° 03.92'	10.4	0.9	17	116	3	0.14
200318	19:50:53.54	40° 45.08'	112° 02.67'	9.1	1.1	21	70	3	0.14
200318	19:51:15.07	40° 47.42'	112° 03.66'	9.3	0.8	12	117	3	0.17
200318	19:51:49.84	40° 44.11'	112° 05.01'	9.2	0.8	11	99	5	0.08
200318	19:52:00.46	40° 45.69'	112° 02.56'	9.4	2.0W	26	104	2	0.15
200318	19:55:51.19	40° 44.80'	112° 02.61'	9.8	2.2W	37	44	2	0.15
200318	19:58:00.13	40° 45.22'	112° 04.06'	5.2	0.9W	12	86	4	0.06

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200318	19:58:36.61	40° 45.37'	112° 03.40'	9.9	2.2W	46	47	3	0.20
200318	20:01:34.26	40° 45.20'	112° 03.23'	3.5*	1.1W	22	53	13	0.15
200318	20:04:33.32	40° 45.76'	112° 03.08'	8.0	0.9	30	58	3	0.14
200318	20:05:02.52	40° 46.19'	112° 04.66'	9.9	1.8W	33	54	4	0.18
200318	20:06:01.04	40° 44.53'	112° 02.97'	8.8	0.6	15	78	2	0.09
200318	20:09:04.98	40° 43.95'	112° 04.81'	9.3	1.1	25	61	5	0.13
200318	20:09:28.72	40° 44.43'	112° 05.59'	9.0	1.0	14	96	6	0.12
200318	20:11:09.64	40° 44.87'	112° 02.53'	7.2	0.8	15	95	2	0.12
200318	20:12:29.69	40° 44.28'	112° 02.19'	6.5	0.5	16	106	7	0.16
200318	20:13:22.03	40° 44.05'	112° 06.02'	6.4	0.5	9	96	9	0.12
200318	20:14:42.64	40° 45.14'	112° 02.85'	8.2	1.2W	37	52	3	0.15
200318	20:14:52.75	40° 44.28'	112° 03.66'	9.9	1.5	27	82	2	0.10
200318	20:15:37.14	40° 46.08'	112° 03.80'	3.6	0.4	14	104	9	0.12
200318	20:17:39.16	40° 45.52'	112° 03.72'	5.8*	1.3W	28	54	13	0.16
200318	20:19:47.36	40° 45.83'	112° 01.81'	6.6	1.2W	26	68	2	0.17
200318	20:20:14.46	40° 44.73'	112° 02.03'	8.3	1.8W	29	42	2	0.11
200318	20:22:20.05	40° 44.64'	112° 02.22'	7.8	1.5W	26	55	2	0.16
200318	20:24:03.89	40° 45.38'	112° 03.59'	8.4	1.5W	28	56	4	0.14
200318	20:24:13.09	40° 43.92'	112° 06.20'	8.8	1.5	13	145	5	0.14
200318	20:26:40.47	40° 45.25'	112° 04.71'	10.3	1.1	16	90	5	0.08
200318	20:28:02.43	40° 44.96'	112° 02.77'	8.6	1.7W	45	45	3	0.22
200318	20:30:01.62	40° 45.55'	112° 03.87'	7.5	0.7	16	89	4	0.13
200318	20:30:56.42	40° 45.20'	112° 02.47'	6.9	1.4	19	98	3	0.15
200318	20:31:07.51	40° 45.06'	112° 03.47'	8.2	0.6	14	113	8	0.09
200318	20:32:27.71	40° 44.80'	112° 03.49'	7.4	1.3W	24	60	3	0.12
200318	20:35:57.35	40° 45.79'	112° 04.27'	9.7	1.0	15	107	4	0.08
200318	20:36:14.53	40° 44.81'	112° 02.35'	8.2	1.1W	27	51	2	0.18
200318	20:38:33.17	40° 45.08'	112° 03.03'	6.8	0.4	14	96	8	0.16
200318	20:38:47.61	40° 45.14'	112° 03.45'	7.1	1.0	15	98	3	0.11
200318	20:40:46.44	40° 45.17'	111° 58.54'	10.0	0.4	7	133	3	0.12
200318	20:41:12.58	40° 45.46'	112° 04.80'	9.0	1.1	23	53	5	0.15
200318	20:41:28.24	40° 45.11'	112° 04.07'	5.5*	0.2	9	121	12	0.09
200318	20:42:52.97	40° 44.36'	112° 03.07'	8.7	1.5W	26	49	2	0.12
200318	20:45:34.90	40° 44.22'	112° 02.57'	9.8	1.1W	17	105	1	0.13
200318	20:46:38.36	40° 45.37'	112° 02.86'	8.8	0.9	22	57	3	0.10
200318	20:49:06.71	40° 43.98'	112° 05.72'	8.6	0.7	11	96	9	0.10
200318	20:49:53.39	40° 45.56'	112° 04.94'	7.4	0.4	9	112	12	0.13
200318	20:50:23.18	40° 44.77'	112° 03.44'	7.2	0.6	13	82	3	0.09
200318	20:50:44.15	40° 45.61'	112° 03.17'	7.3	0.6	17	73	3	0.11
200318	20:54:03.68	40° 46.21'	112° 02.75'	5.7*	0.9	13	107	13	0.11
200318	20:54:29.41	40° 45.47'	112° 03.37'	7.3	0.7	12	108	12	0.10
200318	20:55:48.66	40° 46.26'	112° 04.73'	8.3	0.7	14	121	4	0.18
200318	21:00:39.36	40° 45.29'	112° 03.96'	7.6	1.0	15	98	8	0.14
200318	21:01:43.66	40° 45.39'	112° 02.93'	7.8	1.2W	19	63	3	0.13
200318	21:04:33.91	40° 43.84'	112° 04.27'	7.7	0.9	13	108	10	0.12

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200318	21:09:16.98	40° 44.59'	112° 03.80'	5.9	0.9	13	107	3	0.17
200318	21:10:54.12	40° 44.57'	112° 02.32'	5.4	1.1W	18	54	4	0.20
200318	21:11:10.74	40° 44.92'	112° 02.91'	11.1	2.9W	53	45	3	0.22
200318	21:16:41.90	40° 43.62'	112° 03.65'	9.0	1.3W	17	89	2	0.13
200318	21:19:26.20	40° 44.70'	112° 05.01'	8.4	0.9W	19	92	4	0.07
200318	21:19:44.86	40° 47.30'	112° 04.65'	8.6	0.8	13	136	4	0.09
200318	21:20:34.30	40° 45.23'	112° 03.26'	9.0	0.8	21	65	3	0.10
200318	21:21:14.71	40° 44.54'	112° 02.96'	6.9	1.2W	24	93	2	0.14
200318	21:22:58.53	40° 44.52'	112° 02.92'	9.2	2.8W	23	78	2	0.11
200318	21:28:37.58	40° 44.02'	112° 03.80'	8.1	1.0	19	88	6	0.13
200318	21:29:52.80	40° 45.47'	112° 03.03'	9.4	1.5W	28	53	3	0.12
200318	21:30:18.43	40° 44.59'	112° 03.13'	8.5	1.2	20	74	2	0.12
200318	21:31:12.83	40° 44.96'	112° 02.51'	8.1	1.2W	27	46	3	0.16
200318	21:33:38.47	40° 44.87'	112° 03.29'	7.9	1.8W	42	46	3	0.16
200318	21:38:26.49	40° 45.38'	112° 02.80'	4.4	0.6	15	99	8	0.12
200318	21:39:00.69	40° 43.91'	112° 04.77'	9.6	1.3W	32	51	5	0.20
200318	21:41:24.07	39° 24.26'	110° 17.46'	-2.4	2.0W	14	204	4	0.14
200318	21:46:26.47	40° 44.20'	112° 04.87'	8.1	0.6	14	100	6	0.16
200318	21:55:07.44	40° 45.59'	112° 04.04'	6.5	0.5	10	118	4	0.07
200318	21:58:16.70	40° 46.04'	112° 04.93'	7.3	0.8	17	98	5	0.16
200318	22:00:57.70	40° 45.05'	112° 02.46'	7.7	1.0	21	52	3	0.13
200318	22:02:14.11	40° 44.40'	112° 03.31'	6.5	0.9	17	92	2	0.10
200318	22:03:51.65	40° 43.69'	112° 05.71'	7.6	0.8	14	86	5	0.17
200318	22:09:13.95	40° 44.20'	112° 05.96'	7.1	0.8	13	97	5	0.10
200318	22:16:46.65	40° 44.44'	112° 05.11'	7.3	1.2	16	100	6	0.22
200318	22:23:53.03	40° 44.75'	112° 02.79'	7.3	0.9W	21	52	2	0.11
200318	22:25:56.71	40° 44.94'	112° 01.88'	7.8	1.2	21	72	3	0.10
200318	22:26:38.65	40° 41.60'	112° 07.11'	10.2	0.2	10	94	3	0.09
200318	22:27:15.19	40° 45.56'	112° 03.35'	8.0	0.8	14	92	3	0.10
200318	22:27:53.34	40° 45.08'	112° 01.45'	8.2	1.8W	42	42	3	0.16
200318	22:31:11.76	40° 47.03'	112° 03.84'	9.1	0.7	13	113	3	0.10
200318	22:32:29.76	40° 43.60'	112° 04.80'	7.8	1.0	14	96	5	0.10
200318	22:33:11.59	40° 46.30'	112° 04.46'	8.8	1.0	21	86	4	0.17
200318	22:34:02.90	40° 45.47'	112° 04.38'	7.5	0.6	14	83	4	0.16
200318	22:37:27.94	40° 44.71'	112° 02.48'	8.6	1.2W	32	45	2	0.14
200318	22:39:18.93	40° 45.09'	112° 02.55'	7.2	0.9	19	64	3	0.16
200318	22:40:56.65	40° 44.76'	112° 03.49'	9.5	0.6	15	109	3	0.08
200318	22:43:20.54	40° 46.50'	112° 06.18'	8.8	0.9W	27	68	6	0.19
200318	22:43:45.37	40° 44.98'	112° 01.85'	7.0	1.8W	32	43	3	0.14
200318	22:46:29.10	40° 44.95'	112° 04.77'	8.2	2.1W	38	50	4	0.18
200318	22:47:42.04	40° 46.66'	112° 06.02'	8.3	0.9	28	60	6	0.14
200318	22:51:13.70	40° 44.48'	112° 02.94'	7.0	1.0	22	52	2	0.16
200318	22:52:23.73	40° 46.18'	112° 04.44'	9.6	1.0W	22	61	4	0.14
200318	22:53:00.50	40° 43.94'	112° 04.54'	9.4	1.2W	37	50	3	0.22
200318	22:53:44.99	40° 46.26'	112° 04.45'	9.3	1.5W	33	53	4	0.13

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200318	23:00:35.68	40° 43.69'	112° 02.94'	9.5	1.9W	37	40	1	0.15
200318	23:09:56.59	40° 45.09'	112° 02.84'	9.3	1.3W	31	46	3	0.12
200318	23:11:10.44	40° 44.47'	112° 02.53'	9.1	1.0W	29	42	2	0.14
200318	23:14:20.21	40° 45.69'	112° 03.75'	8.2	1.1	19	83	3	0.10
200318	23:15:13.13	40° 46.23'	112° 05.23'	9.1	2.2W	42	56	5	0.14
200318	23:17:41.44	40° 44.13'	112° 05.26'	8.9	0.9	15	98	4	0.14
200318	23:17:56.26	40° 45.76'	112° 03.71'	7.2	0.8	20	85	3	0.17
200318	23:18:06.12	40° 45.53'	112° 04.11'	7.3	1.1	22	86	4	0.14
200318	23:25:11.25	40° 44.38'	112° 02.91'	9.5	0.9	15	107	2	0.12
200318	23:27:11.07	40° 44.49'	112° 02.91'	8.6	0.9	17	63	2	0.08
200318	23:28:30.26	40° 44.80'	112° 02.82'	7.3	1.4	18	94	2	0.12
200318	23:33:18.87	40° 44.58'	112° 02.70'	8.1	0.8W	25	68	2	0.13
200318	23:33:49.35	40° 45.41'	112° 02.29'	7.3	2.0W	37	45	3	0.18
200318	23:39:50.69	40° 45.86'	112° 04.15'	5.5	0.8	18	91	4	0.16
200318	23:41:50.01	40° 45.22'	112° 02.94'	5.8	-0.1	8	128	3	0.05
200318	23:42:04.05	40° 44.42'	112° 04.00'	2.1*	-0.4	7	118	11	0.04
200318	23:42:16.80	40° 45.95'	112° 04.40'	7.1	--	6	127	13	0.03
200318	23:42:18.27	40° 46.07'	112° 04.59'	7.6	0.6	11	121	9	0.09
200318	23:42:27.16	40° 45.77'	112° 03.03'	5.4	0.2	11	78	3	0.06
200318	23:42:50.00	40° 45.80'	112° 04.94'	10.2	0.7	16	109	5	0.11
200318	23:50:26.74	40° 45.94'	112° 04.49'	8.1	0.6	10	112	4	0.10
200318	23:51:10.11	40° 45.36'	112° 04.26'	8.7	0.5	21	79	4	0.09
200318	23:51:20.29	40° 44.93'	112° 03.90'	6.5	0.2	18	67	3	0.11
200318	23:52:23.83	40° 44.91'	112° 02.14'	9.5	0.2	17	74	2	0.17
200318	23:55:33.52	40° 45.96'	112° 02.21'	5.5	0.7	15	105	4	0.09
200318	23:57:55.31	40° 44.66'	112° 02.52'	9.3	0.8W	17	94	7	0.14
200318	23:59:09.11	40° 45.25'	112° 02.75'	6.3	0.5W	18	98	3	0.14
200319	00:03:19.59	40° 44.65'	112° 02.73'	8.6	1.4W	33	43	2	0.15
200319	00:04:51.31	40° 43.98'	112° 04.00'	9.5	1.7W	31	50	3	0.12
200319	00:09:15.78	40° 44.53'	112° 02.53'	9.2	1.4W	30	43	2	0.11
200319	00:13:28.30	40° 46.77'	112° 04.27'	9.8	1.3W	33	57	4	0.20
200319	00:19:51.41	40° 45.81'	112° 04.73'	9.3	0.8	19	109	5	0.19
200319	00:21:25.57	40° 44.08'	112° 04.56'	9.6	0.4	17	100	3	0.08
200319	00:21:53.70	40° 44.61'	112° 02.67'	9.6	0.7W	26	55	2	0.13
200319	00:22:09.92	40° 45.17'	112° 02.52'	7.7	0.5	18	98	3	0.15
200319	00:25:11.27	40° 44.64'	112° 02.19'	9.6	-0.2	6	138	4	0.06
200319	00:25:29.01	40° 44.63'	112° 02.74'	8.9	0.9W	23	51	3	0.10
200319	00:26:25.96	40° 43.77'	112° 02.80'	11.0	1.7W	32	40	1	0.11
200319	00:27:06.11	40° 44.39'	112° 04.00'	6.2	0.4	16	105	3	0.16
200319	00:30:21.82	40° 45.77'	112° 02.34'	7.0	0.5	16	57	2	0.11
200319	00:30:47.14	40° 45.28'	112° 03.91'	9.5	0.6	15	75	4	0.12
200319	00:33:40.63	40° 45.33'	112° 03.15'	7.6	1.1	23	58	2	0.15
200319	00:35:51.46	40° 45.08'	112° 02.84'	6.7	0.3	16	97	3	0.12
200319	00:36:03.49	40° 46.10'	112° 03.79'	6.0	0.2	17	96	3	0.16
200319	00:40:15.16	40° 44.54'	112° 02.47'	9.6	--	11	109	3	0.07

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200319	00:40:17.06	40° 47.11'	112° 04.06'	9.5	1.1	22	113	4	0.12
200319	00:40:35.19	40° 47.25'	112° 03.82'	8.1	0.6	14	115	4	0.09
200319	00:44:47.27	40° 44.92'	112° 02.24'	8.9	1.9W	43	44	2	0.14
200319	00:47:54.32	40° 45.64'	112° 04.21'	6.1	0.1	12	125	5	0.06
200319	00:48:24.96	40° 46.41'	112° 04.60'	5.9	0.0	13	125	6	0.17
200319	00:48:35.45	40° 44.81'	112° 02.86'	7.5	0.4	17	111	2	0.14
200319	00:48:57.84	40° 45.53'	112° 03.27'	5.3	0.1	14	85	3	0.14
200319	00:53:55.13	40° 41.55'	111° 23.23'	12.9	0.4	14	67	6	0.12
200319	01:03:08.30	40° 44.46'	112° 02.42'	8.6	1.1W	31	42	2	0.13
200319	01:11:01.60	40° 46.27'	112° 04.85'	6.7	-0.1	12	122	6	0.15
200319	01:11:16.80	40° 45.02'	112° 01.74'	7.5	0.3	16	96	3	0.10
200319	01:12:06.48	40° 45.54'	112° 05.10'	8.9	0.3	14	93	5	0.12
200319	01:13:37.58	40° 46.26'	112° 02.08'	10.0	1.0W	18	64	1	0.06
200319	01:14:44.92	40° 46.21'	112° 04.65'	9.7	0.7W	14	102	4	0.08
200319	01:18:12.61	40° 45.54'	112° 04.64'	7.5	0.5	14	115	8	0.11
200319	01:20:19.22	40° 45.99'	112° 04.60'	7.5	0.4	15	103	6	0.12
200319	01:23:02.23	40° 46.09'	112° 04.45'	8.4	0.8	17	99	4	0.14
200319	01:23:33.99	40° 44.78'	112° 01.96'	8.0	0.9	16	94	2	0.11
200319	01:27:09.35	40° 44.86'	112° 02.67'	6.2	0.5	13	95	2	0.16
200319	01:28:57.92	40° 44.67'	112° 01.99'	9.6	1.5W	15	101	4	0.10
200319	01:33:27.12	40° 46.19'	112° 04.52'	9.8	1.4W	15	105	2	0.12
200319	01:36:20.97	40° 44.06'	112° 04.60'	9.3	0.6	15	100	4	0.22
200319	01:38:24.26	40° 46.44'	112° 04.19'	9.6	0.7	24	87	2	0.11
200319	01:38:33.31	40° 45.03'	112° 02.49'	9.5	-0.1	10	214	3	0.10
200319	01:40:09.09	40° 44.50'	112° 02.65'	7.9	0.9	16	54	2	0.13
200319	01:41:24.36	40° 44.46'	112° 03.11'	7.0	0.6	15	92	2	0.11
200319	01:44:26.34	40° 46.08'	112° 04.45'	13.4	0.8	23	86	2	0.22
200319	01:44:31.01	40° 44.53'	112° 05.53'	6.3	1.0	13	135	2	0.23
200319	01:46:14.48	40° 45.64'	112° 03.05'	0.6	0.9	16	101	4	0.23
200319	01:47:11.93	40° 43.86'	112° 03.71'	9.9	0.9W	21	85	2	0.09
200319	01:48:40.41	40° 44.24'	112° 03.92'	8.6	0.7	19	90	3	0.11
200319	01:49:11.23	40° 46.08'	112° 03.82'	8.7	0.8	12	114	5	0.12
200319	01:50:18.29	40° 44.50'	112° 04.86'	10.6	0.2	11	91	1	0.15
200319	01:50:40.08	40° 44.85'	112° 02.41'	8.1	0.9W	25	52	2	0.10
200319	01:51:04.57	40° 46.76'	112° 04.19'	9.7	0.6	17	109	3	0.10
200319	01:53:48.22	40° 43.48'	112° 04.90'	10.3	2.3W	29	88	4	0.15
200319	01:54:58.01	40° 45.01'	112° 02.22'	8.0	1.9W	38	49	3	0.13
200319	01:58:02.43	40° 46.15'	112° 01.52'	4.5	0.1	11	139	5	0.14
200319	01:58:15.15	40° 45.74'	112° 03.23'	8.6	1.4W	38	49	3	0.13
200319	01:59:59.46	40° 44.83'	112° 02.82'	7.6	0.6	12	94	2	0.13
200319	02:00:23.62	40° 44.35'	112° 03.32'	7.6	1.1W	26	91	2	0.18
200319	02:00:39.25	40° 45.36'	112° 03.61'	7.7	0.4	11	115	4	0.08
200319	02:01:34.76	40° 44.74'	112° 04.99'	12.5	0.7	16	105	5	0.21
200319	02:02:29.23	40° 44.36'	112° 03.06'	8.4	0.9W	27	49	2	0.13
200319	02:08:55.90	40° 44.40'	112° 02.23'	9.3	0.6	11	107	1	0.07

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200319	02:09:05.50	40° 44.58'	112° 01.86'	7.4	0.5	14	92	2	0.11
200319	02:12:13.89	40° 43.96'	112° 05.27'	9.8	0.7	18	88	4	0.09
200319	02:12:25.30	40° 45.76'	112° 04.73'	8.1	0.7	13	117	5	0.09
200319	02:13:47.72	40° 43.94'	112° 03.48'	10.3	1.3W	19	63	2	0.11
200319	02:15:58.08	40° 45.06'	112° 01.86'	7.4	0.7W	14	98	3	0.08
200319	02:16:41.39	40° 44.72'	112° 02.77'	8.4	0.9	26	52	2	0.13
200319	02:17:43.68	40° 46.76'	112° 04.03'	9.1	0.5	21	110	3	0.11
200319	02:22:25.16	40° 44.63'	112° 02.69'	8.4	-0.3	6	121	2	0.06
200319	02:22:39.59	40° 45.51'	112° 02.37'	7.0	0.5	17	100	4	0.15
200319	02:22:43.54	40° 44.14'	112° 04.31'	8.0	1.0W	17	94	3	0.16
200319	02:23:03.01	40° 45.89'	112° 03.51'	6.6	0.0	9	123	5	0.09
200319	02:24:41.03	40° 44.83'	112° 01.11'	9.0	-0.2	12	108	10	0.09
200319	02:25:06.73	40° 45.22'	112° 04.33'	7.2	0.7	20	97	4	0.13
200319	02:25:47.15	40° 45.17'	112° 02.18'	7.4	0.6	23	56	3	0.15
200319	02:26:06.89	40° 45.53'	112° 01.50'	7.9	1.0	23	73	2	0.14
200319	02:26:32.81	40° 45.89'	112° 02.30'	6.4	0.3	16	93	2	0.06
200319	02:26:46.38	40° 45.07'	112° 01.77'	7.5	1.0	22	75	3	0.12
200319	02:27:40.76	40° 45.55'	112° 04.95'	9.2	-0.1	11	126	5	0.09
200319	02:32:55.98	40° 44.06'	112° 04.87'	10.5	1.5W	28	50	4	0.12
200319	02:34:19.76	40° 44.87'	112° 03.96'	8.7	3.0W	45	52	3	0.15
200319	02:40:29.59	40° 46.14'	112° 05.26'	5.1	0.9	12	119	6	0.21
200319	02:41:20.78	40° 45.62'	112° 04.51'	10.0	1.6W	32	55	4	0.13
200319	02:42:25.62	40° 46.41'	112° 03.54'	8.4	2.1W	38	51	3	0.11
200319	02:48:12.60	40° 44.16'	112° 05.05'	10.0	0.8	17	89	4	0.15
200319	02:49:31.24	40° 45.51'	112° 03.93'	8.5	1.3W	30	55	4	0.13
200319	02:52:34.43	40° 46.27'	112° 04.97'	10.1	1.7W	37	56	5	0.12
200319	02:53:09.14	40° 45.72'	112° 03.70'	9.0	1.7W	28	58	2	0.08
200319	02:56:13.11	40° 44.81'	112° 02.13'	7.8	0.9	18	95	2	0.11
200319	03:06:29.77	40° 44.76'	112° 04.29'	9.1	0.8	31	53	1	0.17
200319	03:08:10.70	40° 45.28'	112° 02.33'	7.4	0.7	19	99	3	0.18
200319	03:15:11.69	40° 46.94'	112° 04.32'	8.7	0.5	15	111	7	0.08
200319	03:16:17.78	40° 45.54'	112° 04.21'	8.7	0.4	17	83	4	0.10
200319	03:17:36.45	40° 42.86'	112° 05.62'	11.1	0.2	17	91	3	0.13
200319	03:18:05.06	40° 44.96'	112° 02.01'	8.8	1.0	37	36	2	0.14
200319	03:19:51.52	40° 45.00'	112° 01.96'	8.4	1.1W	36	49	3	0.13
200319	03:20:18.92	40° 45.10'	112° 02.03'	7.8	0.5	24	60	3	0.14
200319	03:22:25.04	40° 45.31'	112° 02.42'	6.6	-0.1	19	68	3	0.15
200319	03:22:30.89	40° 45.26'	112° 02.64'	6.2	1.2	24	64	3	0.17
200319	03:23:47.76	40° 45.45'	112° 02.23'	7.6	1.0W	24	51	2	0.15
200319	03:25:34.35	40° 45.28'	112° 02.05'	6.9	0.3	16	102	3	0.17
200319	03:25:45.18	40° 45.54'	112° 04.40'	8.4	0.4	24	85	1	0.15
200319	03:26:03.22	40° 44.71'	112° 02.32'	8.1	0.8	30	53	2	0.15
200319	03:29:19.88	40° 44.70'	112° 02.34'	8.5	1.8W	26	44	2	0.11
200319	03:30:18.11	40° 44.90'	112° 02.71'	6.4	0.8	20	67	2	0.13
200319	03:32:38.58	40° 45.94'	112° 03.83'	7.8	0.2	23	91	3	0.17

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200319	03:32:48.28	40° 45.96'	112° 04.89'	4.7	--	8	125	6	0.11
200319	03:32:49.88	40° 45.66'	112° 03.85'	8.4	1.0	20	83	4	0.19
200319	03:34:14.31	40° 46.43'	112° 04.52'	9.3	1.1W	27	80	2	0.13
200319	03:36:32.96	40° 44.84'	112° 04.23'	7.7	1.0	32	57	1	0.14
200319	03:37:51.11	40° 45.67'	112° 03.64'	8.7	1.4W	24	52	2	0.08
200319	03:42:10.15	40° 44.75'	112° 04.84'	2.4	0.1	9	153	4	0.11
200319	03:42:22.91	40° 42.96'	112° 04.72'	10.3	0.5	20	81	3	0.13
200319	03:44:09.12	40° 45.68'	112° 02.49'	7.7	1.0W	31	58	2	0.11
200319	03:44:33.46	40° 44.66'	112° 02.49'	8.3	0.8	23	52	2	0.14
200319	03:52:52.72	40° 44.37'	112° 02.73'	7.9	0.5	16	91	2	0.07
200319	03:53:27.35	40° 44.62'	112° 03.54'	7.3	0.0	12	93	3	0.10
200319	03:53:35.73	40° 46.06'	112° 07.26'	7.7	-0.1	7	113	8	0.06
200319	03:56:51.05	40° 44.64'	112° 03.93'	8.9	1.0W	18	107	3	0.13
200319	03:58:29.88	40° 44.69'	112° 02.40'	7.3	0.6	20	94	2	0.15
200319	03:58:53.38	40° 45.15'	112° 02.50'	7.9	2.0W	30	44	3	0.17
200319	03:59:34.80	40° 45.70'	112° 05.11'	7.2	0.7	18	73	5	0.18
200319	04:01:58.32	40° 44.11'	112° 06.61'	8.8	0.7	16	103	6	0.16
200319	04:02:04.66	40° 45.17'	112° 04.16'	5.7	0.8	13	119	4	0.07
200319	04:02:50.87	40° 44.88'	112° 03.05'	7.8	0.7	9	111	3	0.08
200319	04:06:54.33	40° 44.28'	112° 04.75'	8.2	0.8	19	66	2	0.14
200319	04:10:56.87	40° 45.44'	112° 01.77'	6.3	0.9W	16	76	3	0.11
200319	04:11:41.77	40° 46.31'	112° 04.36'	9.3	0.8	16	104	4	0.10
200319	04:13:35.94	40° 45.92'	112° 03.95'	9.9	1.7W	35	51	3	0.11
200319	04:17:51.67	40° 45.51'	112° 04.01'	7.8	0.8	14	98	4	0.09
200319	04:17:56.37	40° 46.48'	112° 06.83'	10.9	0.6	11	145	7	0.11
200319	04:20:14.20	40° 44.89'	112° 05.10'	5.9	0.0	15	93	5	0.09
200319	04:20:32.55	40° 45.23'	112° 03.84'	9.6	1.0W	28	54	1	0.11
200319	04:21:12.51	40° 44.42'	112° 04.14'	8.4	2.0W	13	86	2	0.18
200319	04:22:00.66	40° 44.29'	112° 02.92'	8.7	0.8	24	52	2	0.17
200319	04:25:10.87	40° 44.37'	112° 04.11'	7.2	0.6	19	89	2	0.14
200319	04:35:27.97	40° 44.40'	112° 02.24'	8.4	0.6W	19	54	1	0.09
200319	04:38:20.64	40° 46.12'	112° 04.61'	11.4	0.0	17	117	4	0.12
200319	04:38:32.38	40° 45.92'	112° 04.46'	7.7	-0.2	11	120	5	0.16
200319	04:38:46.75	40° 45.09'	112° 02.94'	6.1	0.8	14	83	3	0.07
200319	04:39:17.39	40° 45.04'	112° 02.46'	5.8	0.2	16	79	3	0.14
200319	04:40:39.45	40° 47.29'	112° 03.95'	5.7*	0.9	21	61	12	0.16
200319	04:43:07.92	40° 45.66'	112° 04.14'	8.3	0.0	10	118	5	0.08
200319	04:43:24.38	40° 45.24'	112° 03.97'	8.1	0.5	18	113	4	0.09
200319	04:49:20.02	40° 45.70'	112° 03.88'	7.3	1.1W	35	52	4	0.13
200319	04:51:25.24	40° 44.85'	112° 03.76'	6.6	0.6	17	80	3	0.12
200319	04:52:38.55	40° 44.77'	112° 04.55'	9.0	1.1	23	94	4	0.11
200319	04:53:09.85	40° 45.05'	112° 02.59'	7.2	0.1	20	67	3	0.13
200319	04:57:40.02	40° 44.38'	112° 05.19'	8.7	--	12	102	5	0.12
200319	04:57:42.66	40° 44.40'	112° 02.77'	9.0	1.2W	30	42	2	0.11
200319	04:59:35.92	40° 44.09'	112° 04.18'	9.2	1.1W	28	57	3	0.13

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200319	05:01:56.63	40° 46.67'	112° 04.81'	9.7	0.9	33	61	4	0.15
200319	05:02:17.29	40° 44.58'	112° 04.51'	8.5	1.1	22	92	4	0.13
200319	05:04:06.62	40° 43.81'	112° 03.71'	9.6	2.2W	33	52	2	0.11
200319	05:04:54.05	40° 44.28'	112° 04.59'	9.0	1.9W	34	47	4	0.18
200319	05:07:22.94	40° 43.96'	112° 03.85'	9.6	0.5	16	101	2	0.10
200319	05:23:36.36	40° 45.01'	112° 02.30'	9.0	0.3	15	97	3	0.12
200319	05:23:56.85	40° 44.62'	112° 02.16'	8.5	0.7W	21	56	2	0.11
200319	05:28:25.72	40° 44.78'	112° 02.10'	7.8	1.2W	27	57	2	0.11
200319	05:29:43.32	40° 47.00'	112° 03.67'	9.3	1.4W	33	54	3	0.14
200319	05:32:19.11	40° 45.29'	112° 02.67'	7.4	--	13	117	3	0.14
200319	05:32:37.18	40° 44.74'	112° 02.19'	7.6	0.2	16	111	2	0.14
200319	05:37:28.54	40° 44.12'	112° 04.83'	9.8	0.7	25	88	4	0.12
200319	05:39:28.13	40° 45.60'	112° 04.10'	9.7	0.5	20	85	4	0.07
200319	05:39:36.06	40° 43.72'	112° 06.53'	7.8	0.0	12	101	5	0.25
200319	05:40:08.45	40° 44.56'	112° 02.23'	8.2	0.6	22	92	2	0.09
200319	05:40:21.13	40° 45.16'	112° 02.42'	7.6	0.8	23	75	3	0.14
200319	05:41:40.41	40° 46.57'	112° 04.46'	9.8	1.5W	35	54	4	0.14
200319	05:43:13.77	40° 45.34'	112° 02.75'	8.0	0.0	12	118	3	0.09
200319	05:43:25.99	40° 44.97'	112° 02.25'	6.9	0.7	29	55	3	0.12
200319	05:43:48.25	40° 44.88'	112° 01.70'	6.7	0.5	17	95	2	0.17
200319	05:45:23.67	40° 45.00'	112° 01.98'	7.5	0.7W	17	97	3	0.12
200319	05:45:52.97	40° 44.38'	112° 06.95'	5.7	-0.3	10	154	7	0.08
200319	05:48:44.72	40° 44.02'	112° 04.86'	10.6	1.5W	30	62	4	0.19
200319	05:51:20.13	40° 44.04'	112° 06.17'	7.7	--	7	144	6	0.04
200319	05:51:22.74	40° 44.04'	112° 05.11'	9.6	0.8	19	99	4	0.13
200319	05:56:02.75	40° 46.04'	112° 04.84'	10.7	1.4W	34	56	5	0.16
200319	06:01:46.07	40° 44.92'	112° 02.56'	7.2	0.4	21	52	2	0.10
200319	06:02:02.35	40° 45.31'	112° 04.33'	8.8	1.1W	33	51	4	0.15
200319	06:02:51.03	40° 42.31'	112° 05.89'	12.0	0.8	21	58	2	0.13
200319	06:08:59.16	40° 46.27'	112° 05.21'	9.3	0.6	19	104	5	0.12
200319	06:10:30.73	40° 46.25'	112° 04.41'	10.2	1.8W	32	57	4	0.13
200319	06:20:42.52	40° 45.82'	112° 04.73'	9.8	0.6	22	90	5	0.12
200319	06:20:52.47	40° 43.83'	112° 06.00'	10.5	0.7	16	97	5	0.11
200319	06:21:05.95	40° 45.32'	112° 04.28'	8.4	0.6	15	114	4	0.10
200319	06:24:12.49	40° 44.99'	112° 02.67'	7.7	0.8	23	53	3	0.11
200319	06:24:49.07	40° 44.82'	112° 03.98'	6.9	0.8	18	94	3	0.11
200319	06:27:20.96	40° 44.27'	112° 04.40'	8.8	0.7	23	90	3	0.11
200319	06:34:16.90	40° 46.12'	112° 05.13'	10.0	0.5	15	100	5	0.12
200319	06:36:35.42	40° 45.22'	112° 03.05'	7.7	0.4	17	98	3	0.10
200319	06:38:14.06	40° 46.14'	112° 04.38'	8.2	-0.4	10	129	6	0.07
200319	06:38:33.26	40° 45.31'	112° 03.05'	8.4	0.2	20	116	3	0.09
200319	06:38:39.92	40° 44.25'	112° 02.02'	7.7	0.8	19	106	1	0.07
200319	06:39:03.45	40° 45.98'	112° 04.15'	8.4	0.3	22	103	5	0.13
200319	06:41:01.51	40° 46.02'	112° 04.16'	9.5	1.7W	37	53	4	0.15
200319	06:51:16.25	40° 43.79'	112° 02.73'	8.5	0.7	28	47	1	0.14

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200319	06:53:01.15	40° 44.02'	112° 03.84'	9.3	0.6	17	88	2	0.11
200319	06:54:54.97	40° 44.71'	112° 04.58'	8.1	1.4W	22	93	4	0.14
200319	06:58:42.42	40° 45.96'	112° 02.01'	7.9	1.1W	22	104	4	0.11
200319	07:03:27.14	40° 22.88'	111° 41.11'	6.0	-0.1	12	99	2	0.06
200319	07:03:42.39	40° 45.42'	112° 04.37'	6.5	0.5	13	99	5	0.07
200319	07:04:48.06	40° 45.40'	112° 04.47'	9.2	-0.1	12	99	5	0.16
200319	07:07:48.71	40° 46.63'	112° 04.75'	9.3	0.8	18	108	4	0.11
200319	07:08:04.57	40° 45.62'	112° 04.33'	5.4	0.6	16	87	4	0.09
200319	07:13:06.50	40° 45.78'	112° 03.82'	7.7	1.3W	38	50	3	0.15
200319	07:13:53.46	40° 44.03'	112° 03.71'	9.8	0.6	16	101	2	0.14
200319	07:15:08.85	40° 45.85'	112° 01.38'	8.1	0.6	15	115	4	0.15
200319	07:22:07.69	40° 43.63'	112° 05.59'	11.0	1.5W	23	85	5	0.11
200319	07:26:57.70	40° 43.91'	112° 05.45'	4.9	0.1	11	100	5	0.19
200319	07:27:21.38	40° 45.71'	112° 03.46'	7.1	1.1W	31	49	3	0.13
200319	07:27:56.98	40° 45.62'	112° 01.99'	6.4	0.5	23	61	2	0.13
200319	07:30:51.49	40° 47.75'	112° 03.88'	10.1	0.9	17	119	4	0.11
200319	07:32:36.01	40° 45.24'	112° 04.58'	8.1	0.4	18	97	5	0.12
200319	07:34:08.52	40° 44.13'	112° 04.52'	10.3	1.3W	28	69	3	0.18
200319	07:34:16.01	40° 45.62'	112° 05.57'	5.9	0.9	15	112	6	0.10
200319	07:37:47.28	40° 44.35'	112° 03.02'	4.3	0.3	11	108	2	0.08
200319	07:38:15.30	40° 44.51'	112° 04.28'	9.4	0.5	13	105	3	0.10
200319	07:40:45.91	40° 45.08'	112° 02.52'	9.1	1.8W	41	45	3	0.17
200319	07:59:30.33	40° 45.27'	112° 02.17'	7.6	1.1W	37	44	3	0.14
200319	08:02:06.66	40° 45.49'	112° 04.13'	7.6	1.3W	30	55	4	0.20
200319	08:07:10.08	40° 45.65'	112° 03.85'	6.8	0.7	19	82	4	0.14
200319	08:09:16.13	40° 46.04'	112° 05.07'	10.5	0.3	15	115	5	0.13
200319	08:09:25.47	40° 45.64'	112° 03.29'	8.0	0.4	10	128	4	0.07
200319	08:10:45.43	40° 46.14'	112° 04.65'	9.8	0.5	14	100	4	0.08
200319	08:11:46.86	40° 45.30'	112° 04.19'	9.1	0.7	20	93	4	0.14
200319	08:17:30.05	40° 44.20'	112° 04.00'	8.4	0.5	18	90	3	0.10
200319	08:20:07.53	40° 44.79'	112° 04.72'	4.6*	0.8	14	93	11	0.17
200319	08:21:29.51	40° 45.02'	112° 02.89'	7.6	0.6	30	74	3	0.19
200319	08:21:55.19	40° 44.24'	112° 04.99'	9.9	0.7	17	96	4	0.21
200319	08:22:26.89	40° 44.26'	112° 01.61'	2.5	-0.3	11	108	1	0.10
200319	08:22:52.35	40° 46.40'	112° 04.95'	10.2	1.1W	36	74	5	0.22
200319	08:29:01.34	40° 45.99'	112° 05.32'	9.4	0.5	10	117	6	0.05
200319	08:30:07.18	40° 44.95'	112° 04.52'	9.6	0.9W	30	74	4	0.14
200319	08:33:42.84	40° 44.96'	112° 03.64'	12.7	0.4	12	112	3	0.18
200319	08:38:18.88	40° 44.68'	112° 02.85'	8.9	0.4	13	81	2	0.09
200319	08:41:06.14	40° 45.60'	112° 03.55'	8.4	0.1	12	119	4	0.13
200319	08:41:28.01	40° 45.65'	112° 04.61'	10.1	0.7	21	81	5	0.11
200319	08:51:19.34	40° 45.30'	112° 03.42'	6.3	0.2	19	86	4	0.10
200319	08:51:25.90	40° 44.19'	112° 02.31'	9.0	1.2W	28	41	1	0.15
200319	08:57:06.30	40° 45.60'	112° 03.12'	6.7	-0.2	12	120	4	0.12
200319	08:57:26.61	40° 45.37'	112° 04.33'	5.7	-0.3	11	96	4	0.32

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200319	08:57:36.88	40° 46.96'	112° 04.31'	11.2	0.3	18	134	4	0.11
200319	08:57:55.03	40° 45.29'	112° 04.01'	3.5	-0.4	9	117	4	0.09
200319	09:02:09.16	40° 44.84'	112° 03.17'	8.5	0.5	15	111	3	0.09
200319	09:12:08.20	40° 43.72'	112° 04.41'	9.8	1.4W	25	56	3	0.13
200319	09:12:29.40	40° 44.30'	112° 02.07'	9.9	2.3W	34	40	1	0.17
200319	09:15:07.91	40° 44.38'	112° 01.93'	9.1	0.4	14	107	1	0.08
200319	09:15:38.17	40° 43.90'	112° 01.98'	8.0	0.6	17	87	1	0.12
200319	09:16:06.57	40° 44.71'	112° 04.42'	9.5	0.0	16	123	4	0.13
200319	09:16:32.28	40° 45.38'	112° 04.47'	5.2*	0.6	14	99	12	0.11
200319	09:16:42.46	40° 44.82'	112° 04.64'	8.6	-0.2	12	116	4	0.13
200319	09:17:18.91	40° 44.58'	112° 02.08'	7.8	0.2	14	109	2	0.08
200319	09:23:02.66	40° 44.41'	112° 01.91'	8.9	1.5W	26	41	2	0.15
200319	09:27:08.37	40° 44.60'	112° 04.38'	8.9	0.6	19	106	4	0.12
200319	09:31:42.76	40° 44.62'	112° 01.47'	8.7	1.6W	34	41	2	0.12
200319	09:35:07.51	40° 44.50'	112° 01.34'	7.2	1.3W	22	70	2	0.14
200319	09:40:36.46	40° 44.53'	112° 01.76'	8.3	1.2W	22	63	2	0.09
200319	09:52:37.89	40° 45.19'	112° 03.74'	6.9	1.1W	22	71	4	0.11
200319	09:53:14.97	40° 43.88'	112° 04.37'	9.6	0.6	25	87	3	0.13
200319	09:55:23.24	40° 45.28'	112° 02.34'	7.0	0.2	12	118	3	0.15
200319	09:56:10.73	40° 44.45'	112° 02.24'	9.0	1.3W	33	41	2	0.17
200319	09:56:44.67	40° 43.76'	112° 05.15'	10.3	1.4W	33	87	4	0.18
200319	10:01:42.97	40° 45.21'	112° 04.21'	7.7	0.5	16	112	4	0.11
200319	10:04:19.96	40° 44.57'	112° 01.89'	8.5	0.3	15	109	2	0.13
200319	10:06:13.28	40° 44.80'	112° 02.58'	8.7	0.6	19	95	2	0.13
200319	10:18:53.02	40° 45.17'	112° 04.57'	7.8	0.2	15	111	7	0.15
200319	10:22:47.76	40° 44.18'	112° 02.36'	9.8	--	23	76	1	0.14
200319	10:22:48.63	40° 44.04'	112° 02.51'	10.2	1.3W	21	102	1	0.14
200319	10:26:17.21	40° 45.06'	112° 02.60'	7.4	0.2	16	104	3	0.11
200319	10:26:36.56	40° 44.24'	112° 04.36'	8.7	0.7	29	61	3	0.20
200319	10:27:24.33	40° 45.60'	112° 03.84'	8.1	1.3W	32	81	4	0.13
200319	10:35:48.64	40° 45.46'	112° 04.18'	5.4	0.6	15	99	4	0.16
200319	10:43:34.98	40° 44.77'	112° 01.90'	8.0	0.7	23	89	2	0.08
200319	10:50:23.68	40° 44.35'	112° 05.61'	1.7	-0.3	12	109	5	0.23
200319	10:50:40.02	40° 44.81'	112° 01.71'	7.0	0.7W	19	95	2	0.17
200319	10:50:56.87	40° 44.51'	112° 02.03'	8.4	0.4	20	92	2	0.09
200319	10:55:53.96	40° 43.99'	112° 04.29'	9.3	1.6W	27	58	3	0.12
200319	11:07:41.35	40° 45.23'	112° 03.87'	7.2	1.0W	28	81	4	0.17
200319	11:10:01.21	40° 44.26'	112° 04.80'	9.8	1.3	27	57	4	0.11
200319	11:14:56.88	40° 44.60'	112° 02.48'	7.1	0.6	19	93	2	0.12
200319	11:23:33.63	40° 44.39'	112° 02.21'	8.1	1.2W	30	76	1	0.17
200319	11:25:36.08	40° 44.90'	112° 03.01'	7.1	0.5	17	82	3	0.10
200319	11:26:57.10	40° 45.19'	112° 02.12'	7.8	0.5	16	78	3	0.12
200319	11:34:40.42	40° 44.78'	112° 03.34'	8.3	0.7	17	110	3	0.09
200319	11:38:59.86	40° 45.62'	112° 03.02'	8.6	0.5	19	101	4	0.08
200319	11:40:44.38	40° 45.14'	112° 04.79'	9.3	1.1W	27	86	5	0.15

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200319	11:46:50.44	40° 45.16'	112° 03.50'	7.7	0.4	17	97	3	0.11
200319	11:47:14.60	40° 44.01'	112° 05.27'	10.6	0.4	14	88	4	0.13
200319	11:50:18.13	40° 44.62'	112° 01.96'	8.6	1.5W	32	50	2	0.13
200319	11:56:52.00	40° 44.50'	112° 04.13'	8.4	0.9	22	90	3	0.17
200319	11:57:56.01	40° 45.49'	112° 03.73'	8.8	0.9	17	95	4	0.11
200319	11:59:38.39	40° 44.79'	112° 02.76'	7.8	0.8W	17	111	2	0.07
200319	11:59:44.64	40° 48.61'	112° 04.04'	9.6	0.9W	13	126	5	0.15
200319	12:09:38.21	40° 44.24'	112° 02.33'	8.6	0.5	14	105	1	0.12
200319	12:13:52.60	40° 45.48'	112° 04.23'	10.0	0.9	21	99	4	0.09
200319	12:30:13.20	40° 44.78'	112° 02.70'	8.6	0.7	17	65	2	0.08
200319	12:30:58.85	40° 44.74'	112° 02.55'	8.9	0.2	11	111	2	0.10
200319	12:33:15.71	40° 44.45'	112° 03.84'	8.1	2.3W	39	46	3	0.14
200319	12:44:47.70	40° 44.49'	112° 02.39'	9.2	3.2W	46	42	2	0.15
200319	12:45:03.50	40° 44.31'	112° 02.08'	9.1	3.1W	27	56	1	0.11
200319	12:54:40.97	40° 44.44'	112° 02.09'	8.8	0.9W	20	91	2	0.15
200319	12:54:57.61	40° 45.00'	112° 04.06'	6.5	0.1	10	120	4	0.04
200319	12:57:43.65	40° 44.43'	112° 02.32'	8.8	0.9W	27	92	2	0.15
200319	12:59:29.98	40° 44.38'	112° 01.53'	8.5	0.4	15	107	2	0.13
200319	12:59:48.02	40° 45.41'	112° 02.82'	0.1*	-0.3	9	128	13	0.23
200319	13:00:48.03	40° 44.51'	112° 04.27'	6.4	-0.3	11	114	3	0.13
200319	13:01:08.38	40° 45.48'	112° 04.29'	6.0	0.1	13	99	5	0.14
200319	13:01:12.17	40° 45.99'	112° 02.64'	9.8	0.6	13	85	2	0.23
200319	13:01:40.67	40° 44.89'	112° 02.54'	7.4	0.5	13	95	2	0.18
200319	13:02:04.71	40° 44.52'	112° 02.01'	7.9	0.8	20	92	2	0.12
200319	13:02:41.15	40° 47.07'	112° 04.39'	8.9	0.8W	21	111	4	0.13
200319	13:05:57.76	40° 44.49'	112° 05.51'	7.1	1.3W	22	91	6	0.16
200319	13:07:52.01	40° 46.72'	112° 04.46'	9.1	1.5W	39	57	4	0.17
200319	13:12:50.97	40° 44.58'	112° 02.25'	7.4	1.2W	20	55	7	0.14
200319	13:15:17.04	40° 44.52'	112° 02.50'	6.7	0.1	13	73	4	0.14
200319	13:15:42.92	40° 44.73'	112° 02.12'	8.3	0.7	20	57	2	0.10
200319	13:16:42.67	40° 44.78'	112° 02.73'	7.9	0.3	17	95	2	0.09
200319	13:17:04.27	40° 45.27'	112° 06.15'	6.7	0.3	12	86	6	0.09
200319	13:17:34.03	40° 45.70'	112° 03.73'	5.0	0.9W	18	101	9	0.19
200319	13:22:10.32	40° 44.44'	112° 02.22'	9.5	1.2W	23	48	2	0.10
200319	13:24:01.05	40° 46.18'	112° 04.40'	9.7	1.9W	26	59	4	0.11
200319	13:27:31.52	40° 46.93'	112° 04.26'	0.1	--	8	133	7	0.15
200319	13:27:33.99	40° 44.65'	112° 02.21'	8.4	0.6	20	94	2	0.08
200319	13:32:18.43	40° 44.13'	112° 04.54'	9.9	0.5	12	110	6	0.10
200319	13:33:04.38	40° 44.72'	112° 02.36'	5.4	0.5	16	111	8	0.12
200319	13:36:34.83	40° 44.64'	112° 02.09'	7.6	0.5	17	105	2	0.10
200319	13:36:57.57	40° 44.72'	112° 01.76'	8.1	1.1	23	75	2	0.19
200319	13:42:00.21	40° 44.34'	112° 02.46'	8.6	0.3	14	106	7	0.06
200319	13:42:26.70	40° 45.57'	112° 03.35'	7.2	0.9	20	100	4	0.11
200319	13:52:25.95	40° 44.72'	112° 01.85'	9.6	2.9W	76	37	2	0.20
200319	13:57:50.15	40° 44.46'	112° 02.57'	8.1	0.4	12	91	2	0.07

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200319	13:58:09.50	40° 44.37'	112° 03.04'	8.3	0.2	11	104	7	0.04
200319	13:58:57.81	40° 44.49'	112° 03.70'	8.4	2.4W	28	54	3	0.11
200319	14:05:25.47	40° 45.60'	112° 07.05'	9.6	0.1	8	151	8	0.10
200319	14:05:46.75	40° 44.55'	112° 03.76'	7.7	1.1	19	92	3	0.15
200319	14:06:55.75	40° 45.64'	112° 03.48'	7.9	0.9	21	87	4	0.15
200319	14:08:58.22	40° 45.28'	112° 03.73'	9.5	0.3	17	98	8	0.13
200319	14:09:07.93	40° 48.02'	112° 02.50'	1.1*	0.2	13	125	13	0.12
200319	14:09:45.32	40° 44.36'	112° 01.76'	8.8	-0.1	14	108	1	0.09
200319	14:10:12.72	40° 45.43'	112° 05.87'	6.8	0.7	10	123	6	0.13
200319	14:10:54.42	40° 45.97'	112° 03.56'	3.2	0.0	11	112	5	0.12
200319	14:13:21.29	40° 45.39'	112° 03.76'	7.2	0.3	13	99	4	0.10
200319	14:16:53.59	40° 45.90'	112° 04.35'	10.0	1.5W	27	59	4	0.09
200319	14:19:51.92	40° 44.45'	112° 03.57'	7.8	1.4W	24	54	3	0.14
200319	14:30:24.71	40° 45.07'	112° 03.24'	6.9	1.6W	25	76	3	0.15
200319	14:32:48.70	40° 45.26'	112° 02.93'	7.7	0.7	13	99	3	0.08
200319	14:34:23.45	40° 46.02'	112° 04.45'	8.0	0.5	15	104	6	0.09
200319	15:00:32.98	40° 45.19'	112° 02.29'	6.4	0.1	14	98	8	0.22
200319	15:00:43.10	40° 46.79'	112° 03.84'	9.1	1.1	27	83	3	0.11
200319	15:18:37.00	40° 47.25'	112° 04.29'	9.3	0.6	11	114	4	0.15
200319	15:18:53.71	40° 46.48'	112° 05.56'	6.0*	-.2	7	212	12	0.05
200319	15:32:33.28	40° 44.72'	112° 03.52'	8.1	0.8	16	94	7	0.16
200319	15:45:29.18	40° 46.49'	112° 04.10'	4.7*	0.4	8	135	13	0.08
200319	15:45:55.26	40° 45.29'	112° 03.32'	7.9	0.6	16	98	4	0.14
200319	15:55:02.36	40° 45.80'	112° 03.44'	6.2	1.1W	23	71	9	0.16
200319	16:02:38.28	40° 44.69'	112° 04.51'	6.5	0.7	7	123	11	0.03
200319	16:12:25.68	40° 45.41'	112° 02.96'	9.4	1.7W	42	46	3	0.17
200319	16:22:25.05	40° 45.75'	112° 05.01'	3.3*	0.0	7	233	13	0.05
200319	16:35:13.05	40° 46.57'	112° 04.35'	9.8	1.5W	30	84	4	0.13
200319	16:42:32.69	40° 44.37'	112° 05.02'	4.7	0.5	9	99	10	0.08
200319	16:58:38.87	40° 45.33'	112° 03.29'	7.0	0.9W	25	57	4	0.16
200319	17:11:05.94	40° 45.52'	112° 02.06'	8.2	1.9W	44	45	2	0.19
200319	17:13:46.72	40° 45.61'	112° 04.48'	9.3	0.7	20	87	4	0.12
200319	17:14:04.60	40° 43.45'	112° 04.42'	11.1	0.1	12	95	4	0.17
200319	17:17:03.52	40° 45.95'	112° 04.33'	9.2	0.9W	20	94	4	0.13
200319	17:18:44.33	40° 44.90'	112° 03.29'	9.4	1.7W	40	46	3	0.19
200319	17:21:25.21	40° 45.06'	112° 03.24'	8.4	0.7	18	97	3	0.10
200319	17:24:39.74	40° 44.92'	112° 02.18'	7.6	0.8W	16	96	2	0.12
200319	17:26:19.41	40° 43.61'	112° 04.93'	9.7	0.8	16	95	4	0.11
200319	17:31:32.48	40° 46.67'	112° 04.38'	7.7	0.7	13	109	4	0.10
200319	17:32:42.99	40° 47.14'	112° 04.71'	11.0	1.1W	20	63	4	0.18
200319	17:37:41.26	40° 44.90'	112° 01.92'	8.0	0.7	19	90	2	0.12
200319	17:43:18.29	40° 46.57'	112° 04.42'	8.8	1.1W	18	107	4	0.15
200319	17:53:13.60	40° 45.74'	112° 01.82'	6.0	1.5W	12	103	4	0.15
200319	17:53:23.88	40° 45.06'	112° 02.81'	6.5	1.5W	13	80	3	0.09
200319	17:58:43.92	40° 45.47'	112° 02.50'	6.1	1.1	18	65	3	0.14

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200319	17:58:49.50	40° 45.61'	112° 02.59'	6.4	0.8	12	104	2	0.08
200319	18:16:39.33	40° 43.67'	112° 05.85'	11.5	2.8W	48	48	5	0.18
200319	18:21:19.64	40° 44.31'	112° 03.84'	4.6	0.5	16	58	3	0.14
200319	18:30:04.30	40° 46.88'	112° 03.77'	5.6*	0.7	11	112	13	0.06
200319	18:44:19.68	40° 45.81'	112° 04.47'	10.0	0.4	13	91	4	0.11
200319	18:46:26.61	40° 45.49'	112° 03.77'	7.2	1.5W	35	52	4	0.15
200319	18:48:12.31	40° 45.16'	112° 04.42'	4.7	0.5	13	96	7	0.26
200319	18:56:46.43	40° 45.59'	112° 03.57'	7.8	1.2	23	79	3	0.14
200319	18:57:53.51	40° 45.95'	112° 04.17'	9.0	1.3W	27	84	4	0.16
200319	19:02:36.61	40° 45.46'	112° 03.08'	8.5	0.6	15	100	4	0.17
200319	19:16:04.81	40° 46.48'	112° 04.54'	4.4	0.6	11	108	4	0.10
200319	19:16:08.84	40° 47.36'	112° 03.97'	9.1	0.9	19	96	3	0.18
200319	19:22:50.43	40° 45.33'	112° 04.52'	11.1	1.2W	25	78	5	0.13
200319	19:32:08.32	40° 44.68'	112° 02.83'	8.4	0.3	11	120	2	0.06
200319	19:36:05.52	40° 45.31'	112° 02.86'	8.8	0.5	14	99	3	0.12
200319	19:40:14.20	40° 43.69'	112° 05.18'	9.4	1.5W	43	46	4	0.20
200319	19:44:05.79	40° 44.98'	112° 04.50'	6.0	0.5	11	98	11	0.16
200319	19:46:12.37	40° 43.84'	112° 05.46'	8.8	0.9	12	95	5	0.10
200319	19:48:26.50	40° 44.39'	112° 04.20'	9.5	0.8	19	91	3	0.10
200319	19:49:51.01	40° 44.71'	112° 02.37'	7.7	0.5	16	75	2	0.13
200319	19:59:13.77	40° 44.97'	112° 01.82'	7.9	0.6	17	96	3	0.10
200319	20:00:11.22	41° 57.83'	112° 36.75'	3.1*	0.7	6	166	22	0.16
200319	20:05:52.63	40° 43.59'	112° 05.52'	8.7	0.6	18	85	5	0.14
200319	20:15:15.59	40° 43.33'	112° 05.47'	10.2	1.1W	13	93	5	0.11
200319	20:18:37.82	40° 45.77'	112° 04.76'	8.7	0.8	13	100	5	0.14
200319	20:20:17.35	40° 45.02'	112° 05.24'	5.8	0.1	8	114	11	0.10
200319	20:20:43.34	40° 44.49'	112° 02.05'	8.2	0.9W	15	89	12	0.09
200319	20:27:48.95	40° 45.30'	112° 03.60'	3.2	0.7	12	98	4	0.07
200319	20:28:07.60	40° 45.37'	112° 03.74'	6.6	1.7W	28	54	4	0.13
200319	20:28:34.94	40° 45.25'	112° 03.42'	8.1	0.7	15	81	4	0.12
200319	20:29:10.83	40° 44.81'	112° 03.06'	8.7	1.4W	22	52	3	0.13
200319	20:37:39.13	40° 45.57'	112° 04.40'	10.4	1.1W	21	82	4	0.14
200319	20:48:42.85	40° 44.74'	112° 02.82'	7.7	0.8W	19	94	2	0.15
200319	20:54:25.14	40° 45.61'	112° 03.96'	3.7*	-0.1	10	108	13	0.04
200319	20:54:31.90	40° 45.58'	112° 04.46'	6.3	0.6	11	107	12	0.08
200319	21:15:11.86	40° 44.93'	112° 02.43'	4.0*	0.7	12	109	13	0.11
200319	21:16:02.72	40° 46.47'	112° 04.28'	5.8*	0.4	13	110	13	0.09
200319	21:24:19.50	40° 46.25'	112° 00.98'	4.5	0.6	15	109	1	0.09
200319	21:26:02.43	40° 44.71'	112° 03.89'	3.5	0.0	8	126	5	0.02
200319	21:28:40.25	40° 45.04'	112° 03.39'	6.7	-0.1	10	172	3	0.05
200319	21:29:04.22	40° 45.78'	112° 04.66'	5.6	0.7	12	124	9	0.17
200319	21:33:44.84	40° 45.77'	112° 04.34'	9.4	1.0W	13	94	4	0.10
200319	21:44:00.24	40° 45.03'	112° 04.14'	7.4	0.6	23	72	4	0.15
200319	21:44:05.33	40° 45.47'	112° 04.30'	3.3	0.1	11	120	8	0.07
200319	21:44:32.42	40° 45.83'	112° 06.11'	7.4	-0.2	12	105	12	0.12

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200319	21:45:02.54	40° 45.64'	112° 04.26'	11.2	1.4W	27	59	4	0.12
200319	21:47:19.07	40° 45.58'	112° 04.45'	9.4	0.3	14	86	4	0.09
200319	21:49:17.48	40° 45.70'	112° 04.32'	6.8	1.0W	22	71	13	0.11
200319	21:49:34.53	40° 43.64'	112° 04.89'	8.7	0.2	7	127	9	0.06
200319	21:50:09.24	40° 46.02'	112° 04.31'	9.6	1.5W	32	53	4	0.17
200319	22:16:10.61	40° 45.64'	112° 04.08'	8.8	1.1W	20	102	4	0.15
200319	22:21:28.87	40° 45.47'	112° 04.04'	8.1	0.6	14	80	4	0.09
200319	22:29:55.11	40° 45.72'	112° 03.83'	5.9	0.6	16	85	3	0.13
200319	22:33:05.38	40° 45.88'	112° 04.72'	6.5	1.0	17	99	6	0.12
200319	22:40:18.64	40° 45.14'	112° 02.20'	6.9	0.6W	17	97	3	0.12
200319	23:15:33.05	40° 44.30'	112° 03.61'	6.8	0.6	16	55	2	0.10
200319	23:16:52.27	40° 46.22'	112° 03.47'	7.6	0.4	11	113	5	0.05
200319	23:24:10.90	40° 45.33'	112° 05.45'	6.2	0.0	7	158	6	0.01
200319	23:40:58.84	40° 50.21'	112° 04.15'	10.1	0.2	8	138	10	0.09
200319	23:43:15.35	40° 43.65'	112° 06.01'	10.7	0.4	14	85	9	0.14
200319	23:52:53.53	40° 44.54'	112° 02.23'	7.7	0.2	14	109	2	0.15
200319	23:56:39.45	38° 49.92'	111° 24.08'	0.3	1.0W	7	152	6	0.09
200320	00:07:41.01	40° 44.54'	112° 04.86'	8.6	0.7W	16	92	4	0.11
200320	00:10:39.20	40° 44.57'	112° 04.60'	8.0	0.9W	21	92	6	0.17
200320	00:12:02.35	40° 46.55'	112° 03.01'	7.7	0.8W	28	55	2	0.11
200320	00:20:21.44	40° 46.53'	112° 03.33'	9.1	0.5	17	109	2	0.14
200320	00:21:17.81	40° 45.59'	112° 03.12'	7.8	0.9	16	76	3	0.11
200320	00:22:57.76	40° 45.08'	112° 01.81'	8.0	1.5W	25	43	3	0.15
200320	00:26:11.76	40° 45.36'	112° 02.59'	6.3	0.6	14	100	3	0.11
200320	00:28:26.05	40° 46.28'	112° 05.46'	7.8	0.9W	14	103	5	0.24
200320	00:35:15.80	40° 45.29'	112° 01.88'	7.2	1.2W	21	67	3	0.08
200320	00:55:22.38	40° 45.26'	112° 01.97'	8.4	1.9W	49	31	3	0.19
200320	01:00:18.59	40° 45.14'	112° 03.11'	8.0	0.6	13	114	3	0.12
200320	01:01:48.69	40° 46.07'	112° 04.39'	9.3	1.6W	43	53	4	0.17
200320	01:10:49.56	40° 45.72'	112° 04.47'	9.7	1.7W	34	55	4	0.12
200320	01:16:16.45	40° 45.51'	112° 02.01'	6.5	1.0	13	121	3	0.07
200320	01:36:52.73	41° 41.54'	111° 40.26'	12.6	2.5W	31	61	13	0.20
200320	01:40:04.17	40° 43.92'	112° 03.55'	10.3	0.5	16	101	2	0.12
200320	01:42:40.51	40° 43.79'	112° 03.60'	8.9	0.5	15	99	2	0.06
200320	01:42:55.85	40° 44.65'	112° 03.22'	8.7	0.0	9	110	2	0.04
200320	01:47:53.59	40° 44.08'	112° 03.50'	9.0	0.8	18	89	2	0.12
200320	01:58:51.91	40° 47.98'	112° 04.44'	10.8	0.5	13	119	9	0.11
200320	01:59:07.48	40° 45.83'	112° 04.52'	5.9*	0.1	7	121	13	0.06
200320	02:07:17.32	40° 46.76'	112° 04.57'	11.9	1.2W	23	81	3	0.10
200320	02:07:35.54	40° 44.47'	112° 04.06'	8.8	0.2	16	91	2	0.08
200320	02:12:49.52	40° 44.96'	112° 04.95'	4.6	0.1	13	108	5	0.12
200320	02:13:06.97	40° 45.65'	112° 04.30'	6.5	0.9	19	87	4	0.13
200320	02:14:20.25	40° 45.34'	112° 03.63'	6.5	1.0W	23	72	4	0.13
200320	02:16:30.51	40° 45.23'	112° 04.00'	7.6	1.5W	40	49	4	0.17
200320	02:28:21.82	40° 45.62'	112° 04.04'	8.9	0.7	18	101	5	0.09

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200320	02:30:34.53	40° 45.09'	112° 02.57'	7.1	0.4	13	97	3	0.11
200320	02:51:14.56	40° 45.27'	112° 03.44'	8.5	1.7W	33	53	2	0.13
200320	03:00:55.78	40° 44.04'	112° 03.71'	10.0	1.4W	36	44	2	0.15
200320	03:02:31.61	40° 44.50'	112° 02.54'	9.4	0.9W	26	52	2	0.15
200320	03:05:52.57	40° 45.62'	112° 04.23'	4.6	0.5	21	86	4	0.12
200320	03:12:45.14	40° 44.37'	112° 04.38'	7.6	1.1W	27	67	2	0.16
200320	03:14:11.74	40° 44.97'	112° 01.95'	6.5	0.8	16	97	3	0.14
200320	03:23:33.50	40° 43.75'	112° 03.30'	9.8	1.6W	50	43	2	0.19
200320	03:36:38.03	40° 44.31'	112° 02.72'	7.5	0.2	16	106	2	0.13
200320	03:38:01.98	40° 45.42'	112° 05.41'	10.3	1.1W	25	96	1	0.14
200320	04:03:41.92	40° 43.89'	112° 03.99'	8.9	1.4W	27	51	3	0.14
200320	04:08:01.79	39° 24.57'	110° 18.96'	-0.8	1.8	6	196	2	0.05
200320	04:20:23.45	40° 45.83'	112° 04.32'	9.7	1.8W	30	55	1	0.11
200320	04:20:46.57	40° 45.64'	112° 04.13'	9.8	2.3W	37	50	1	0.12
200320	04:24:40.95	40° 46.22'	112° 04.26'	7.1	0.9W	18	105	13	0.15
200320	04:26:51.99	40° 45.39'	112° 03.64'	8.1	0.9W	21	74	4	0.13
200320	04:27:30.21	40° 43.37'	112° 02.98'	5.6	0.3	16	97	1	0.13
200320	04:33:39.60	40° 45.08'	112° 02.32'	7.7	0.2	12	97	3	0.09
200320	04:36:55.53	40° 44.28'	112° 01.66'	9.2	0.5	17	90	1	0.10
200320	04:46:31.21	40° 45.94'	112° 04.37'	9.4	1.2W	22	59	1	0.11
200320	04:52:22.40	40° 44.69'	112° 03.40'	9.3	1.9W	55	45	2	0.17
200320	04:58:08.91	40° 43.53'	112° 05.40'	10.7	0.8W	16	58	3	0.10
200320	05:02:02.87	40° 45.89'	112° 04.52'	10.4	2.1W	41	53	1	0.15
200320	05:03:06.04	40° 45.43'	112° 04.46'	10.2	1.5W	23	83	1	0.13
200320	05:14:08.52	40° 46.21'	112° 05.17'	8.8	0.6	17	103	6	0.13
200320	05:19:41.03	40° 42.81'	112° 05.96'	10.7	0.3	14	89	6	0.17
200320	05:35:04.00	40° 44.67'	112° 03.46'	9.5	1.7W	38	48	2	0.13
200320	05:42:49.01	40° 46.67'	111° 57.83'	5.4	0.9W	21	56	5	0.10
200320	05:48:01.36	40° 45.60'	112° 03.43'	7.8	1.6W	32	58	2	0.17
200320	05:55:01.95	40° 44.45'	112° 04.61'	8.2	0.8	22	91	4	0.13
200320	05:56:22.31	40° 45.82'	112° 04.77'	6.9	0.8W	24	93	1	0.19
200320	06:20:01.62	40° 45.69'	112° 03.90'	7.4	0.6	15	102	4	0.11
200320	06:28:15.57	40° 44.62'	112° 02.49'	8.5	0.8	16	93	3	0.12
200320	06:36:01.82	40° 46.93'	112° 04.59'	8.9	0.5	18	111	7	0.19
200320	06:46:11.13	40° 42.87'	112° 04.86'	10.4	0.2	16	81	3	0.10
200320	07:00:44.59	40° 43.14'	112° 03.10'	9.3	1.0W	24	80	2	0.16
200320	07:08:23.10	40° 45.99'	112° 04.60'	9.6	0.6	21	96	4	0.12
200320	07:14:33.56	40° 44.59'	112° 02.86'	8.5	0.6	15	93	3	0.08
200320	07:14:56.29	40° 44.59'	112° 03.69'	5.2	1.2W	23	92	2	0.20
200320	07:18:21.66	40° 46.30'	112° 04.60'	10.4	0.2	12	123	6	0.14
200320	07:31:20.70	40° 44.80'	112° 02.73'	9.4	1.5W	55	44	2	0.19
200320	07:33:46.92	40° 45.88'	112° 04.45'	9.6	0.4	18	102	5	0.13
200320	07:35:39.33	40° 45.67'	112° 04.32'	8.7	0.4	19	100	5	0.11
200320	07:41:56.21	40° 46.82'	112° 05.83'	8.1	1.3W	36	58	3	0.18
200320	07:45:28.47	40° 44.18'	112° 03.25'	7.4	0.9W	21	90	3	0.18

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200320	07:52:03.08	40° 46.00'	112° 04.82'	10.0	0.6	19	84	5	0.20
200320	08:11:06.39	40° 45.58'	112° 03.55'	7.0	1.1W	24	57	2	0.18
200320	08:21:08.07	40° 45.35'	112° 01.87'	6.4	1.2W	23	59	4	0.15
200320	08:44:52.75	40° 45.88'	112° 04.77'	8.5	0.5	19	102	6	0.14
200320	08:46:08.55	40° 44.34'	112° 03.73'	7.7	0.4	15	91	2	0.11
200320	08:54:04.67	40° 45.69'	112° 03.18'	7.4	2.2W	37	53	2	0.14
200320	08:59:01.84	40° 45.50'	112° 03.19'	7.2	0.2	13	101	4	0.09
200320	09:01:14.80	40° 45.13'	112° 03.29'	7.8	0.6	18	97	3	0.12
200320	09:01:40.38	40° 44.04'	112° 03.92'	2.5	0.3	10	101	3	0.15
200320	09:06:08.56	40° 46.64'	112° 04.69'	12.4	0.4	16	89	7	0.15
200320	09:07:05.14	40° 45.16'	112° 03.54'	9.2	0.5W	21	67	3	0.12
200320	09:16:56.06	40° 45.03'	112° 02.06'	8.5	0.8	21	51	3	0.14
200320	09:24:04.94	40° 46.16'	112° 04.74'	10.2	0.5	18	101	4	0.12
200320	09:30:08.74	40° 45.91'	112° 04.05'	6.6	0.5	14	102	5	0.19
200320	09:50:57.76	40° 45.25'	112° 01.90'	9.0	0.3	16	99	3	0.10
200320	10:05:00.30	40° 43.74'	112° 03.97'	9.9	0.9W	25	84	3	0.14
200320	10:07:31.36	40° 45.92'	112° 04.57'	9.4	0.5	15	102	5	0.14
200320	10:20:33.44	40° 45.16'	112° 04.11'	9.4	1.3W	23	66	1	0.13
200320	10:35:46.09	40° 45.13'	112° 03.62'	8.9	1.1W	19	68	2	0.06
200320	10:46:12.48	40° 43.37'	112° 04.89'	10.7	0.4	18	84	4	0.14
200320	10:54:53.10	40° 45.62'	112° 02.35'	7.4	0.7	19	54	2	0.10
200320	10:58:08.24	40° 45.50'	112° 03.38'	7.2	2.0W	42	41	2	0.16
200320	11:05:07.17	40° 42.60'	112° 04.37'	8.0	0.9	16	74	5	0.18
200320	11:17:13.43	40° 45.47'	112° 04.15'	7.2	1.5W	22	81	1	0.12
200320	11:26:25.01	40° 44.74'	112° 04.51'	9.3	0.7	15	83	4	0.13
200320	11:27:43.70	40° 44.34'	112° 03.75'	10.5	0.5	17	104	3	0.13
200320	11:55:04.15	40° 43.60'	112° 04.91'	9.1	0.5	18	95	4	0.12
200320	11:58:04.41	40° 45.34'	112° 03.70'	8.4	1.4W	27	63	1	0.13
200320	12:10:24.38	40° 44.32'	112° 03.51'	8.4	1.0	20	81	2	0.13
200320	12:44:43.87	40° 44.20'	112° 04.52'	10.6	0.7	17	102	4	0.09
200320	12:45:12.58	38° 28.17'	112° 47.64'	1.8	-0.2	8	185	6	0.02
200320	12:45:18.61	38° 28.10'	112° 47.41'	-0.1	0.1	10	199	6	0.05
200320	12:45:32.42	38° 28.13'	112° 47.40'	0.3	-0.7	10	292	6	0.10
200320	13:36:00.85	40° 44.74'	112° 03.30'	8.4	0.9W	22	94	2	0.14
200320	13:53:39.65	40° 44.95'	112° 03.15'	8.6	1.5W	27	45	2	0.14
200320	13:59:13.66	40° 46.09'	112° 04.29'	4.8*	1.2W	14	100	13	0.14
200320	14:01:08.20	40° 44.86'	112° 02.26'	8.3	2.4W	39	41	2	0.15
200320	14:12:05.97	40° 44.97'	112° 02.48'	8.4	0.2	12	124	3	0.09
200320	14:12:54.13	40° 43.10'	112° 04.44'	9.4	0.5	14	102	4	0.10
200320	14:14:15.00	40° 45.02'	112° 02.06'	7.2	1.4W	25	56	4	0.18
200320	14:39:07.78	38° 28.27'	112° 47.83'	3.3	-0.1	11	184	6	0.04
200320	15:03:32.52	40° 45.10'	112° 01.69'	7.7	1.0W	24	97	3	0.11
200320	15:05:38.00	40° 44.87'	112° 02.33'	7.2	0.9W	16	96	3	0.12
200320	15:12:07.57	40° 47.29'	112° 04.41'	8.8	0.6W	17	105	4	0.15
200320	15:14:56.31	40° 46.82'	112° 04.30'	11.2	0.9W	20	110	4	0.11

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200320	15:16:27.35	40° 45.08'	112° 02.04'	7.4	0.8W	21	97	3	0.09
200320	15:34:15.64	40° 44.77'	112° 02.52'	4.8	0.4	16	94	2	0.14
200320	15:42:07.79	40° 44.68'	112° 03.02'	4.1	0.6	17	110	2	0.11
200320	15:52:28.97	40° 45.95'	112° 05.36'	10.2	0.9	19	98	2	0.10
200320	15:54:19.45	40° 42.98'	112° 05.61'	10.6	0.2	10	98	3	0.11
200320	15:56:19.89	40° 45.01'	112° 03.03'	6.1	0.6	8	113	11	0.10
200320	16:13:04.57	40° 43.75'	112° 04.85'	9.8	1.7W	32	46	3	0.16
200320	16:16:15.83	40° 43.57'	112° 05.04'	9.8	1.1W	15	80	3	0.10
200320	16:16:15.85	40° 43.77'	112° 04.68'	9.4	1.1W	21	86	4	0.12
200320	16:17:49.77	40° 45.44'	112° 04.39'	9.5	0.7	17	99	5	0.14
200320	16:48:35.05	40° 47.41'	111° 56.48'	7.6	0.6	13	93	2	0.18
200320	17:40:31.85	40° 44.92'	112° 01.85'	9.0	1.1W	13	112	4	0.11
200320	17:47:48.62	40° 44.44'	112° 02.38'	7.2	0.8	14	92	2	0.16
200320	18:08:03.31	40° 47.07'	112° 05.78'	7.0	0.7	14	93	11	0.16
200320	18:30:05.80	40° 45.10'	112° 04.57'	10.4	0.7	14	118	0	0.12
200320	18:58:33.69	40° 45.13'	112° 02.28'	7.2	1.3W	23	60	3	0.15
200320	19:08:58.03	40° 42.75'	112° 04.11'	10.2	0.8	16	90	3	0.10
200320	20:02:16.64	40° 45.76'	112° 04.57'	9.6	0.9	12	101	1	0.19
200320	20:24:32.25	40° 45.90'	112° 04.95'	6.2*	0.6	10	117	13	0.11
200320	20:40:34.23	40° 43.99'	112° 05.19'	7.9	0.3	11	98	9	0.10
200320	21:22:35.72	40° 44.53'	112° 04.55'	8.6	0.9	17	78	1	0.12
200320	21:25:32.63	40° 45.43'	112° 02.29'	9.8	0.3	8	130	3	0.08
200320	21:41:55.85	40° 45.19'	112° 01.94'	8.0	2.0W	33	43	3	0.17
200320	21:51:37.74	40° 45.97'	112° 05.49'	10.4	-0.2	9	123	2	0.10
200320	21:56:56.50	40° 45.28'	112° 02.62'	9.4	0.3	10	117	11	0.10
200320	22:08:00.46	40° 45.84'	112° 02.63'	4.7	0.7	11	123	4	0.22
200320	22:15:26.17	40° 44.65'	112° 04.47'	7.3	0.7	12	108	6	0.08
200320	22:17:24.12	40° 44.37'	112° 04.19'	8.5	0.4	8	126	11	0.05
200320	22:26:58.41	40° 47.25'	112° 04.41'	6.8	0.2	10	114	12	0.09
200320	22:27:48.18	40° 45.35'	112° 03.75'	5.8	0.6	14	98	8	0.09
200320	22:31:54.85	40° 45.42'	112° 03.66'	8.9	1.3W	23	75	1	0.13
200320	22:32:10.79	40° 45.40'	112° 03.65'	8.6	2.2W	27	55	2	0.13
200320	22:36:15.66	40° 44.59'	112° 02.09'	9.0	0.7	18	93	2	0.08
200320	22:37:23.81	40° 45.29'	112° 03.77'	8.3	1.1W	24	53	1	0.17
200320	22:44:02.92	40° 45.09'	112° 02.16'	7.9	1.3W	23	56	4	0.16
200320	22:48:34.22	40° 44.96'	112° 03.52'	8.5	0.4	17	92	2	0.11
200320	22:48:44.34	40° 45.29'	112° 04.06'	7.7	-0.2	11	122	1	0.22
200320	22:50:31.35	40° 43.55'	112° 01.59'	9.3	--	8	113	5	0.08
200320	22:50:36.38	40° 45.59'	112° 01.66'	7.8	0.0	13	112	4	0.13
200320	22:55:59.58	40° 45.58'	112° 04.85'	10.4	0.5	13	107	1	0.13
200320	23:00:29.48	40° 45.88'	112° 05.46'	9.8	0.0	11	96	2	0.10
200320	23:00:38.08	40° 45.47'	112° 04.45'	9.6	0.2	11	116	1	0.11
200320	23:00:56.21	40° 46.06'	112° 04.84'	10.2	0.9	16	89	2	0.16
200320	23:01:06.45	40° 45.89'	112° 05.83'	4.7	0.1	8	162	2	0.14
200320	23:01:32.51	40° 45.71'	112° 06.18'	5.2	-0.2	8	133	2	0.03

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200320	23:01:47.10	40° 45.99'	112° 08.25'	2.2	-0.4	9	124	5	0.22
200320	23:02:45.39	40° 45.99'	112° 04.44'	9.8	0.9	19	87	1	0.15
200320	23:04:27.81	40° 45.51'	112° 04.03'	8.4	0.5	18	94	1	0.14
200320	23:07:57.66	40° 44.23'	112° 04.91'	10.1	0.5	21	59	2	0.13
200320	23:08:07.17	40° 45.19'	112° 04.71'	8.0	0.6	13	96	0	0.08
200320	23:17:44.72	40° 45.70'	112° 04.15'	8.3	1.1W	23	72	1	0.17
200320	23:25:01.70	41° 17.87'	111° 45.76'	11.8	0.9	14	79	21	0.12
200321	00:04:19.50	40° 44.41'	112° 02.99'	7.8	0.9W	20	47	2	0.14
200321	00:05:28.17	40° 43.92'	112° 05.26'	10.1	0.3	14	132	3	0.07
200321	00:06:04.74	40° 46.02'	112° 04.26'	8.4	0.3	10	114	4	0.09
200321	00:09:58.20	40° 46.83'	112° 04.21'	10.8	0.6	14	110	4	0.09
200321	00:10:37.17	40° 44.76'	112° 02.61'	8.0	0.3	11	110	2	0.07
200321	00:15:38.98	40° 46.74'	112° 04.79'	11.4	1.4W	37	56	3	0.15
200321	00:21:38.93	40° 44.08'	112° 03.00'	7.6	0.7W	19	83	1	0.07
200321	01:00:59.88	40° 44.53'	112° 03.73'	4.7	0.1	10	116	3	0.13
200321	01:10:45.24	40° 44.87'	112° 02.72'	10.3	2.2W	46	56	2	0.16
200321	01:14:01.53	40° 45.07'	112° 03.63'	9.1	0.5	16	92	2	0.10
200321	01:27:51.58	40° 44.74'	112° 02.80'	10.6	2.5W	69	44	2	0.19
200321	01:31:50.82	40° 44.92'	112° 02.59'	8.6	1.4W	37	54	2	0.16
200321	01:33:20.59	40° 43.31'	112° 04.65'	10.5	0.9W	22	63	4	0.10
200321	01:39:13.01	40° 44.46'	112° 02.41'	8.6	0.0	9	209	2	0.09
200321	01:47:27.50	40° 44.69'	112° 03.58'	9.6	0.9W	17	64	2	0.11
200321	02:12:37.90	40° 44.71'	112° 02.35'	8.4	1.0W	18	94	3	0.15
200321	02:14:21.96	40° 43.90'	112° 05.49'	10.8	0.3	21	48	3	0.15
200321	02:14:40.29	40° 44.20'	112° 02.58'	8.4	0.9W	25	49	1	0.12
200321	02:27:07.30	40° 45.17'	112° 03.71'	8.9	0.3	13	102	1	0.10
200321	02:27:23.31	40° 43.75'	112° 05.58'	10.8	-0.1	15	99	3	0.08
200321	02:27:56.20	40° 44.66'	112° 02.63'	7.5	0.5W	18	59	2	0.14
200321	02:32:30.64	40° 44.53'	112° 02.64'	9.4	0.7	21	92	2	0.09
200321	02:33:17.12	40° 44.51'	112° 02.46'	9.4	1.2W	23	61	3	0.12
200321	02:34:14.77	40° 44.99'	112° 02.74'	7.6	0.5	19	107	3	0.15
200321	02:37:29.92	40° 45.14'	112° 03.47'	9.6	0.7	21	64	2	0.08
200321	02:40:01.16	40° 45.02'	112° 02.52'	10.1	1.5W	38	43	3	0.19
200321	03:06:31.42	40° 43.81'	112° 05.10'	10.7	0.3	15	64	3	0.08
200321	03:13:46.99	40° 46.51'	112° 04.40'	10.5	1.5W	34	54	2	0.14
200321	03:13:56.96	40° 46.20'	112° 04.81'	10.6	1.5	18	89	2	0.11
200321	03:38:24.53	40° 45.18'	112° 02.25'	7.7	0.5	16	108	3	0.11
200321	03:46:08.64	40° 44.36'	112° 04.82'	10.4	0.8	17	63	2	0.12
200321	03:49:34.42	40° 43.83'	112° 04.37'	10.6	0.6	20	84	3	0.12
200321	04:01:35.78	40° 44.14'	112° 04.03'	9.8	1.0W	17	96	2	0.11
200321	04:25:25.40	40° 45.62'	112° 04.51'	10.8	0.6	21	89	1	0.10
200321	04:30:38.73	40° 45.65'	112° 04.49'	10.2	0.2	15	98	1	0.10
200321	04:33:27.26	40° 45.17'	112° 03.43'	7.9	1.3W	30	53	2	0.15
200321	04:43:44.60	40° 43.62'	112° 04.19'	9.6	0.4	15	85	3	0.08
200321	04:43:51.95	40° 43.83'	112° 04.50'	10.5	0.9W	16	86	3	0.07

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200321	04:51:14.42	40° 42.86'	112° 04.57'	9.2	0.8	16	89	4	0.11
200321	05:05:30.42	39° 31.52'	111° 06.45'	2.8*	1.4W	13	120	15	0.13
200321	05:08:30.10	40° 45.77'	112° 04.24'	8.3	1.1W	22	71	1	0.17
200321	05:29:15.00	40° 43.88'	112° 03.99'	5.6	0.6	13	98	5	0.07
200321	05:35:11.57	40° 44.90'	112° 02.08'	7.4	0.3	14	107	2	0.08
200321	05:41:47.88	40° 45.56'	112° 04.52'	9.9	-0.2	11	93	1	0.11
200321	05:41:53.77	40° 43.57'	112° 04.77'	9.8	1.2W	24	63	3	0.11
200321	05:47:15.56	40° 46.29'	112° 03.24'	8.5	1.1W	24	99	2	0.12
200321	06:10:07.84	40° 44.90'	112° 02.37'	9.6	0.2	9	124	3	0.09
200321	06:17:56.26	40° 44.76'	112° 02.61'	9.8	1.6W	33	46	2	0.11
200321	06:22:23.15	40° 44.74'	112° 02.75'	9.9	1.8W	62	49	2	0.20
200321	06:50:46.34	40° 46.29'	112° 03.66'	8.7	1.6W	32	51	2	0.12
200321	07:02:16.81	40° 47.16'	112° 04.10'	10.8	-0.3	12	128	3	0.10
200321	07:02:42.24	40° 47.01'	112° 04.38'	10.6	0.4	17	92	3	0.12
200321	07:03:14.03	40° 45.84'	112° 04.83'	11.6	-0.2	11	94	1	0.05
200321	07:06:06.02	40° 44.03'	112° 03.83'	9.2	0.3	17	91	2	0.11
200321	07:42:26.09	41° 26.67'	112° 17.35'	0.4*	0.5	6	210	12	0.10
200321	07:53:26.31	40° 44.18'	112° 04.90'	11.3	0.4	21	69	2	0.18
200321	07:53:33.79	40° 44.78'	111° 59.55'	1.2	0.3	11	251	4	0.30
200321	08:09:02.48	40° 44.01'	112° 03.87'	9.6	0.5	15	99	2	0.11
200321	08:09:29.16	40° 44.94'	112° 04.68'	5.1	0.5	22	59	1	0.13
200321	08:19:00.19	40° 44.31'	112° 03.22'	9.7	1.4W	24	47	2	0.09
200321	08:51:04.53	40° 45.48'	112° 03.03'	9.3	0.3	17	104	2	0.10
200321	08:58:19.01	40° 44.40'	112° 03.21'	8.0	0.5W	18	88	2	0.10
200321	09:06:40.80	40° 46.12'	112° 04.64'	9.9	2.9W	60	54	2	0.15
200321	09:12:19.16	40° 46.17'	112° 04.74'	8.8	0.6	19	89	2	0.17
200321	09:21:33.92	40° 45.95'	112° 04.38'	9.9	0.7	12	95	5	0.18
200321	09:40:02.92	40° 44.20'	112° 04.12'	9.7	0.3	11	106	2	0.08
200321	10:08:56.04	38° 28.57'	112° 50.97'	-0.2	0.0	12	143	2	0.08
200321	10:09:09.05	38° 28.53'	112° 51.03'	-0.4	-0.4	9	208	2	0.07
200321	10:22:21.53	40° 47.54'	112° 04.26'	12.1	0.5	18	116	2	0.13
200321	10:22:48.77	40° 44.34'	112° 03.62'	9.5	-0.1	11	115	2	0.07
200321	10:24:51.20	40° 47.02'	112° 04.42'	11.9	0.7W	18	82	3	0.10
200321	10:33:45.28	40° 43.99'	112° 03.42'	9.8	1.0W	16	86	3	0.11
200321	11:04:08.65	40° 43.77'	112° 04.95'	9.3	0.7	14	79	3	0.13
200321	11:54:23.83	40° 45.38'	112° 03.16'	8.9	0.6	18	109	2	0.14
200321	11:58:49.52	40° 44.18'	112° 04.03'	9.6	1.5W	18	82	2	0.11
200321	12:07:53.69	40° 45.41'	112° 04.10'	8.0	0.4	18	92	1	0.14
200321	12:16:03.24	40° 44.16'	112° 04.67'	8.2	0.4	13	110	6	0.16
200321	12:46:08.11	40° 44.54'	112° 02.37'	9.5	0.6W	20	52	2	0.12
200321	12:48:24.27	40° 44.60'	112° 02.45'	8.8	0.4	16	64	2	0.12
200321	12:51:14.29	40° 44.94'	112° 02.33'	8.9	-0.1	19	96	2	0.15
200321	12:51:20.64	40° 44.73'	112° 02.40'	8.7	0.7	26	52	2	0.12
200321	12:51:53.96	40° 44.84'	112° 02.36'	8.7	-0.1	14	106	2	0.12
200321	13:09:55.32	40° 44.46'	112° 03.60'	8.1	0.8	18	97	2	0.09

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200321	13:44:02.01	40° 43.98'	112° 03.33'	8.8	1.3W	31	48	2	0.18
200321	14:01:41.09	40° 44.53'	112° 02.81'	8.6	0.4	11	130	3	0.10
200321	14:09:07.36	40° 42.82'	112° 05.96'	11.7	1.2W	19	44	3	0.10
200321	14:11:27.96	40° 42.50'	112° 06.36'	12.0	-0.1	7	120	6	0.09
200321	14:11:42.06	40° 42.94'	112° 05.47'	11.8	0.1	15	90	3	0.15
200321	14:15:56.42	40° 45.03'	112° 03.72'	10.1	2.4W	48	48	1	0.19
200321	14:55:18.34	40° 45.66'	112° 04.35'	9.5	1.0W	20	91	1	0.12
200321	15:15:55.80	40° 44.42'	112° 04.28'	8.6	0.7	18	80	2	0.12
200321	15:28:33.37	38° 28.52'	112° 51.02'	-0.2	-0.3	12	208	2	0.08
200321	15:34:19.16	40° 44.74'	112° 02.13'	9.2	0.1	12	111	4	0.11
200321	15:46:48.83	40° 46.58'	112° 05.76'	8.8	1.2W	25	58	3	0.13
200321	16:00:46.18	40° 47.00'	112° 04.70'	11.6	0.9W	21	105	3	0.13
200321	16:01:28.59	40° 46.75'	112° 04.75'	11.9	1.0W	19	93	3	0.13
200321	16:17:37.80	40° 48.35'	111° 59.99'	8.2	0.6	16	136	4	0.10
200321	16:35:52.92	40° 44.31'	112° 04.14'	8.1	0.0	9	128	2	0.09
200321	16:59:31.93	40° 44.60'	112° 03.81'	10.3	3.4W	52	46	2	0.20
200321	17:21:23.46	40° 44.70'	112° 03.15'	8.0	1.4W	30	53	2	0.19
200321	17:28:16.80	40° 44.96'	112° 03.75'	10.2	--	18	68	1	0.12
200321	17:28:19.56	40° 44.60'	112° 03.22'	12.6	0.7	16	75	2	0.15
200321	17:51:13.90	40° 44.01'	112° 03.83'	8.7	1.0	15	91	2	0.08
200321	17:56:57.65	38° 28.29'	112° 50.87'	1.3	0.2	13	222	2	0.14
200321	18:28:30.96	40° 45.77'	112° 04.48'	10.2	0.5	15	92	1	0.10
200321	18:52:09.69	40° 44.76'	112° 01.69'	9.1	1.3W	30	56	2	0.13
200321	19:09:12.36	40° 44.30'	112° 03.65'	8.2	1.0	15	83	2	0.16
200321	19:25:32.28	40° 45.21'	112° 04.58'	9.5	0.5	13	103	0	0.09
200321	19:35:32.65	40° 46.69'	112° 05.54'	8.1	1.2W	24	58	3	0.17
200321	19:41:24.89	40° 44.95'	112° 02.36'	7.9	0.3	14	96	2	0.12
200321	19:42:21.96	40° 43.87'	112° 05.33'	11.2	0.4	18	58	3	0.18
200321	20:06:12.15	40° 44.85'	112° 03.19'	9.3	0.5	17	94	2	0.10
200321	20:12:00.78	40° 44.85'	112° 02.85'	8.8	0.7	21	95	2	0.11
200321	20:18:27.70	40° 44.39'	112° 02.55'	9.3	1.1W	25	51	3	0.13
200321	20:38:27.50	40° 44.62'	112° 05.38'	7.0	0.1	9	115	10	0.11
200321	20:39:30.31	40° 46.93'	112° 04.69'	12.5	0.3	19	104	3	0.13
200321	20:40:16.76	40° 46.23'	112° 06.23'	0.4	0.2	10	189	10	0.19
200321	20:40:33.55	40° 45.21'	112° 02.86'	6.7	0.6	17	98	3	0.13
200321	20:41:12.67	40° 44.38'	112° 03.82'	8.1	0.1	14	104	3	0.16
200321	20:49:30.32	40° 43.69'	112° 04.48'	5.6	0.3	14	97	5	0.14
200321	21:02:09.55	40° 45.08'	112° 04.55'	9.6	0.5	13	84	0	0.16
200321	21:31:36.82	40° 44.49'	112° 03.60'	3.0	0.8	17	57	3	0.16
200321	21:44:44.47	40° 45.93'	112° 04.47'	8.5	1.4W	30	53	1	0.16
200321	21:46:55.22	40° 45.28'	112° 04.74'	7.8	1.2	18	67	0	0.18
200321	21:48:01.87	40° 45.83'	112° 04.33'	9.1	0.9W	18	59	5	0.12
200321	22:00:55.25	40° 45.53'	112° 04.39'	9.7	0.2	10	116	1	0.07
200321	22:28:11.69	40° 45.59'	112° 04.69'	9.3	0.3	13	76	1	0.09
200321	22:29:30.11	40° 44.65'	112° 04.51'	8.3	0.6	16	80	1	0.12

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200321	22:31:50.61	40° 44.60'	112° 04.37'	8.9	0.8	16	81	1	0.13
200321	22:42:18.49	40° 44.99'	112° 02.92'	10.0	1.0	15	82	3	0.09
200321	23:34:04.05	40° 46.15'	112° 05.23'	10.2	1.2W	25	56	2	0.15
200321	23:37:28.01	40° 44.97'	112° 05.00'	11.1	0.3	15	95	1	0.08
200321	23:51:08.58	40° 46.70'	112° 03.03'	9.4	1.2W	24	105	4	0.12
200322	00:20:49.38	40° 44.67'	112° 02.86'	8.5	0.9	19	93	2	0.13
200322	00:37:28.09	40° 44.93'	111° 57.93'	2.0	0.9W	25	86	2	0.18
200322	00:38:13.62	40° 44.18'	112° 03.11'	5.0	1.4W	27	87	2	0.15
200322	01:01:02.18	40° 43.81'	112° 03.59'	8.6	0.6	15	104	2	0.07
200322	01:07:51.69	40° 46.24'	112° 04.36'	9.3	0.6	16	96	2	0.16
200322	01:12:42.02	40° 43.59'	112° 03.40'	7.2	0.7	13	93	4	0.07
200322	01:19:45.93	40° 45.28'	111° 58.10'	4.4	0.5	15	115	6	0.15
200322	01:23:08.12	40° 44.19'	112° 03.47'	9.3	1.2	27	77	2	0.14
200322	02:15:11.28	40° 44.47'	112° 02.88'	5.6	1.0	22	58	2	0.12
200322	02:56:35.61	40° 45.31'	112° 02.60'	6.8	1.9W	36	49	3	0.14
200322	03:07:18.11	40° 43.50'	112° 04.52'	10.1	1.2	25	43	3	0.13
200322	03:15:57.68	40° 45.27'	112° 03.23'	9.1	0.8	21	57	2	0.08
200322	03:29:56.45	40° 45.60'	112° 03.73'	8.4	0.7	21	79	2	0.10
200322	03:31:17.67	40° 45.23'	112° 03.37'	9.4	0.8	16	66	2	0.06
200322	03:44:52.92	40° 45.06'	112° 04.70'	10.4	1.9W	32	50	0	0.09
200322	03:59:38.65	37° 34.88'	113° 22.47'	3.5	1.7W	8	100	4	0.06
200322	04:18:21.04	40° 45.52'	112° 03.77'	8.4	0.7	23	76	1	0.11
200322	04:32:10.09	40° 45.24'	112° 03.52'	8.8	0.6	16	105	2	0.13
200322	04:32:45.53	40° 45.23'	112° 03.43'	9.1	0.8	19	67	2	0.07
200322	04:41:36.06	40° 44.37'	112° 03.75'	9.7	1.7W	45	46	2	0.17
200322	04:57:24.58	40° 45.43'	112° 03.95'	8.6	0.7W	16	94	1	0.10
200322	04:57:53.23	40° 45.35'	112° 03.41'	8.7	0.7W	16	99	2	0.10
200322	04:58:28.06	40° 45.37'	112° 03.75'	9.4	0.2	9	122	1	0.05
200322	04:58:32.64	40° 45.53'	112° 03.88'	8.9	0.7	13	83	1	0.09
200322	05:04:14.98	40° 45.42'	112° 03.30'	8.7	0.6	21	70	2	0.11
200322	05:12:26.73	40° 45.60'	112° 00.37'	11.1	--	8	135	6	0.10
200322	05:12:29.95	40° 45.56'	112° 03.03'	8.3	1.1W	22	58	2	0.13
200322	05:18:05.47	40° 45.33'	112° 03.52'	8.3	0.3	17	69	2	0.11
200322	06:20:13.07	40° 45.55'	112° 04.68'	4.4	0.3	15	86	5	0.14
200322	06:38:47.88	40° 45.17'	112° 02.46'	9.1	0.3	16	98	3	0.12
200322	07:10:51.37	40° 45.45'	112° 01.85'	7.2	1.0W	30	47	4	0.19
200322	07:14:15.79	40° 45.12'	112° 02.12'	8.2	0.7	17	73	3	0.15
200322	07:31:41.54	40° 45.53'	112° 02.86'	9.8	0.5	22	64	3	0.12
200322	08:29:13.42	40° 44.97'	112° 03.72'	9.6	1.2	29	47	1	0.15
200322	08:31:36.70	40° 44.25'	112° 03.53'	9.1	2.2W	36	44	2	0.14
200322	08:48:13.36	40° 44.13'	112° 03.62'	8.7	0.8	16	95	2	0.09
200322	08:54:18.49	40° 44.35'	112° 03.18'	8.4	1.7W	36	47	2	0.14
200322	08:57:14.36	40° 43.98'	112° 04.72'	11.0	2.1W	33	46	2	0.14
200322	08:58:45.92	40° 44.02'	112° 03.52'	8.1	0.5W	19	91	2	0.08
200322	09:23:36.11	40° 44.10'	112° 03.72'	8.5	0.6	25	54	2	0.10

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200322	09:37:44.46	40° 45.73'	112° 04.61'	8.9	1.0W	19	61	1	0.12
200322	09:47:16.87	40° 43.88'	112° 04.13'	7.8	1.3W	25	58	3	0.15
200322	10:01:29.20	40° 45.60'	112° 04.84'	11.0	0.4	21	73	5	0.09
200322	10:03:54.05	40° 44.19'	112° 03.65'	8.2	1.4W	33	47	2	0.13
200322	10:50:44.60	40° 45.45'	112° 03.70'	7.8	0.4	19	97	1	0.12
200322	10:56:33.36	40° 44.64'	112° 02.99'	9.5	0.5	19	92	2	0.10
200322	11:09:32.69	40° 43.61'	112° 02.62'	8.9	0.2	20	99	1	0.14
200322	11:16:07.59	40° 46.24'	112° 04.51'	7.8	0.5	12	105	13	0.08
200322	11:25:16.22	40° 44.09'	112° 03.53'	8.1	1.1W	21	62	3	0.15
200322	11:27:11.69	40° 45.86'	112° 04.87'	10.2	0.9W	18	84	1	0.13
200322	11:43:43.52	40° 46.25'	112° 05.02'	10.4	0.6	15	89	2	0.10
200322	11:44:01.79	40° 46.06'	112° 04.82'	10.2	0.7	17	89	2	0.07
200322	11:53:28.99	40° 45.80'	112° 04.43'	10.6	1.0	18	93	1	0.08
200322	12:25:25.10	40° 44.15'	112° 03.32'	9.2	1.1	23	85	3	0.09
200322	12:53:21.24	40° 44.19'	112° 03.63'	8.6	0.6	20	83	2	0.10
200322	13:11:14.54	40° 47.00'	112° 04.48'	11.9	1.5W	21	56	3	0.08
200322	13:14:47.92	40° 45.43'	112° 02.87'	8.0	0.6	22	62	3	0.14
200322	14:15:03.02	40° 44.23'	112° 03.55'	9.7	0.6	16	81	2	0.10
200322	15:00:31.63	40° 44.89'	112° 03.33'	9.1	0.8	18	57	2	0.09
200322	15:00:55.00	40° 46.69'	112° 05.30'	13.3	-0.1	10	93	3	0.10
200322	15:34:31.00	40° 44.73'	112° 04.04'	9.5	0.8	22	57	1	0.09
200322	15:35:09.77	40° 45.25'	112° 04.85'	11.2	0.1	13	89	0	0.07
200322	15:50:15.53	40° 45.08'	112° 03.95'	9.4	2.8W	48	48	1	0.18
200322	16:18:14.59	40° 43.33'	112° 04.81'	11.7	0.9	17	83	3	0.08
200322	16:32:48.33	40° 45.34'	112° 02.18'	7.3	0.8	20	72	3	0.11
200322	16:51:32.14	40° 45.25'	112° 04.30'	7.3	0.4	20	68	1	0.13
200322	18:24:45.56	40° 45.59'	112° 04.85'	10.5	0.1	9	92	1	0.06
200322	18:24:56.07	40° 46.32'	111° 58.94'	3.9	0.9W	24	109	4	0.20
200322	18:42:08.68	40° 44.06'	112° 03.99'	8.2	0.6	17	55	2	0.10
200322	19:37:40.09	40° 45.22'	112° 01.87'	9.5	1.0	19	83	4	0.08
200322	20:14:29.90	40° 45.78'	112° 04.13'	10.6	0.3	16	116	1	0.06
200322	20:22:59.10	40° 44.60'	112° 04.07'	9.7	1.1	18	62	1	0.10
200322	20:28:40.92	40° 43.78'	112° 04.69'	10.7	0.6	18	66	3	0.10
200322	20:55:02.00	40° 44.06'	112° 04.78'	11.6	1.5W	27	46	2	0.14
200322	21:05:41.83	40° 44.33'	112° 04.25'	9.2	0.3	15	80	2	0.11
200322	21:32:42.68	38° 34.24'	112° 37.12'	3.3*	0.7	10	179	16	0.03
200322	21:40:25.45	40° 44.84'	112° 04.24'	6.9	-0.2	14	94	1	0.13
200322	21:40:40.39	40° 44.80'	112° 03.14'	9.0	0.2	17	94	2	0.10
200322	22:06:14.91	38° 16.84'	112° 34.01'	9.1	0.6	12	115	6	0.13
200322	22:59:16.93	40° 45.41'	112° 03.26'	9.1	1.0	22	90	2	0.13
200322	23:40:06.55	40° 44.70'	112° 03.40'	7.7	0.1	13	94	3	0.11
200323	00:27:12.13	40° 44.56'	112° 04.32'	10.5	1.4W	27	57	1	0.10
200323	00:37:11.43	40° 45.79'	112° 04.31'	9.3	--	14	82	1	0.17
200323	01:00:33.67	40° 44.33'	112° 06.36'	13.0	0.7	19	59	3	0.10
200323	01:17:15.31	40° 46.74'	112° 03.18'	10.0	3.9W	52	52	2	0.19

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200323	01:19:54.44	40° 46.45'	112° 02.71'	8.9	1.7	20	109	4	0.08
200323	01:33:51.81	40° 46.75'	112° 02.58'	9.1	0.9	22	60	4	0.09
200323	01:40:28.64	40° 45.52'	112° 04.28'	9.4	0.5	15	117	1	0.09
200323	01:42:34.13	40° 46.17'	112° 02.91'	8.5	0.4	23	100	2	0.12
200323	01:42:42.49	40° 46.37'	112° 03.49'	8.3	0.1	16	100	3	0.12
200323	01:44:06.74	40° 46.31'	112° 03.27'	7.0	0.8W	19	107	3	0.14
200323	01:45:42.30	40° 46.99'	112° 02.16'	8.6	0.3	18	115	1	0.10
200323	01:46:03.52	40° 46.66'	112° 02.45'	10.3	-0.6	14	139	1	0.09
200323	01:46:43.83	40° 43.90'	112° 04.52'	7.6	-0.3	11	90	2	0.06
200323	01:48:49.50	40° 46.58'	112° 04.76'	10.3	0.4	22	97	3	0.10
200323	01:50:11.61	40° 47.03'	112° 02.91'	7.9	0.6	14	120	2	0.09
200323	02:17:30.80	40° 44.13'	112° 03.55'	7.2	1.4W	33	48	3	0.15
200323	02:21:21.87	40° 46.28'	112° 03.10'	7.6	2.0W	50	50	3	0.18
200323	02:33:46.03	40° 46.16'	112° 03.16'	7.4	1.0	25	98	3	0.13
200323	02:36:17.65	40° 46.79'	112° 02.27'	7.7	1.5W	41	60	1	0.15
200323	02:43:20.41	40° 47.36'	112° 04.45'	10.4	0.7W	21	105	3	0.15
200323	02:53:15.17	40° 46.09'	112° 03.10'	7.9	0.4W	20	106	3	0.13
200323	02:53:48.94	40° 46.44'	112° 02.33'	7.5	0.8W	23	103	4	0.12
200323	02:58:29.58	40° 47.78'	112° 04.15'	12.2	0.4	11	118	2	0.09
200323	03:00:21.23	40° 44.53'	112° 03.26'	8.6	1.1W	21	89	2	0.14
200323	03:38:49.65	40° 44.50'	112° 04.16'	8.8	0.9	21	79	2	0.09
200323	04:11:44.81	40° 43.96'	112° 03.18'	9.5	0.4	18	84	2	0.07
200323	04:12:02.71	40° 44.07'	112° 02.97'	9.7	-0.1	14	96	1	0.11
200323	04:38:46.67	40° 46.81'	112° 02.20'	7.2	0.5	21	113	1	0.09
200323	04:40:47.54	40° 45.12'	112° 03.38'	7.8	0.9	21	77	2	0.15
200323	04:51:16.16	40° 45.63'	112° 04.69'	8.6	0.7	16	87	1	0.12
200323	04:56:38.34	40° 44.43'	112° 04.20'	9.6	0.6	20	81	2	0.15
200323	05:39:32.51	40° 46.49'	112° 02.53'	8.6	1.8W	38	49	4	0.15
200323	06:19:46.09	40° 45.49'	112° 04.31'	10.1	0.1	13	98	1	0.08
200323	06:35:18.62	40° 45.66'	112° 04.50'	10.1	1.8W	29	52	1	0.18
200323	06:35:46.90	40° 45.09'	112° 03.78'	11.6	1.1W	21	65	1	0.14
200323	06:37:02.90	40° 45.00'	112° 03.32'	8.9	1.8W	39	44	2	0.16
200323	06:37:22.15	40° 45.89'	112° 05.42'	9.8	1.1	8	95	2	0.10
200323	06:59:47.81	40° 44.04'	112° 04.19'	9.3	1.1W	25	69	2	0.16
200323	07:08:03.16	40° 46.71'	112° 04.40'	11.4	1.3W	25	55	3	0.11
200323	07:13:31.92	40° 44.72'	112° 03.34'	9.4	0.7W	17	91	2	0.09
200323	07:19:21.67	40° 46.26'	112° 02.66'	8.9	0.6	18	88	2	0.06
200323	07:30:20.33	40° 46.86'	112° 04.84'	11.2	0.3	15	99	3	0.17
200323	07:57:27.47	40° 44.41'	112° 03.66'	8.6	0.3	12	107	2	0.05
200323	07:59:03.66	40° 44.39'	112° 03.73'	7.6	0.4	14	96	2	0.07
200323	08:34:38.47	40° 46.35'	112° 04.74'	8.7	1.5W	32	54	2	0.17
200323	08:50:29.80	40° 46.73'	112° 03.08'	8.4	1.0W	30	53	4	0.14
200323	08:50:56.85	40° 43.67'	112° 02.95'	9.8	0.9W	16	92	4	0.07
200323	09:06:13.72	40° 46.49'	112° 04.37'	9.8	0.5	19	104	2	0.15
200323	09:19:17.27	40° 44.16'	112° 02.94'	9.4	0.4	19	87	1	0.11

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200323	10:16:21.74	40° 45.79'	111° 58.94'	9.0	-0.1	8	169	6	0.17
200323	10:16:38.10	40° 45.10'	111° 58.53'	1.3	0.2	10	113	6	0.08
200323	10:20:05.24	40° 44.86'	112° 04.39'	8.3	0.3	14	92	1	0.08
200323	10:38:50.19	40° 12.38'	111° 08.74'	3.4*	1.5	13	88	25	0.16
200323	10:59:08.22	40° 44.37'	112° 02.82'	9.1	0.2	13	91	2	0.10
200323	11:11:07.51	40° 44.49'	112° 02.56'	5.0	0.7	20	92	3	0.18
200323	11:27:51.41	40° 46.98'	112° 05.53'	8.1	0.9W	18	59	3	0.12
200323	11:52:33.48	40° 44.74'	112° 03.10'	6.2	0.2	9	121	12	0.07
200323	13:29:47.13	40° 44.35'	112° 03.75'	8.2	0.6	17	91	2	0.09
200323	13:41:21.50	40° 46.49'	112° 04.65'	12.2	0.9W	17	98	2	0.17
200323	13:41:37.46	40° 48.05'	112° 04.08'	10.6	0.4	9	149	2	0.08
200323	13:48:15.60	40° 46.81'	112° 04.40'	11.3	1.1W	20	78	3	0.14
200323	14:12:50.27	40° 44.25'	112° 04.94'	10.7	2.9W	38	58	2	0.17
200323	15:01:19.91	40° 46.23'	112° 03.60'	8.5	0.6	15	99	2	0.09
200323	15:19:45.64	40° 44.34'	112° 03.40'	9.0	1.9W	33	58	2	0.12
200323	15:38:36.74	40° 45.10'	112° 02.20'	7.3	0.4	13	108	4	0.14
200323	16:40:48.09	40° 46.77'	112° 02.71'	8.5	1.5W	27	83	1	0.10
200323	17:07:18.41	40° 43.85'	112° 04.35'	6.2	0.1	9	140	3	0.22
200323	17:23:44.81	40° 45.93'	112° 06.07'	7.2	0.1	7	158	2	0.02
200323	18:18:06.07	40° 44.05'	112° 03.15'	9.3	1.5W	25	44	2	0.12
200323	18:40:06.43	40° 45.51'	112° 04.62'	10.4	1.4W	26	65	1	0.11
200323	18:41:40.11	40° 45.67'	112° 04.48'	9.9	1.3W	15	78	1	0.09
200323	18:42:18.13	40° 45.81'	112° 04.60'	10.2	2.3W	38	53	1	0.13
200323	19:13:29.43	40° 43.90'	112° 03.09'	9.3	0.3	12	113	1	0.12
200323	21:28:18.66	40° 43.47'	112° 04.28'	8.8	0.8	16	97	3	0.08
200323	22:10:41.61	40° 47.63'	112° 04.43'	8.7	-0.1	6	142	11	0.07
200323	22:41:43.44	40° 46.50'	111° 58.50'	2.9	0.4	9	111	8	0.07
200323	23:11:39.15	40° 44.04'	112° 04.13'	9.6	1.5W	34	44	2	0.18
200323	23:42:13.80	39° 23.90'	110° 16.30'	-3.4	1.7	9	211	5	0.25
200324	00:23:11.29	40° 45.76'	112° 04.24'	7.6	0.4	8	115	1	0.10
200324	01:09:01.07	40° 45.81'	112° 04.50'	10.2	0.8	13	91	1	0.11
200324	01:33:22.84	40° 45.40'	112° 04.16'	8.7	1.0	23	40	1	0.13
200324	01:43:33.49	40° 44.56'	112° 02.89'	8.3	0.9W	26	52	2	0.14
200324	01:52:26.40	40° 45.46'	112° 05.39'	11.4	0.4	15	95	1	0.08
200324	01:53:19.48	40° 46.05'	112° 04.59'	10.5	0.4	12	100	2	0.07
200324	02:12:20.19	40° 43.97'	112° 05.00'	10.0	0.6	12	90	2	0.09
200324	04:27:15.97	40° 44.83'	112° 03.68'	8.4	1.0	23	70	2	0.15
200324	04:39:39.00	39° 24.42'	110° 17.73'	-3.4	--	8	203	3	0.16
200324	04:44:04.44	40° 44.83'	112° 03.57'	8.5	0.8	21	55	2	0.10
200324	04:46:33.34	40° 45.15'	112° 05.04'	10.7	0.5	18	93	0	0.10
200324	05:17:26.95	39° 24.53'	110° 18.19'	-1.5	1.5	7	200	3	0.05
200324	06:10:26.86	40° 46.94'	112° 04.15'	12.7	0.5W	17	111	3	0.08
200324	07:38:09.41	40° 47.05'	112° 02.48'	7.9	0.9W	24	108	1	0.15
200324	08:07:09.88	40° 45.68'	112° 05.16'	11.1	0.2	13	114	1	0.10
200324	08:26:04.03	40° 45.24'	112° 03.37'	12.9	0.2	10	147	2	0.17

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200324	08:32:35.11	40° 46.79'	112° 04.33'	11.4	2.0W	45	55	3	0.14
200324	08:36:57.09	40° 46.90'	112° 02.62'	7.8	0.7	19	106	1	0.12
200324	08:53:01.10	40° 46.31'	112° 04.41'	13.0	0.4	11	106	2	0.09
200324	10:03:54.73	40° 27.65'	111° 55.82'	7.1	0.8	18	105	2	0.21
200324	11:01:17.95	40° 47.73'	112° 04.65'	11.8	0.6	15	117	2	0.14
200324	11:01:50.52	40° 46.92'	112° 04.53'	12.5	0.8	13	107	3	0.13
200324	11:19:05.08	40° 44.11'	112° 03.05'	8.4	0.5	20	86	2	0.09
200324	11:36:50.50	40° 45.04'	112° 04.49'	9.3	0.8	19	83	0	0.11
200324	11:42:09.09	40° 46.77'	112° 02.71'	9.1	3.1W	40	51	1	0.17
200324	12:12:00.80	40° 43.63'	112° 04.01'	9.0	0.4	14	101	3	0.10
200324	12:12:15.79	40° 46.28'	112° 02.55'	8.3	2.1W	39	52	1	0.11
200324	12:17:03.06	40° 45.69'	112° 04.78'	9.4	0.2	11	94	1	0.13
200324	12:49:01.22	40° 46.47'	112° 02.56'	8.6	0.8	14	117	4	0.09
200324	12:51:52.44	40° 44.09'	112° 03.51'	9.8	0.0	13	113	2	0.11
200324	13:02:04.73	40° 43.86'	112° 04.76'	4.1	0.2	10	153	3	0.08
200324	14:13:09.02	40° 46.17'	112° 04.43'	9.4	0.9	18	98	2	0.14
200324	14:23:21.80	40° 44.62'	112° 03.09'	8.8	1.0W	23	53	2	0.12
200324	14:29:45.28	40° 44.88'	112° 04.01'	5.4	0.8	12	95	1	0.14
200324	14:47:53.49	40° 46.95'	112° 04.28'	10.7	1.0W	18	82	3	0.11
200324	14:52:29.74	39° 24.29'	110° 17.72'	-1.9	1.4	6	203	3	0.04
200324	15:09:32.01	40° 44.02'	112° 03.02'	5.9	2.1W	38	42	1	0.15
200324	15:23:08.33	40° 43.83'	112° 03.26'	5.6	1.1W	19	109	2	0.13
200324	15:37:41.15	40° 44.54'	112° 01.62'	8.5	0.5	13	110	4	0.10
200324	16:14:51.69	40° 44.02'	112° 02.83'	5.9	0.5	13	88	9	0.13
200324	18:25:33.83	40° 46.74'	112° 06.39'	7.5	0.0	6	175	4	0.08
200324	18:27:57.07	40° 46.31'	112° 02.49'	8.3	1.4W	27	61	1	0.11
200324	18:29:42.97	40° 44.84'	112° 04.74'	5.6	0.9W	17	67	1	0.17
200324	18:54:02.84	40° 45.95'	112° 04.98'	10.2	1.3W	19	86	1	0.13
200324	19:27:04.10	40° 45.82'	112° 05.20'	10.4	0.6	10	107	1	0.12
200324	19:27:32.63	40° 46.42'	112° 05.72'	9.8	0.4	11	126	3	0.14
200324	19:48:12.17	39° 24.15'	110° 17.78'	-2.2	1.7	8	203	3	0.06
200324	20:10:10.59	40° 44.87'	112° 03.98'	7.6	1.1W	20	56	1	0.17
200324	20:15:19.94	40° 45.21'	112° 05.88'	4.8	0.2	10	109	2	0.08
200324	21:10:21.16	40° 44.93'	112° 02.93'	4.8	0.5	9	122	3	0.07
200324	21:30:17.45	39° 24.18'	110° 17.66'	-2.3	2.0	7	203	4	0.02
200324	21:48:45.78	40° 44.45'	112° 02.74'	8.9	0.9	15	92	2	0.09
200324	22:09:49.70	40° 45.82'	112° 04.45'	10.4	1.1	18	91	1	0.08
200324	22:38:45.23	40° 44.40'	112° 03.24'	9.5	0.6	11	106	2	0.10
200324	23:10:39.17	40° 43.56'	112° 06.11'	11.5	0.3	7	115	4	0.08
200325	00:07:46.95	40° 43.52'	112° 05.58'	11.5	0.8	11	94	3	0.11
200325	00:21:06.89	40° 44.63'	112° 03.61'	7.6	0.3	8	141	2	0.04
200325	00:46:30.52	38° 28.47'	112° 48.53'	4.3	0.0	8	287	5	0.04
200325	01:25:14.92	40° 44.73'	111° 57.87'	2.5	1.1W	18	64	2	0.13
200325	01:32:48.15	40° 44.78'	111° 57.40'	3.5	0.8	9	118	2	0.12
200325	01:38:40.24	39° 24.24'	110° 17.84'	-2.2	2.1	10	202	3	0.09

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200325	01:43:57.95	40° 46.22'	111° 59.01'	4.8	0.5	10	145	4	0.14
200325	02:15:16.97	40° 44.87'	112° 02.15'	7.7	0.6	18	107	2	0.13
200325	02:17:44.01	40° 44.93'	111° 57.85'	2.0	1.0W	21	79	2	0.14
200325	02:39:35.67	40° 45.59'	112° 04.61'	10.6	0.8	16	75	1	0.09
200325	03:14:37.25	40° 44.75'	111° 57.71'	6.1	1.2	18	87	7	0.13
200325	03:44:16.85	40° 44.69'	112° 04.81'	9.3	0.6	12	82	1	0.12
200325	04:13:35.13	38° 28.03'	112° 47.54'	2.0	0.1	14	186	6	0.14
200325	04:41:46.47	40° 43.97'	112° 05.17'	10.8	1.1	26	51	2	0.19
200325	04:45:02.41	39° 24.39'	110° 18.29'	-1.4	1.7	7	200	3	0.06
200325	05:04:12.10	40° 44.96'	112° 04.71'	10.1	0.5	15	70	0	0.14
200325	05:19:32.48	40° 44.87'	111° 57.65'	3.5	0.9	12	110	2	0.12
200325	05:31:01.52	39° 24.34'	110° 16.00'	-3.4	1.6	8	211	5	0.23
200325	05:42:08.86	40° 45.48'	112° 04.36'	10.8	0.6	18	90	1	0.08
200325	05:44:08.14	40° 43.58'	112° 05.19'	10.6	1.1	22	56	3	0.09
200325	05:55:52.40	40° 45.92'	112° 04.41'	9.7	0.4	13	101	1	0.15
200325	06:14:08.12	40° 45.79'	112° 04.74'	10.3	0.2	15	117	1	0.07
200325	06:31:04.04	39° 24.54'	110° 18.33'	-1.2	2.1	8	199	2	0.04
200325	07:19:38.00	38° 28.12'	112° 47.39'	2.5	0.5	10	292	6	0.05
200325	07:54:34.27	39° 24.37'	110° 18.00'	-2.2	1.8	10	201	3	0.13
200325	08:55:01.72	40° 45.06'	111° 57.85'	5.3	1.7W	30	34	6	0.13
200325	09:01:50.91	40° 44.39'	112° 03.11'	7.8	0.5	19	100	2	0.10
200325	09:21:25.27	40° 44.93'	111° 57.77'	5.2	0.7W	18	86	7	0.13
200325	10:38:50.98	40° 44.64'	112° 03.70'	10.5	0.8W	16	108	2	0.09
200325	11:06:42.80	38° 28.31'	112° 47.74'	3.1	-0.3	10	290	6	0.03
200325	11:37:58.72	40° 44.23'	112° 03.62'	8.0	0.4	12	103	2	0.10
200325	11:54:29.00	40° 46.97'	112° 04.62'	11.4	1.7W	37	57	3	0.15
200325	13:26:31.95	40° 44.54'	111° 57.34'	1.5	0.5W	16	87	2	0.22
200325	13:40:35.76	40° 43.46'	112° 02.17'	9.0	0.2W	13	98	5	0.12
200325	14:04:51.17	40° 45.23'	112° 05.29'	11.9	0.8W	16	110	1	0.09
200325	14:41:04.46	40° 45.23'	112° 03.40'	8.3	1.0	21	97	2	0.12
200325	15:04:47.48	40° 46.03'	112° 05.62'	11.0	0.8	10	117	2	0.10
200325	15:52:57.91	40° 46.44'	112° 04.53'	8.7	0.7	10	99	2	0.12
200325	17:23:43.21	40° 44.75'	112° 02.53'	8.7	0.5	12	111	2	0.11
200325	18:11:00.53	39° 24.50'	110° 18.11'	-1.5	1.9	6	200	3	0.05
200325	18:54:59.67	40° 44.36'	112° 02.45'	9.0	2.1W	40	41	1	0.14
200325	19:50:27.52	38° 27.88'	112° 24.73'	5.0*	1.2	10	130	16	0.06
200325	20:05:09.38	39° 24.27'	110° 17.92'	-2.4	1.7	6	201	3	0.01
200325	20:10:29.42	40° 44.41'	111° 57.70'	2.7	0.6	10	107	1	0.18
200325	20:29:18.68	40° 44.60'	112° 03.21'	8.4	0.7	10	124	2	0.06
200325	23:48:34.62	40° 44.05'	112° 03.70'	7.7	0.1	14	100	2	0.09
200326	02:03:47.45	40° 43.67'	112° 04.89'	9.6	1.3W	31	33	3	0.16
200326	02:05:59.87	40° 45.52'	112° 04.81'	9.8	1.6W	41	52	1	0.12
200326	03:08:54.84	39° 23.97'	110° 16.54'	-3.4	2.0W	14	190	5	0.21
200326	03:21:47.61	40° 45.29'	112° 04.10'	9.4	0.4	15	90	1	0.09
200326	04:32:08.91	40° 43.97'	112° 04.14'	9.9	0.7	16	78	2	0.11

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200326	06:50:50.38	40° 43.36'	112° 04.65'	9.3	0.4	14	75	3	0.16
200326	08:40:31.91	40° 43.97'	112° 03.79'	5.8	0.5	12	104	3	0.11
200326	08:58:08.30	40° 45.26'	112° 04.48'	8.7	0.4	11	112	0	0.11
200326	08:58:40.57	40° 43.34'	112° 04.85'	10.5	1.1	16	60	3	0.15
200326	10:07:43.41	38° 04.37'	112° 45.90'	6.2*	0.8	11	107	21	0.23
200326	10:13:49.27	40° 46.58'	111° 57.18'	11.7	0.4	7	135	3	0.05
200326	10:22:51.37	40° 44.08'	112° 04.35'	8.0	0.7	14	77	2	0.07
200326	10:54:03.16	39° 31.17'	111° 59.58'	1.9*	1.3	10	65	22	0.16
200326	11:43:09.86	40° 45.25'	112° 03.20'	9.9	0.9	15	116	2	0.08
200326	11:56:12.92	40° 45.95'	111° 58.55'	4.8	2.3W	39	41	5	0.21
200326	12:13:29.85	38° 29.15'	112° 50.02'	0.1	-0.7	10	241	4	0.11
200326	12:19:17.95	38° 29.23'	112° 50.07'	0.1	-0.3	11	239	3	0.09
200326	12:38:06.41	40° 44.94'	112° 03.14'	10.0	1.0	14	96	2	0.09
200326	14:27:40.72	41° 31.55'	112° 40.21'	0.1*	1.1	17	138	24	0.15
200326	14:34:28.25	40° 46.91'	112° 02.90'	8.6	0.9	11	114	2	0.05
200326	14:56:49.13	40° 46.22'	112° 05.34'	10.5	2.1W	34	57	2	0.13
200326	15:02:05.36	40° 46.14'	111° 58.48'	4.6	2.0W	34	50	5	0.14
200326	15:45:20.51	40° 44.71'	112° 02.70'	9.9	0.5	14	110	3	0.10
200326	16:12:42.89	40° 46.12'	111° 58.36'	5.6	3.2W	51	24	5	0.18
200326	16:16:39.39	40° 45.94'	111° 58.39'	5.2	2.0W	31	49	4	0.15
200326	16:21:56.75	40° 45.84'	111° 58.40'	5.6	3.0W	43	39	5	0.17
200326	16:27:39.52	40° 45.60'	111° 58.87'	1.4	1.4	20	60	8	0.23
200326	16:28:41.41	40° 46.11'	111° 57.60'	8.3	0.9	11	127	3	0.11
200326	17:16:13.80	40° 45.56'	111° 58.35'	5.3	1.4	19	58	4	0.19
200326	17:19:54.01	40° 45.42'	111° 58.06'	5.4	1.1	15	116	7	0.14
200326	17:32:30.24	39° 24.67'	110° 19.02'	-0.9	1.5	6	195	2	0.01
200326	17:53:57.36	40° 44.83'	112° 02.61'	8.4	0.9	10	112	2	0.06
200326	18:07:32.94	40° 44.72'	112° 02.57'	8.6	1.8W	38	41	2	0.15
200326	18:23:33.87	40° 44.47'	112° 02.61'	8.8	0.8	16	107	2	0.10
200326	18:29:52.97	40° 46.03'	111° 58.61'	2.9	1.1	9	118	8	0.08
200326	19:10:02.41	40° 45.53'	111° 58.42'	5.1	2.3W	36	34	4	0.20
200326	19:48:58.38	40° 44.91'	112° 04.42'	5.9	1.1	17	83	1	0.11
200326	20:10:52.24	39° 23.60'	110° 16.95'	-3.4	1.8	7	208	5	0.28
200326	21:40:52.71	38° 35.37'	112° 35.73'	0.9*	1.4	17	138	13	0.11
200326	21:57:31.00	40° 46.92'	111° 56.31'	7.5	0.9	13	108	2	0.18
200326	23:01:25.10	40° 44.73'	112° 04.53'	6.2	1.1	25	61	1	0.08
200326	23:58:33.80	40° 46.13'	112° 04.69'	10.8	0.9	16	89	2	0.09
200327	00:57:45.46	40° 45.66'	111° 57.87'	5.2	1.6W	33	47	4	0.13
200327	01:46:57.36	40° 45.83'	112° 04.27'	9.4	0.8	16	103	1	0.08
200327	05:13:45.83	40° 44.28'	112° 06.25'	9.4	0.7	16	69	3	0.12
200327	05:25:53.45	40° 46.80'	111° 58.29'	7.8	0.5	10	106	4	0.14
200327	05:49:09.92	40° 43.72'	112° 04.11'	9.9	0.7	15	75	3	0.08
200327	06:42:51.70	38° 29.03'	112° 50.14'	-0.3	-0.1	10	238	3	0.32
200327	06:43:08.00	38° 28.92'	112° 50.52'	0.2	-0.6	10	224	3	0.08
200327	06:51:30.89	42° 19.88'	112° 05.91'	10.9*	1.0	11	179	34	0.08

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200327	06:56:17.86	38° 29.01'	112° 50.28'	0.0	0.0	10	232	3	0.19
200327	07:19:15.02	38° 28.90'	112° 50.42'	0.0	0.2	12	228	3	0.18
200327	07:41:29.84	38° 28.92'	112° 51.21'	0.9	0.4	14	127	1	0.11
200327	08:09:37.90	40° 46.67'	111° 59.02'	3.9	1.2	29	47	4	0.16
200327	09:01:29.40	40° 45.80'	111° 58.20'	5.9	0.8	25	100	4	0.18
200327	11:34:10.93	40° 43.20'	112° 05.37'	10.2	0.5	19	64	4	0.11
200327	11:46:16.09	41° 54.83'	112° 25.59'	3.6*	0.4	8	101	27	0.16
200327	12:40:32.37	40° 45.00'	111° 57.73'	4.5	1.2	23	55	3	0.18
200327	12:58:01.17	40° 45.06'	111° 57.66'	5.0	1.4W	27	81	3	0.18
200327	13:17:54.44	40° 44.23'	111° 56.94'	4.7	0.7	14	154	2	0.18
200327	13:21:58.24	40° 44.25'	111° 57.11'	5.8	1.1	15	77	1	0.18
200327	15:16:22.48	40° 44.19'	112° 03.71'	10.2	1.8W	34	56	2	0.10
200327	17:32:59.79	40° 45.16'	112° 04.24'	6.2	1.3	32	41	1	0.15
200327	17:56:01.85	40° 43.49'	112° 04.42'	10.8	2.0W	32	37	3	0.12
200327	17:57:51.49	40° 42.98'	112° 04.57'	11.3	1.6W	28	32	3	0.10
200327	18:41:12.35	40° 45.60'	112° 03.64'	10.0	0.2	10	127	2	0.14
200327	18:45:10.65	40° 45.60'	112° 04.63'	10.2	0.3	11	123	1	0.05
200327	18:46:42.19	40° 45.58'	112° 04.82'	10.7	0.1	10	122	1	0.06
200327	19:01:02.04	38° 29.17'	112° 50.48'	-0.5	0.0	9	222	3	0.10
200327	19:43:37.41	40° 45.94'	111° 58.41'	-1.7	0.9	12	99	5	0.16
200327	20:00:52.94	40° 43.59'	112° 04.56'	9.5	1.0	19	66	3	0.06
200327	20:08:41.91	40° 43.88'	112° 01.75'	5.3	1.9W	39	33	1	0.16
200327	20:40:32.61	40° 44.49'	112° 02.59'	8.9	2.6W	44	32	2	0.20
200327	21:16:59.08	40° 42.41'	112° 06.27'	10.1	1.0	23	51	3	0.14
200327	22:03:15.37	40° 44.09'	112° 00.07'	7.8	0.9	16	97	3	0.11
200327	23:09:55.79	40° 44.00'	112° 04.90'	9.5	0.9	13	115	2	0.05
200328	00:20:07.06	40° 45.38'	112° 05.11'	10.9	1.6W	31	53	1	0.10
200328	00:56:47.81	40° 45.93'	112° 04.97'	10.8	0.5	13	86	1	0.11
200328	03:24:30.97	40° 45.31'	111° 57.41'	6.1	0.7	16	91	7	0.12
200328	03:44:46.42	40° 44.89'	112° 04.88'	10.6	-0.2	18	77	1	0.10
200328	03:45:33.29	40° 45.36'	111° 58.05'	5.9	0.8	23	95	3	0.12
200328	03:47:18.59	40° 45.14'	112° 03.90'	9.4	1.0	16	91	1	0.11
200328	07:09:33.24	41° 52.96'	112° 36.00'	5.4*	1.5W	17	140	19	0.11
200328	08:09:42.48	40° 50.79'	111° 59.33'	6.9	1.0	16	71	4	0.14
200328	08:57:31.44	40° 44.39'	112° 05.10'	9.5	1.0W	36	33	2	0.17
200328	13:19:00.77	40° 45.13'	112° 03.27'	6.4	0.9	31	63	2	0.17
200328	13:19:34.82	40° 44.99'	112° 03.79'	7.5	0.2	15	99	1	0.12
200328	13:36:40.89	40° 46.23'	112° 04.67'	10.6	1.0	27	47	2	0.09
200328	13:41:12.74	40° 45.35'	111° 57.38'	4.2	0.7	19	92	3	0.15
200328	13:53:22.73	40° 45.36'	111° 57.66'	3.9	0.7	12	115	3	0.12
200328	14:17:12.47	40° 44.50'	112° 03.86'	9.6	0.5	11	94	2	0.09
200328	14:44:59.63	40° 45.25'	112° 04.42'	10.2	1.0	18	94	0	0.10
200328	14:44:59.72	40° 45.37'	112° 04.35'	9.4	1.2W	26	88	1	0.10
200328	15:04:15.31	40° 45.81'	112° 04.77'	8.7	0.6	12	95	1	0.12
200328	15:37:15.22	40° 44.75'	112° 02.26'	7.2	1.0W	18	95	2	0.13

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200328	19:52:52.78	40° 43.51'	112° 03.49'	10.0	0.5	12	141	4	0.09
200328	20:56:59.93	40° 45.00'	112° 03.87'	9.4	2.5W	42	42	1	0.14
200328	22:06:31.22	37° 02.38'	112° 54.91'	14.9	1.7W	11	125	9	0.15
200328	22:40:56.00	41° 28.55'	112° 18.33'	0.7*	0.7	9	151	13	0.07
200329	00:28:12.85	40° 45.23'	111° 57.68'	2.9	1.3W	23	46	3	0.12
200329	01:07:16.43	40° 45.23'	111° 57.51'	2.7	0.9	18	64	7	0.13
200329	01:14:09.90	40° 45.81'	111° 57.77'	2.6	1.0	20	57	4	0.15
200329	01:21:23.33	40° 45.81'	111° 57.45'	4.9	0.9	18	121	7	0.18
200329	01:25:44.48	40° 44.12'	112° 03.11'	9.1	0.8	24	45	2	0.09
200329	01:53:58.75	41° 41.81'	109° 52.07'	-3.3	1.5	10	90	5	0.27
200329	02:01:18.90	40° 45.68'	111° 57.91'	5.0	0.4	15	143	7	0.10
200329	03:35:06.42	38° 46.81'	111° 28.78'	13.9	1.2	9	147	5	0.06
200329	03:49:13.25	40° 44.18'	112° 03.83'	9.9	1.7W	38	38	2	0.14
200329	04:03:00.18	40° 44.08'	112° 02.74'	8.5	0.7	18	89	1	0.10
200329	04:14:34.94	40° 44.82'	112° 03.85'	7.2	0.4	12	98	1	0.11
200329	04:26:45.49	40° 44.74'	112° 03.81'	8.2	0.5	14	97	2	0.09
200329	04:36:07.33	40° 44.95'	112° 03.69'	7.9	0.4	15	100	1	0.11
200329	04:56:02.74	40° 44.84'	112° 03.88'	8.8	0.6	18	87	1	0.11
200329	05:18:27.50	40° 45.14'	111° 58.27'	5.5	0.5	14	92	5	0.24
200329	05:27:45.39	40° 44.83'	112° 04.76'	9.7	0.5	19	65	1	0.11
200329	06:14:11.55	40° 43.65'	112° 04.11'	9.6	1.6W	36	41	3	0.18
200329	06:32:35.97	40° 42.64'	112° 04.11'	11.3	1.5W	26	44	3	0.10
200329	07:22:43.89	40° 45.84'	111° 57.94'	5.0	1.9W	43	27	4	0.18
200329	08:28:14.92	40° 43.78'	112° 03.47'	9.1	0.3	14	106	2	0.07
200329	10:06:43.42	38° 29.62'	112° 49.77'	0.2	-0.2	12	251	2	0.15
200329	10:21:14.49	40° 47.03'	112° 05.76'	9.7	1.6W	31	34	3	0.15
200329	12:32:30.28	40° 46.10'	111° 58.39'	4.8	0.4	11	129	7	0.07
200329	12:44:18.02	40° 45.30'	111° 57.82'	2.3	1.0	32	52	3	0.18
200329	13:25:23.22	40° 45.24'	111° 58.02'	5.2	0.6	10	130	7	0.07
200329	15:31:38.46	40° 44.07'	112° 03.59'	8.5	0.8	21	53	2	0.09
200329	17:27:13.27	40° 44.56'	112° 04.77'	9.0	0.4	15	74	1	0.11
200329	19:16:50.30	40° 44.36'	112° 04.27'	8.4	0.8	25	52	2	0.09
200329	20:05:13.62	40° 43.21'	112° 04.09'	9.5	1.5W	35	36	3	0.18
200329	23:37:01.73	40° 44.73'	112° 04.16'	8.5	2.0W	34	37	1	0.16
200330	00:18:42.59	40° 44.76'	112° 03.85'	9.8	0.4	16	96	1	0.09
200330	02:26:55.51	40° 44.33'	112° 03.11'	9.0	0.7	18	88	2	0.10
200330	02:46:37.02	41° 28.64'	112° 18.14'	-0.2*	1.2W	19	86	13	0.13
200330	04:33:11.59	39° 24.23'	110° 17.59'	-2.3	1.6	10	203	4	0.14
200330	04:54:17.01	40° 44.86'	112° 05.67'	10.2	0.8	20	62	2	0.12
200330	06:31:25.84	41° 28.42'	112° 18.64'	2.8*	0.6	15	87	12	0.16
200330	06:34:20.97	40° 44.33'	112° 03.08'	8.6	0.8	34	46	2	0.13
200330	07:23:45.67	40° 44.03'	112° 02.44'	10.1	0.6	17	88	1	0.08
200330	07:48:58.40	40° 45.56'	111° 58.26'	5.1	0.9	23	59	4	0.16
200330	08:41:25.59	40° 45.52'	111° 57.86'	3.3	0.9	16	118	4	0.19
200330	08:56:15.48	40° 45.46'	111° 57.89'	4.8	0.6	15	117	3	0.14

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DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200330	09:22:29.43	42° 26.09'	111° 30.82'	5.1*	2.2W	18	129	42	0.19
200330	09:39:44.74	40° 45.68'	111° 58.49'	4.1	1.8W	34	46	4	0.19
200330	10:02:53.16	40° 43.72'	112° 03.48'	4.1	1.1	27	41	2	0.14
200330	12:29:51.55	40° 43.84'	112° 03.49'	5.6	2.1W	44	28	2	0.18
200330	13:33:20.20	40° 45.50'	111° 56.91'	8.4	1.0	14	112	3	0.14
200330	13:35:57.47	40° 44.82'	111° 56.45'	4.9	0.7	17	100	3	0.17
200330	13:59:39.79	40° 43.63'	112° 03.94'	8.6	0.7	16	87	3	0.13
200330	14:12:29.39	40° 44.18'	112° 04.94'	8.7	0.6	12	80	2	0.09
200330	15:00:42.88	40° 44.02'	112° 02.69'	8.1	0.6	20	62	1	0.10
200330	16:35:15.72	41° 28.66'	112° 17.91'	1.8*	0.2	5	196	13	0.15
200330	17:15:21.05	40° 43.87'	112° 03.91'	10.1	1.3W	22	79	3	0.10
200330	17:18:21.94	40° 43.72'	112° 04.19'	10.6	0.6	14	75	3	0.07
200330	18:36:24.13	40° 45.38'	112° 04.67'	9.6	0.6	17	102	0	0.12
200330	18:36:36.93	40° 45.52'	112° 04.92'	10.0	0.5	14	83	1	0.09
200330	19:47:52.16	39° 24.20'	110° 17.85'	-2.3	1.6	8	202	3	0.02
200330	21:05:30.34	40° 44.04'	112° 02.74'	9.9	0.6	10	103	1	0.10
200330	22:40:06.68	41° 28.13'	112° 18.47'	-0.3*	1.7W	23	86	12	0.19
200330	23:50:32.03	40° 45.59'	112° 04.48'	9.4	1.5W	36	48	1	0.12
200330	23:50:43.31	40° 45.74'	112° 04.73'	9.2	1.5W	22	90	1	0.10
200331	00:06:16.36	40° 45.01'	112° 02.63'	9.0	1.6W	45	40	3	0.15
200331	00:53:24.22	40° 45.42'	112° 04.64'	9.5	0.3	17	86	0	0.10
200331	00:53:37.60	40° 43.29'	112° 03.89'	10.1	0.9	23	42	3	0.09
200331	01:10:30.88	40° 44.08'	112° 04.37'	8.7	1.0	30	48	2	0.18
200331	03:31:44.53	40° 45.04'	112° 04.60'	10.3	0.5	19	83	0	0.10
200331	06:13:42.72	40° 44.40'	112° 03.09'	5.3	0.4	19	60	2	0.12
200331	07:51:32.07	38° 44.57'	111° 19.15'	8.7	1.6	6	232	10	0.01
200331	08:05:07.96	40° 44.24'	112° 03.46'	8.8	0.3	11	96	2	0.09
200331	08:29:48.56	40° 43.87'	112° 03.84'	9.2	0.1	6	134	7	0.05
200331	08:37:17.92	40° 44.60'	111° 58.66'	4.1	0.0	9	127	2	0.14
200331	08:54:19.84	40° 44.54'	111° 57.17'	5.9	0.7	10	132	2	0.12
200331	09:06:57.16	40° 44.64'	112° 02.26'	9.0	0.1	6	219	2	0.02
200331	10:10:22.67	40° 45.81'	111° 57.49'	8.9	0.9	14	121	3	0.15
200331	10:26:48.17	40° 45.06'	111° 57.08'	4.8	0.2	10	123	3	0.13
200331	10:46:57.11	40° 44.65'	112° 04.28'	8.2	0.2	9	107	1	0.03
200331	11:05:07.24	38° 44.68'	111° 20.17'	13.5	1.6W	17	90	9	0.27
200331	11:11:46.22	38° 44.75'	111° 20.26'	8.7	1.5W	16	75	8	0.23
200331	11:13:44.00	38° 44.62'	111° 19.63'	9.9	1.2W	10	112	9	0.15
200331	11:29:35.11	40° 45.18'	111° 57.60'	4.9	1.8W	39	40	3	0.18
200331	11:32:15.76	40° 45.36'	111° 57.57'	3.8	1.3W	27	46	3	0.17
200331	12:06:37.49	40° 45.19'	112° 02.03'	8.1	1.3	29	60	3	0.16
200331	12:45:14.32	40° 44.33'	112° 02.66'	8.9	0.1	5	255	3	0.05
200331	13:15:04.61	40° 45.61'	111° 57.08'	8.0	0.3	12	122	3	0.13
200331	14:32:34.03	40° 44.94'	112° 04.81'	5.5	1.1	20	36	1	0.12
200331	14:49:27.70	40° 43.77'	112° 03.14'	5.3	1.1	17	58	1	0.13
200331	14:56:12.71	40° 44.65'	111° 56.91'	3.9	0.6	19	80	2	0.25

Table 2. Earthquakes in the Utah Region: January 1–March 31, 2020

DATE	ORIGIN TIME	LATITUDE	LONGITUDE	DEPTH	MAG	NO	GAP	DMN	RMS
200331	15:23:08.52	40° 45.10'	112° 04.40'	9.2	0.5	16	96	0	0.10
200331	16:07:26.79	40° 43.43'	112° 02.84'	5.8	0.3	15	144	1	0.10
200331	16:43:22.46	39° 01.04'	111° 25.22'	-1.7	1.9	6	261	6	0.10
200331	22:13:48.26	41° 28.68'	112° 18.61'	0.8*	0.8	9	136	13	0.14
200331	23:49:44.85	40° 56.57'	112° 25.54'	1.7	0.6	8	130	9	0.03

number of earthquakes = 2075

* 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
March 31, 2020

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
2272	Eastwood Elementary School Salt Lake City, UT	HN[ZEN]	3	NP	40° 41.98'	111° 47.62'	1515	EpiSensor	Basalt	Digital	NSMP, ANSS
2285	Liberty Park Salt Lake City, UT	HN[ZEN]	3	NP	40° 44.70'	111° 52.49'	1298	EpiSensor	Basalt	Digital	NSMP, ANSS
2286	Roosevelt Elementary School Salt Lake City, UT	HN[ZEN]	3	NP	40° 42.08'	111° 52.01'	1314	EpiSensor	Basalt	Digital	NSMP, ANSS
7202	Meadowbrook Golf Course Murray, UT	HN[ZEN]	3	NP	40° 40.93'	111° 55.36'	1293	EpiSensor	Basalt	Digital	NSMP, ANSS
7203	Bonneville Golf Course Salt Lake City, UT	HN[ZEN]	3	NP	40° 44.81'	111° 49.63'	1457	EpiSensor	Basalt	Digital	NSMP, ANSS
7208	SR 201/I-80 Bridge Array, Salt Lake City, UT	EN[ZEN]	3	NP	40° 43.38'	111° 54.43'	1291	EpiSensor	K2	Digital	NSMP, ANSS
7212	Annex Bldg., Weber State University, Ogden, UT	HN[ZEN]	3	NP	41° 11.75'	111° 56.50'	1422	EpiSensor	Basalt	Digital	NSMP, ANSS
7223	Dixie State College St. George, UT	HN[ZEN]	3	NP	37° 06.02'	113° 33.94'	815	EpiSensor	Etna	Digital	NSMP, ANSS
7224	Southern Utah University Cedar City, UT	HN[ZEN]	3	NP	37° 40.35'	113° 04.29'	1782	EpiSensor	Basalt	Digital	NSMP, ANSS
7225	City Maintenance Yard Beaver, UT	HN[ZEN]	3	NP	38° 17.01'	112° 38.32'	1808	EpiSensor	Etna	Digital	NSMP, ANSS
7226	UDOT IT Radio Shop Richfield, UT	HN[ZEN]	3	NP	38° 45.43'	112° 05.26'	1616	FBA23	Basalt	Digital	NSMP, ANSS
7227	City Maintenance Yard Gunnison, UT	HN[ZEN]	3	NP	39° 09.35'	111° 49.17'	1568	EpiSensor	Basalt	Digital	NSMP, ANSS
7228	Juab School District Nephi, UT	HN[ZEN]	3	NP	39° 43.27'	111° 49.49'	1576	EpiSensor	Basalt	Digital	NSMP, ANSS
7229	City Maintenance Shop Santaquin, UT	HN[ZEN]	3	NP	39° 58.35'	111° 47.58'	1520	EpiSensor	Etna	Digital	NSMP, ANSS

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
7232	City Parks & Recreation Office Tremonton, UT	HN[ZEN]	3	NP	41° 43.13'	112° 10.91'	1320	EpiSensor	Etna2	Digital	NSMP, ANSS
AHID	Auburn, ID	BH[ZEN]	3	US	42° 45.92'	111° 06.02'	1960	*	*	Digital	USGS
ALP	Alpine Fire Station, Alpine, UT	EN[ZEN]	3	UU	40° 27.26'	111° 46.61'	1510	EpiSensor	Etna2	Digital	ANSS
ALT	Alta City Offices, Alta, UT	EN[ZEN]	3	UU	40° 35.42'	111° 38.25'	2635	Applied Mems	ANSS-130	Digital	ANSS
AMF	Tri-Cities Golf Course American Fork, UT	EN[ZEN]	3	UU	40° 24.11'	111° 47.27'	1445	EpiSensor	Basalt	Digital	ANSS
ANMO	Albuquerque, NM	BH[ZEN]	3	IU	34° 57.01'	106° 27.61'	1743	*	*	Digital	USGS
ARGU	Argyle Ridge, UT	EHZ	1	UU	39° 49.37'	110° 32.62'	2828	S13	PSN	Analog	Utah
ARUT	Antelope Range, UT	EHZ	1	UU	37° 47.28'	113° 26.42'	1646	L4C	PSN	Analog	Utah
AVE	Avenues, Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.47'	111° 51.83'	1387	EpiSensor	Etna2	Digital	ANSS
B206	Canyon206bwy2008, Yellowstone, WY	EH[ZEN]	3	PB	44° 46.66'	110° 30.70'	2400	IESE-S2	Q330	Digital	PBO
B207	Madisn207bwy2007, Yellowstone, WY	EH[ZEN]	3	PB	44° 37.14'	110° 50.91'	2182	IESE-S2	Q330	Digital	PBO
B208	Lakejn208bwy2008, Yellowstone, WY	EH[ZEN]	3	PB	44° 33.61'	110° 24.09'	2406	IESE-S2	Q330	Digital	PBO
B944	Grant944bwy2008, Yellowstone, WY	EH[ZEN]	3	PB	44° 23.38'	110° 32.63'	2365	IESE-S2	Q330	Digital	PBO
B945	Pantr944swy2008, Yellowstone, WY	EH[ZEN]	3	PB	44° 53.64'	110° 44.65'	2249	IESE-S2	Q330	Digital	PBO
B950	Norris950bwy2013, Yellowstone, WY	EH[ZEN]	3	PB	44° 42.77'	110° 40.71'	2328	IESE-S2	Q330	Digital	PBO
BCE	Book Cliffs East, UT	EHZ	1	UU	39° 36.79'	110° 24.51'	2666	L4C	Basalt	Digital	Utah
		EN[ZEN]	3					EpiSensor			
BCS	Brigham City Maintenance Shop Brigham City, UT	EN[ZEN]	3	UU	41° 30.71'	112° 01.98'	1303	EpiSensor	Etna2	Digital	ANSS
BCU	Brigham City, UT	EN[ZEN]	3	UU	41° 30.74'	111° 58.93'	1676	EpiSensor	Etna2	Digital	ANSS
BCW	Book Cliffs West, UT	EHZ	1	UU	39° 43.82'	110° 44.55'	2614	L4C	Basalt	Digital	Utah
		EN[ZEN]	3					EpiSensor			
BEI	Bear River Range, ID	EHZ	1	UU	42° 07.00'	111° 46.94'	1859	L4C	PSN	Analog	USGS
BES	Bates Elementary School Ogden, UT	EN[ZEN]	3	UU	41° 19.10'	111° 57.26'	1455	EpiSensor	K2	Digital	ANSS
BGMT	Barton Gulch, MT	EHZ	1	MB	45° 14.00'	112° 02.43'	2172	*	*	Analog	MBMT
BGU	Big Grassy Mountain, UT	EN[ZEN]	3	UU	40° 55.53'	113° 01.79'	1640	EpiSensor	Q330	Digital	ANSS
		HH[ZEN]	3					Trillium 120			
BHU	Blowhard Mountain, UT	EH[ZEN]	3	UU	37° 35.63'	112° 51.72'	3250	S13	PSN	Analog	Utah

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
BHUT	Beaver High School, UT	EN[ZEN]	3	UU	38° 16.61'	112° 38.42'	1799	PA-23	SMART-24	Digital	Utah
BMUT	Black Mountain, UT	EHZ	1	UU	41° 57.49'	111° 14.05'	2243	S13	PSN	Analog	USGS
BOZ	Bozeman, MT	BH[ZEN]	3	US	45° 38.82'	111° 37.78'	1589	*	*	Digital	USGS
BRPU	Butcher Ranch, Price, UT	HH[ZEN]	3	UU	39° 28.38'	110° 44.40'	1687	Trillium 240	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			
BRWY	Blue Rim, WY	HH[ZEN]	3	UU	41° 37.32'	109° 30.19'	2098	Trillium 120	Centaur	Digital	Utah
BSS	Butlerville Substation Salt Lake City, UT	EN[ZEN]	3	UU	40° 37.45'	111° 49.37'	1411	EpiSensor	Etna2	Digital	ANSS
BSUT	Blindstream Canyon, Hanna, UT	HH[ZEN]	3	UU	40° 32.19'	110° 45.67'	3211	Trillium 120	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			
BTU	Barney Top, UT	EHZ	1	UU	37° 45.34'	111° 52.46'	3235	S13	PSN	Analog	Utah
BW06	Boulder, WY	BH[ZEN]	3	US	42° 46.00'	109° 33.50'	2224	*	*	Digital	USGS
BYP	Brigham Young Park Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.26'	111° 53.23'	1323	EpiSensor	Etna2	Digital	ANSS
BZMT	Bozeman Pass, MT	EHZ	1	MB	45° 38.89'	110° 47.80'	1905	*	*	Analog	MBMT
CAPU	Capitol, Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.71'	111° 53.40'	1384	Applied Mems	ANSS-130	Digital	ANSS
CCPU	Cedar City Park, UT	EN[ZEN]	3	UU	38° 16.61'	112° 38.42'	1799	PA-23	SMART-24	Digital	Utah
CCUT	Cedar City, UT	HH[ZEN]	3	UU	37° 33.04'	113° 21.77'	2124	STS-2	ANSS-130	Digital	USGS
		EN[ZEN]	3					Applied Mems			
CFS	Copperton Fire Station, Copperton, UT	EN[ZEN]	3	UU	40° 33.96'	112° 05.61'	1654	EpiSensor	Etna2	Digital	ANSS
CHS	Copper Hills High School, West Jordan, UT	EN[ZEN]	3	UU	40° 35.68'	112° 01.03'	1460	EpiSensor	Etna2	Digital	ANSS
CMI	Centennial Mountains, ID	EHZ	1	RC	44° 30.99'	111° 37.05'	2267	L4C	*	Analog	BYU-I
COMI	Craters of the Moon, ID	EHZ	1	IE	43° 27.72'	113° 35.64'	1890	*	*	Digital	INL
COY	Coyote Canyon, Tooele Valley, UT	EN[ZEN]	3	UU	40° 39.56'	112° 14.34'	1572	EpiSensor	Etna2	Digital	ANSS
CRLU	Curley Ranch, La Sal, UT	EHZ	1	UU	38° 17.50'	109° 15.64'	2035	L4C	Basalt	Digital	Utah, USGS
		EN[ZEN]	3					EpiSensor			
CRMT	Chrome Mountain, MT	EHZ	1	MGB	45° 27.35'	110° 08.41'	2941	*	*	Analog	MBMT
CTU	Camp Tracy, UT	HH[ZEN]	3	UU	40° 41.55'	111° 45.02'	1731	Observer	ANSS-130	Digital	USGS
		EN[ZEN]	3					R147			
CVH	Cedar City, Canyon View High School, UT	EN[ZEN]	3	UU	37° 42.91'	113° 03.85'	1724	PA-23	SMART-24	Digital	Utah
CVRU	Castle Valley Ranch, Emery, UT	HH[ZEN]	3	UU	38° 55.06'	111° 10.30'	1912	STS-2	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
CWR	Coldwater Ranch, Paradise, UT	EN[ZEN]	3	UU	41° 34.90'	111° 46.89'	1837	EpiSensor	Etna2	Digital	ANSS
CWU	Camp Williams, UT	EHZ	1	UU	40° 26.75'	112° 06.13'	1945	L4C	PSN	Analog	USGS
DAU	Daniels Canyon, UT	EHZ	1	UU	40° 24.75'	111° 15.35'	2771	S13	PSN	Analog	USGS
DBD	Des Bee Dove, UT	EHZ	1	UU	39° 18.82'	111° 05.55'	2265	L4C	PSN	Analog	Utah
DCM	Dugout Coal Mine, UT	EHZ	1	UU	39° 41.70'	110° 35.00'	2537	L4C	Basalt	Digital	Utah
		EN[ZEN]	3					EpiSensor			
DCU	Deer Creek Reservoir, UT	EHZ	1	UU	40° 24.82'	111° 31.61'	1829	L4C	PSN	Analog	USGS
DOT	Utah Dept. of Transportation Region II Offices, Salt Lake City, UT	EN[ZEN]	3	UU	40° 43.61'	111° 57.65'	1282	Applied Mems	ANSS-130	Digital	ANSS
DUG	Dugway, UT	BH[ZEN]	3	US	40° 11.70'	112° 48.80'	1477	STS-2	Q330	Digital	USGS
DVCI	Devils Canyon, ID	HH[ZEN]	3	IE	44° 22.99'	114° 02.31'	1997	Trillium 120	Q330	Digital	INL
DWU	Dry Willow, UT	EHZ	1	UU	38° 06.32'	112° 59.85'	2270	S13	PSN	Analog	Utah
ECRI	Eagle Creek, ID	EHZ	1	IE	43° 03.24'	111° 22.26'	2086	*	*	Digital	INL
ECUT	Ebbs Canyon, Scipio, UT	HH[ZEN]	3	UU	39° 10.30'	112° 07.99'	2136	Trillium 120	Centaur	Digital	Utah
EKU	East Kanab, UT	EHZ	1	UU	37° 04.48'	112° 29.81'	1829	S13	PSN	Analog	Utah
ELE	East Layton Elementary School, East Layton, UT	EN[ZEN]	3	UU	41° 04.84'	111° 55.09'	1444	EpiSensor	Etna2	Digital	ANSS
ELK	Elko, NV	BH[ZEN]	3	US	40° 44.69'	115° 14.33'	2210	*	*	Digital	USGS
ELU	Electric Lake, UT	EHZ	1	UU	39° 38.41'	111° 12.23'	2970	L4C	PSN	Analog	Utah
EMF	Eagle Mountain Gas Tap, UT	EN[ZEN]	3	UU	40° 16.89'	111° 59.92'	1487	EpiSensor	Etna2	Digital	ANSS
EMU	Emma Park, UT	EH[ZEN]	3	UU	39° 48.84'	110° 48.92'	2268	S13	PSN	Analog	USGS
		EN[ZEN]	3					FBA23	K2	Digital	Utah
EOCU	EOC, State Capitol Campus, Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.62'	111° 53.95'	1356	EpiSensor	Basalt	Digital	Utah
EPU	East Promontory, UT	EHZ	1	UU	41° 23.49'	112° 24.53'	1436	L4C	PSN	Analog	USGS
ETW	Elwood Town Hall, Elwood, UT	EN[ZEN]	3	UU	41° 40.15'	112° 08.53'	1305	EpiSensor	Etna2	Digital	ANSS
FLU	Fool's Peak, UT	EHZ	1	UU	39° 22.69'	112° 10.29'	1951	18300	Basalt	Digital	USGS
		EN[ZEN]	3								
FLWY	Flagg Ranch, WY	BH[ZEN]	3	IW	44° 04.96'	110° 41.96'	2078	3ESP	RT-130	Digital	ANSS
FMC	FMC Mine, Green River, WY	HH[ZEN]	3	UU	41° 24.49'	109° 46.67'	1903	40T	RT-130	Digital	Utah
FOR1	Milford Southwest, UT	HH[ZEN]	3	UU	38° 22.13'	113° 05.63'	1642	Trillium 120	Centaur	Digital	Utah
FOR2	Blundell East, UT	HH[ZEN]	3	UU	38° 29.70'	112° 52.34'	1760	Trillium 120	Centaur	Digital	Utah
FOR3	Blundell North, UT	HH[ZEN]	3	UU	38° 30.80'	112° 52.85'	1699	Trillium 120	ANSS-130	Digital	Utah
		EN[ZEN]	3								
FOR4	Blundell West, UT	HH[ZEN]	3	UU	38° 29.92'	112° 53.79'	1657	Trillium 120	Centaur	Digital	Utah
FORB	Blundell, Power Plant, UT	EN[ZEN]	3	UU	38° 29.41'	112° 51.30'	1845	EpiSensor	Basalt	Digital	Utah

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
FORK	Blundell, UT	EH[Z12]	3	UU	38° 30.07'	112° 53.19'	1408	Omni-2400	Obsidian	Digital	Utah
		EN[Z12]	3					Silicon-ULN			
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
FPU	Francis Peak, UT	EHZ	1	UU	41° 01.58'	111° 50.21'	2816	L4C	PSN	Analog	USGS
FSU	Fish Springs, UT	EHZ	1	UU	39° 43.35'	113° 23.48'	1487	18300	PSN	Analog	Utah
FTT	Fire Training Tower, Magna, UT	EN[ZEN]	3	UU	40° 41.16'	112° 04.99'	1381	EpiSensor	Etna2	Digital	ANSS
GAWY	Genesis Alkali Granger, WY	HH[ZEN]	3	UU	41° 44.43'	109° 51.13'	2011	Trillium 120	Centaur	Digital	Utah
GBI	Big Grassy Butte, ID	HH[ZEN]	3	IE	43° 59.22'	112° 03.78'	1541	*	*	Digital	INL
GCAZ	Grand Canyon, AZ	EHZ	1	AR	36° 03.51'	112° 11.02'	2072	*	*	Analog	NAU
GMO	Grantsville Maintenance Office, Grantsville, UT	EN[ZEN]	3	UU	40° 36.04'	112° 28.48'	1320	EpiSensor	Etna2	Digital	ANSS
GMU	Granite Mountain, UT	EH[ZEN]	3	UU	40° 34.53'	111° 45.79'	1829	S13	PSN	Analog	USGS
GRII	Grays Lake, ID	EHZ	1	IE	42° 56.28'	111° 25.32'	2207	*	*	Digital	INL
GZU	Grizzly Peak, UT	EH[ZEN]	3	UU	41° 25.53'	111° 58.50'	2646	S13	PSN	Analog	USGS
HAFB	Hill Air Force Base, Hill AFB, UT	EN[ZEN]	3	UU	41° 07.07'	111° 58.55'	1471	EpiSensor	Etna2	Digital	Utah
HCSU	Hobble Creek, Springville, UT	EHZ	1	UU	40° 12.40'	111° 30.14'	1789	L4C	Basalt	Digital	Utah, USGS
		EN[ZEN]	3					EpiSensor			
HDU	Hyde Park, UT	EHZ	1	UU	41° 48.18'	111° 45.99'	1807	L4C	PSN	Analog	USGS
HEB	Heber, UT	EHZ	1	UU	40° 30.09'	111° 20.15'	1925	S13	PSN	Analog	Utah
HER	Herriman Fire Station Herriman, UT	EN[ZEN]	3	UU	40° 30.94'	112° 01.85'	1502	EpiSensor	Etna2	Digital	ANSS
HES	Hooper Elementary School Hooper, UT	EN[ZEN]	3	UU	41° 09.89'	112° 07.30'	1292	EpiSensor	K2	Digital	ANSS
HHAI	Hell's Half Acre, ID	HH[Z12]	3	IE	43° 17.70'	112° 22.74'	1371	*	*	Digital	INL
HHS	Hurricane High School, UT	EN[ZEN]	3	UU	37° 10.43'	113° 17.74'	987	EpiSensor	Etna	Digital	Utah
HLID	Hailey, ID	BH[ZEN]	3	US	43° 33.75'	114° 24.83'	1772	*	*	Digital	USGS
HLJ	Hailstone, UT	EHZ	1	UU	40° 36.64'	111° 24.05'	1931	S13	PSN	Analog	Utah
		EN[ZEN]	3					FBA23	K2	Digital	
HMU	Henry Mountain, UT	HH[ZEN]	3	UU	37° 56.28'	110° 44.51'	2430	Trillium 120	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			
HON	Honeyville, UT	EN[ZEN]	3	UU	41° 36.96'	112° 03.05'	1546	Applied Mems	ANSS-130	Digital	ANSS
HONU	Honeyville, UT	EHZ	1	UU	41° 36.90'	112° 03.00'	1515	L4C	PSN	Analog	USGS
HRU	Hogsback Ridge, UT	EHZ	1	UU	40° 47.67'	111° 53.14'	1620	Ranger	PSN	Analog	USGS
		EN[ZEN]	3					EpiSensor	Etna2	Digital	ANSS

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
HTU	Hoyt, UT	EHZ	1	UU	40° 40.52'	111° 13.21'	2576	L4C	PSN	Analog	USGS
		EHZ	1					Basalt	Digital		
		EN[ZEN]	3					EpiSensor			
HVU	Hansel Valley, UT	HH[ZEN]	3	UU	41° 46.78'	112° 46.50'	1609	Trillium 120	Q330	Digital	USGS
		EN[ZEN]	3					EpiSensor			
HWUT	Hardware Ranch, UT	BH[ZEN]	3	US	41° 36.41'	111° 33.91'	1830	*	*	Digital	USGS
IAE	Cedar City, Iron County Adult Education, UT	EN[ZEN]	3	UU	37° 39.91'	113° 40.02'	1807	EpiSensor	Etna	Digital	Utah
ICF	International Center Fire Station, Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.69'	112° 01.72'	1281	EpiSensor	Etna2	Digital	ANSS
ICU	Indian Springs Canyon, UT	EHZ	1	UU	37° 08.98'	113° 55.41'	1451	S13	PSN	Analog	Utah
IMU	Iron Mountain, UT	EHZ	1	UU	38° 37.99'	113° 09.50'	1833	L4C	PSN	Analog	Utah
IMW	Indian Meadows, WY	BH[ZEN]	3	IW	43° 53.58'	110° 56.58'	2670	3ESP	RT-130	Digital	ANSS
ISCO	Idaho Springs, CO	BH[ZEN]	3	US	39° 47.98'	105° 36.80'	2743	STS-2	Q330	Digital	ANSS
JLU	Jordanelle, UT	EN[ZEN]	3	UU	40° 36.12'	111° 27.00'	2285	EpiSensor	ANSS-130	Digital	ANSS
		HH[ZEN]	3					3ESP			
JRP	Jordan River State Park Salt Lake City, UT	EN[ZEN]	3	UU	40° 49.54'	111° 56.66'	1284	EpiSensor	Etna2	Digital	ANSS
KEUT	Kanab Elementary School, UT	EN[ZEN]	3	UU	37° 03.02'	112° 31.76'	1514	PA-23	SMART-24	Digital	Utah
KLJ	Keetley, UT	EHZ	1	UU	40° 37.85'	111° 24.30'	1992	S13	PSN	Analog	Utah
KNB	Kanab, UT	HH[ZEN]	3	UU	37° 01.00'	112° 49.34'	1715	3T	ANSS-130	Digital	Utah, ANSS, LLNL
		EN[ZEN]	3					EpiSensor			
LCMT	Little Creek Mountain, UT	HH[ZEN]	3	UU	37° 00.71'	113° 14.63'	1411	3T	SMART-24	Digital	Utah
		EN[ZEN]	3					PA-23			
LCU	Little Cottonwood, UT	EN[ZEN]	3	UU	40° 34.41'	111° 47.91'	1571	EpiSensor	Etna2	Digital	ANSS
LDJ	Lady, UT	EHZ	1	UU	40° 34.89'	111° 24.52'	2217	S13	PSN	Analog	Utah
LEVU	Levan, UT	EHZ	1	UU	39° 30.39'	111° 48.88'	1996	L4C	Basalt	Digital	USGS
		EN[ZEN]	3					EpiSensor			
LGC	Lakeside Golf Course Bountiful, UT	EN[ZEN]	3	UU	40° 54.04'	111° 54.51'	1292	EpiSensor	Etna2	Digital	ANSS
LHUT	Little Humpy Peak, UT	EHZ	1	UU	40° 53.49'	110° 59.78'	3084	S13	PSN	Analog	Utah
LIUT	Lila Canyon, UT	HH[ZEN]	3	UU	39° 25.45'	110° 19.51'	2178	Trillium 120	Centaur	Digital	Utah
LKC	Lee Kay Hunter Education Center Magna, UT	EN[ZEN]	3	UU	40° 43.62'	112° 02.14'	1289	EpiSensor	Etna2	Digital	ANSS
LKWY	Lake, WY	BH[ZEN]	3	US	44° 33.91'	110° 24.00'	2424	*	*	Digital	USGS
LMUT	Lake Mountain, UT	EN[ZEN]	3	UU	40° 15.69'	111° 55.69'	2330	EpiSensor	K2	Digital	ANSS
LOHW	National Elk Refuge, WY	BH[ZEN]	3	IW	43° 36.76'	110° 36.30'	2245	3ESP	RT-130	Digital	ANSS
LRG	Logan River Golf Course Logan, UT	EN[ZEN]	3	UU	41° 42.82'	111° 51.08'	1362	EpiSensor	Etna2	Digital	ANSS

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
LSU	Lake Shores, UT	EN[ZEN]	3	UU	40° 07.94'	111° 43.80'	1375	EpiSensor	Etna2	Digital	ANSS
LTU	Little Mountain, UT	EHZ	1	UU	41° 35.51'	112° 14.83'	1585	L4C	PSN	Analog	USGS
		EHZ	1					EpiSensor	Basalt	Digital	
		EN[ZEN]	3								
MAB	Mapleton Ambulance Building Mapleton, UT	EN[ZEN]	3	UU	40° 07.85'	111° 34.67'	1440	EpiSensor	Etna2	Digital	ANSS
MCID	Moose Creek, ID	EHZ	1	WY	44° 11.45'	111° 11.03'	2137	L4C	PSN	Analog	USGS
MCU	Monte Cristo Peak, UT	EHZ	1	UU	41° 27.70'	111° 30.45'	2664	18300	PSN	Analog	USGS
MGCU	Grand County Courthouse, Moab, UT	EN[ZEN]	3	UU	38° 34.46'	109° 32.89'	1241	EpiSensor	K2	Digital	Utah
MHD	Mile High Drive, UT	EHZ	1	UU	40° 39.64'	111° 48.05'	1597	Ranger	Basalt	Digital	USGS
		EN[ZEN]	3					EpiSensor			
MID	Middle Canyon, UT	EN[ZEN]	3	UU	40° 31.04'	112° 15.28'	1722	EpiSensor	Etna2	Digital	ANSS
MLI	Malad Range, ID	EHZ	1	UU	42° 01.61'	112° 07.53'	1896	L4C	Basalt	Digital	USGS
		EN[ZEN]	3					EpiSensor			
MMU	Miners Mountain, UT	EHZ	1	UU	38° 11.57'	111° 17.66'	2387	S13	PSN	Analog	Utah
MOMT	Monida, MT	EHZ	1	MB	44° 35.60'	112° 23.66'	2220	*	*	Analog	MBMT
MOOW	Moose Ponds, WY	BH[ZEN]	3	IW	43° 44.92'	110° 44.69'	2128	3ESP	RT-130	Digital	ANSS
MOR	Morgan, UT	EN[ZEN]	3	UU	41° 02.77'	111° 39.94'	1633	Applied Mems	ANSS-130	Digital	ANSS
MOUT	Mount Ogden, UT	EHZ	1	UU	41° 11.94'	111° 52.73'	2743	S13	PSN	Analog	USGS
MPU	Maple Canyon, UT	EN[ZEN]	3	UU	40° 00.93'	111° 38.00'	1909	EpiSensor	ANSS-130	Digital	ANSS USGS
		HH[ZEN]	3					3ESP			
MSU	Marysvale, UT	EHZ	1	UU	38° 30.74'	112° 10.63'	2105	18300	PSN	Analog	Utah
MTPU	Mt. Pierson, UT	EN[ZEN]	3	UU	38° 02.49'	112° 11.06'	3112	EpiSensor	Q330	Digital	Utah
		HH[ZEN]	3					Trillium 120			
MTUT	Morton Thiokol, UT	EHZ	1	UU	41° 42.55'	112° 27.28'	1373	L4C	PSN	Analog	USGS
MVCO	Mesa Verde, CO	BH[ZEN]	3	US	37° 12.62'	108° 29.92'	2170	STS-2	Q330	Digital	ANSS
MVU	Marysvale, UT	BH[ZEN]	3	LB	38° 30.22'	112° 12.74'	2240	*	*	Digital	Sandia
NAI	North Antelope Island, UT	EN[ZEN]	3	UU	41° 00.97'	112° 13.68'	1472	EpiSensor	Etna2	Digital	ANSS
NAIU	North Antelope Island, UT	EHZ	1	UU	41° 00.97'	112° 13.68'	1472	L4C	PSN	Analog	USGS
NLU	North Lily Mine, UT	EN[ZEN]	3	UU	39° 57.29'	112° 04.50'	2036	Episensor	ANSS-130	Digital	ANSS
		HH[ZEN]	3					Trillium 120			
NMU	North Mineral Mountain, UT	EH[ZEN]	3	UU	38° 30.99'	112° 51.00'	1853	S13	PSN	Analog	Utah
NOQ	North Oquirrh Mountains, UT	EN[ZEN]	3	UU	40° 39.16'	112° 07.26'	1628	EpiSensor	K2	Digital	ANSS
		HH[ZEN]	3					Trillium 120			
NPI	North Pocatello, ID	EHZ	1	UU	42° 08.84'	112° 31.10'	1640	L4C	Basalt	Digital	ANSS
		EN[ZEN]	3					EpiSensor			
O20A	White River City, CO	BH[ZEN]	3	N4	40° 08.09'	108° 14.50'	1915	STS-2	Q330	Digital	NCF
OCP	Orem City Park, Orem, UT	EN[ZEN]	3	UU	40° 17.87'	111° 41.44'	1464	EpiSensor	Etna2	Digital	ANSS

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
OF2	Ogden Fire Station ° 2 Ogden, UT	EN[ZEN]	3	UU	41° 13.70'	111° 56.92'	1358	EpiSensor	Etna2	Digital	ANSS
OPS	Ogden Public Safety Building, Ogden, UT	EN[ZEN]	3	UU	41° 13.72'	111° 58.54'	1317	EpiSensor	Etna2	Digital	ANSS
OSS	Oquirrh Sub Station, UT	EN[ZEN]	3	UU	40° 33.77'	112° 01.61'	1503	EpiSensor	Etna2	Digital	ANSS
OWUT	Old Woman Plateau, UT	EHZ	1	UU	38° 46.80'	111° 25.42'	2568	L4C	PSN	Analog	Utah
PCCW	Pine Creek, Cokeville, WY	EHZ	1	UU	42° 05.97'	110° 52.36'	1996	L4C	Basalt	Digital	Utah, USGS
		EN[ZEN]	3					EpiSensor			
PCL	Plain City Landfill Plain City, UT	EN[ZEN]	3	UU	41° 18.60'	112° 06.00'	1290	Applied Mems	ANSS-130	Digital	ANSS
PCR	Park City Recreation Center, Park City, UT	EN[ZEN]	3	UU	40° 39.25'	111° 30.19'	2100	EpiSensor	Etna2	Digital	ANSS
PEUT	Pahvant Elementary School, Richfield, UT	EN[ZEN]	3	UU	38° 46.55'	112° 05.32'	1644	PA-23	SMART-24	Digital	Utah
PGA	Page, AZ	EHZ	1	AR	36° 54.34'	111° 16.86'	1272	*	*	Analog	NAU
PGC	Pleasant Grove Creek, UT	EN[ZEN]	3	UU	40° 22.71'	111° 42.62'	1707	EpiSensor	K2	Digital	ANSS
PIO	Pioche, NV	HH[ZEN]	3	NN	37° 56.83'	114° 29.48'	1887	Trillium 120	Q330	Digital	UNR
PKCU	Pink Cliffs, UT	HH[ZEN]	3	UU	37° 26.63'	112° 18.66'	2834	Trillium 120	SMART-24	Digital	Utah
		EN[ZEN]	3					PA-23			
PNSU	Preston Nutter Ranch, Sunnyside, UT	HH[ZEN]	3	UU	39° 37.67'	110° 14.74'	2743	Trillium 240	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			
PRN	Pahroc, Range, NV	HH[ZEN]	3	NN	37° 24.40'	115° 03.05'	1402	Trillium 120	ANSS-130	Digital	UNR
PSUT	Pine Spring, UT	HH[ZEN]	3	UU	38° 32.02'	113° 51.28'	1999	Trillium 120	Q330	Digital	Utah
		EN[ZEN]	3					EpiSensor			
PTI	Pocatello, ID	EHZ	1	IE	42° 52.20'	112° 22.21'	1670	*	*	Digital	INL
PTU	Portage, UT	EHZ	1	UU	41° 55.76'	112° 19.48'	2192	L4C	Basalt	Digital	ANSS
		EN[ZEN]	3					EpiSensor			
PV05	E. Island Mesa, Paradox Basin, CO	HH[ZEN]	3	RE	38° 08.87'	108° 50.08'	2142	*	*	Digital	USBR
PV11	Davis Mesa, Paradox Basin, CO	HH[ZEN]	3	RE	38° 17.96'	108° 52.33'	1881	*	*	Digital	USBR
PV15	Pinto Mesa, Paradox Basin, CO	HH[ZEN]	3	RE	38° 20.51'	108° 28.66'	2280	*	*	Digital	USBR
PV21	Cone Mountain, Paradox Basin, CO	HH[ZEN]	3	RE	38° 33.67'	108° 58.50'	2235	*	*	Digital	USBR
Q12A	Willow Creek Ranch, Ely, NV	HH[ZEN]	3	NN	39° 02.40'	114° 19.88'	1625	Trillium 120	Q330	Digital	UNR
QBHW	Bridle Trail Rd, Draper, UT	HN[ZEN]	3	UU	40° 30.23'	111° 51.35'	1400	Gsig-AC63	Gsig-GMS	Digital	ANSS
QCSP	White Pine Dr., Tooele, UT	HN[ZEN]	3	UU	40° 32.75'	112° 16.56'	1538	Gsig-AC63	Gsig-GMS	Digital	ANSS
QCWC	E 2100 S, Salt Lake City, UT	HN[ZEN]	3	UU	40° 43.54'	111° 49.94'	1373	Gsig-AC63	Gsig-GMS	Digital	ANSS
QDPS	Dept of Public Safety Univ. of Utah, Salt Lake City, UT	HN[ZEN]	3	UU	40° 45.60'	111° 50.46'	1460	Gsig-AC63	Gsig-GMS	Digital	ANSS
QFTG	N 450 E St., Springville, UT	HN[ZEN]	3	UU	40° 10.42'	111° 36.12'	1395	Gsig-AC63	Gsig-GMS	Digital	ANSS
QJHW	Red Rock Ranch, Teton County, WY	HN[ZEN]	3	UU	43° 34.99'	110° 24.65'	2169	Gsig-AC63	Gsig-GMS	Digital	ANSS

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
QJMH	S 900 E, Salt Lake City, UT	HN[ZEN]	3	UU	40° 42.21'	111° 51.97'	1312	Gsig-AC63	Gsig-GMS	Digital	ANSS
QJOT	Whileaway Rd., Snyderville, UT	HN[ZEN]	3	UU	40° 44.50'	111° 41.68'	1977	Gsig-AC63	Gsig-GMS	Digital	ANSS
QKSL2	Lehi, UT	HN[ZEN]	3	UU	40° 15.98'	111° 50.07'	1371	Gsig-AC63	Gsig-GMS	Digital	ANSS
QLIN	884 E 490 N, Lindon, UT	HN[ZEN]	3	UU	40° 20.83'	111° 29.63'	1538	Gsig-AC63	Gsig-GMS	Digital	ANSS
QLMT	Earthquake Lake, MT	EHZ	1	MB	44° 49.84'	111° 25.80'	2064	*	*	Analog	MBMT
QMDS	S 2600 E, Salt Lake City, UT	HN[ZEN]	3	UU	40° 43.74'	111° 48.97'	1405	Gsig-AC63	Gsig-GMS	Digital	ANSS
QNRL	E 500 N, Logan, UT	HN[ZEN]	3	UU	40° 44.44'	111° 49.49'	1407	Gsig-AC63	Gsig-GMS	Digital	ANSS
QOGD	1723 N 900 E, North Ogden, UT	HN[ZEN]	3	UU	41° 17.38'	111° 57.11'	1361	Gsig-AC63	Gsig-GMS	Digital	ANSS
QPAY	N 300 E Payson, UT	HN[ZEN]	3	UU	40° 03.18'	111° 43.70'	1404	Gsig-AC63	Gsig-GMS	Digital	ANSS
QPML	S Whitesides St., Layton, UT	HN[ZEN]	3	UU	40° 03.47'	111° 57.23'	1334	Gsig-AC63	Gsig-GMS	Digital	ANSS
QRJG	N 1450 E, Provo, UT	HN[ZEN]	3	UU	40° 15.65'	111° 37.96'	1530	Gsig-AC63	Gsig-GMS	Digital	ANSS
QSAR2	Saratoga Springs, UT	HN[ZEN]	3	UU	40° 20.17'	111° 55.43'	1420	Gsig-AC63	Gsig-GMS	Digital	ANSS
QSPA	520 S, Spanish Fork, UT	HN[ZEN]	3	UU	40° 17.47'	111° 52.95'	1413	Gsig-AC63	Gsig-GMS	Digital	ANSS
QSTV	S City Vistas Way, Kearns, UT	HN[ZEN]	3	UU	40° 40.25'	112° 02.18'	1416	Gsig-AC63	Gsig-GMS	Digital	ANSS
QSUN	1412 N 350 W, Sunset, UT	HN[ZEN]	3	UU	41° 08.04'	112° 01.97'	1373	Gsig-AC63	Gsig-GMS	Digital	ANSS
QUGS	240 N Redwood Road, SLC, UT	HN[ZEN]	3	UU	40° 46.45'	111° 56.32'	1300	Gsig-AC63	Gsig-GMS	Digital	ANSS
R11B	Troy Canyon, Currant, NV	HH[ZEN]	3	NN	38° 20.93'	115° 35.12'	1756	STS-5A	Q330	Digital	UNR
RBU	Red Butte Canyon, UT	EHZ	1	UU	40° 46.85'	111° 48.50'	1676	L4C	Basalt	Digital	USGS
		EN[ZEN]	3					EpiSensor			
RCJ	Ross Creek, UT	EHZ	1	UU	40° 39.51'	111° 26.36'	2090	S13	PSN	Analog	Utah
RDMU	Red Mountain, UT	HH[ZEN]	3	UU	40° 34.25'	109° 34.17'	2087	Trillium 120	SMART-24	Digital	Utah
		EN[ZEN]	3					PA-23			
REDW	Red-Top Meadows, WY	BH[ZEN]	3	IW	43° 21.74'	110° 51.18'	2322	3ESP	RT-130	Digital	ANSS
REUT	Washington Fields, Riverside Elementary School, UT	EN[ZEN]	3	UU	37° 05.86'	113° 31.16'	791	PA-23	SMART-24	Digital	Utah
ROA	Roan Cliffs, UT	EHZ	1	UU	39° 39.69'	110° 21.88'	2962	S13	PSN	Analog	Utah
RPF	Rose Park Fire Station, Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.52'	111° 55.22'	1287	Applied Mems	ANSS-130	Digital	ANSS
RRCU	Rees Ranch, Coalville, UT	EHZ	1	UU	40° 53.21'	111° 26.22'	2028	L4C	Basalt	Digital	Utah, USGS
		EN[ZEN]	3					EpiSensor			
RSUT	Red Spur, UT	EHZ	1	UU	41° 38.31'	111° 25.90'	2682	S13	Basalt	Digital	USGS
		EN[ZEN]	3					EpiSensor			
RWWY	Rawlins, WY	BH[ZEN]	3	IW	41° 41.33'	107° 12.61'	2402	3ESP	RT-130	Digital	ANSS
SAIU	South Antelope Island, UT	EHZ	1	UU	40° 51.29'	112° 10.89'	1384	L4C	PSN	Analog	USGS
		EHZ	1					EpiSensor	Basalt	Digital	
		EN[ZEN]	3								
SCC	Salt Lake Community College, SLC UT Salt Lake City, UT	EN[ZEN]	3	UU	40° 40.49'	111° 56.37'	1306	EpiSensor	Etna2	Digital	ANSS

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
SCS	Syracuse City Cemetery Shop Syracuse, UT	EN[ZEN]	3	UU	41° 05.73'	112° 02.81'	1321	EpiSensor	K2	Digital	ANSS
SCUT	Santa Clara, UT	EN[ZEN]	3	UU	37° 07.69'	113° 38.68'	837	EpiSensor	Etna	Digital	Utah
SCY	Salem City Yard, Salem, UT	EN[ZEN]	3	UU	40° 03.47'	111° 41.14'	1386	Applied Mems	ANSS-130	Digital	ANSS
SGSU	St. George Fire Station #4, UT	EN[ZEN]	3	UU	38° 16.61'	112° 38.42'	1799	PA-23	SMART-24	Digital	Utah
SGU	Sterling, UT	EHZ	1	UU	39° 10.94'	111° 38.68'	2357	18300	PSN	Analog	USGS
SHP	Sheep Range, NV	HH[ZEN]	3	NN	36° 30.33'	115° 09.61'	1590	Trillium 120	ANSS-130	Digital	UNR
SJF	South Jordan Fire Station, South Jordan, UT	EN[ZEN]	3	UU	40° 33.37'	111° 56.34'	1356	Applied Mems	ANSS-130	Digital	ANSS
SMAZ	Slide Mountain, AZ	EHZ	1	AR	36° 19.29'	113° 10.14'	2200	*	*	Analog	NAU
SNO	Snow College, UT	EHZ	1	UU	39° 19.18'	111° 32.33'	2503	Ranger	PSN	Analog	Utah
SNOW	Snowking Mountain, WY	BH[ZEN]	3	IW	43° 27.75'	110° 45.31'	2390	3ESP	RT-130	Digital	ANSS
SNUT	Stansbury North, UT	EHZ	1	UU	40° 53.10'	112° 30.52'	1652	18300	PSN	Analog	USGS
		EHZ	1					EpiSensor	Basalt	Digital	
		EN[ZEN]	3								
SPR2	Wildlife Resource Center Springville, UT	EN[ZEN]	3	UU	40° 10.95'	111° 36.69'	1382	EpiSensor	Etna2	Digital	ANSS
SPR3	Spring Creek 3, NV	HH[ZEN]	3	NN	38° 59.93'	114° 19.88'	2815	Trillium 120	RT-130	Digital	UNR
SPS	Stansbury Park Sewage Lagoon Stansbury Park, UT	EN[ZEN]	3	UU	40° 38.97'	112° 18.95'	1293	EpiSensor	Etna2	Digital	ANSS
SPU	South Promontory Point, UT	EN[ZEN]	3	UU	41° 18.52'	112° 26.95'	2086	EpiSensor	ANSS-130	Digital	ANSS
		HH[ZEN]	3					3ESP			
SRU	San Rafael Swell, UT	EHZ	1	UU	39° 06.65'	110° 31.43'	1804	S13	PSN	Analog	Utah, ANSS, IRIS
		HH[ZEN]	3					STS-2	ANSS-130	Digital	
		EN[ZEN]	3					EpiSensor			
SSC	Sandy Senior Center Sandy, UT	EN[ZEN]	3	UU	40° 34.89'	111° 51.35'	1414	EpiSensor	Etna2	Digital	ANSS
SUU	Santaquin Canyon, UT	EHZ	1	UU	39° 53.29'	111° 47.45'	2024	18300	PSN	Analog	USGS
SVWY	Solvay Mine, WY	HH[ZEN]	3	UU	41° 27.02'	109° 51.88'	1950	Trillium 120	Centaur	Digital	Utah
SWUT	Soap Wash, Delta, UT	EN[ZEN]	3	UU	39° 19.72'	113° 11.72'	1644	EpiSensor	Q330	Digital	Utah
		HH[ZEN]	3					Trillium 120			
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			
		EHZ	1								
TCMU	Timpanogos Cave Mouth, UT	EHZ	1	UU	40° 26.26'	111° 42.71'	2045	L4C	Basalt	Digital	Utah
		EN[ZEN]	3					EpiSensor			
TCRU	Three Creeks Reservoir, UT	HH[ZEN]	3	UU	38° 36.57'	112° 26.83'	2293	Trillium 120	SMART-24	Digital	Utah
		EN[ZEN]	3					PA-23			
TCU	Toone Canyon, UT	EN[ZEN]	3	UU	41° 07.04'	111° 24.47'	2269	EpiSensor	ANSS-130	Digital	ANSS

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
		HH[ZEN]	3					3ESP			
TCUT	Toone Canyon, UT	EHZ	1	UU	41° 07.07'	111° 24.51'	2320	L4C	PSN	Analog	USGS
TMI	Taylor Mountain, ID	EHZ	1	IE	43° 18.30'	111° 55.08'	2179	*	*	Digital	INL
TMU	Trail Mountain, UT	HH[ZEN]	3	UU	39° 17.79'	111° 12.49'	2731	Observer	ANSS-130	Digital	Utah, ANSS
		EN[ZEN]	3					EpiSensor			
TPAW	Teton Pass, WY	BH[ZEN]	3	IW	43° 29.41'	110° 57.04'	2512	3ESP	RT-130	Digital	ANSS
TPH	Tonopah, NV	BH[ZEN]	3	LB	38° 04.50'	117° 13.35'	1883	3ESP	Q330	Digital	Sandia
TPMT	Teepee Creek, MT	EHZ	1	MB	44° 43.79'	111° 39.94'	2518	*	*	Analog	MBMT
TPNV	Topopah Spring, NV	BH[ZEN]	3	US	36° 56.93'	116° 14.97'	1600	*	*	Digital	USGS
TPU	Thanksgiving Point, Lehi, UT	EN[ZEN]	3	UU	40° 25.81'	111° 54.13'	1383	EpiSensor	Etna2	Digital	ANSS
TRS	Tooele County Radio Shop, Tooele, UT	EN[ZEN]	3	UU	40° 30.83'	112° 18.63'	1568	EpiSensor	Etna2	Digital	ANSS
U15A	North Rim, AZ	BH[ZEN]	3	AE	36° 25.80'	112° 17.40'	2489	Trillium 240	Q330	Digital	AZGS
UHP	Utah Highway Patrol Farmington, UT	EN[ZEN]	3	UU	40° 59.47'	111° 53.88'	1295	EpiSensor	Etna2	Digital	ANSS
UTH	Uintah Town Hall, Uintah, UT	EN[ZEN]	3	UU	41° 08.65'	111° 55.52'	1389	EpiSensor	Etna2	Digital	ANSS
UUE	University of Utah EMCB Bldg. Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.09'	111° 50.77'	1449	EpiSensor	Etna2	Digital	ANSS
V12A	Nelson, NV	HH[ZEN]	3	NN	35° 44.00'	114° 51.07'	1098	Trillium 120	Q330	Digital	UNR
VEC	Valley Emergency Communications Center West Valley City, UT	EN[ZEN]	3	UU	40° 39.21'	112° 01.95'	1480	EpiSensor	Basalt	Digital	ANSS
VNL	Vernal, UT	EN[ZEN]	3	UU	40° 27.48'	109° 32.89'	1648	EpiSensor	Obsidian	Digital	Utah
VRUT	Veyo Road, Veyo, UT	HH[ZEN]	3	UU	37° 27.71'	113° 51.41'	1874	Trillium 120	SMART-24	Digital	Utah
		EN[ZEN]	3					PA-23			
W13A	Hualapai Mountain Park, Kingman, AZ	BH[ZEN]	3	AE	35° 06.00'	113° 53.40'	1988	3T	Q330	Digital	AZGS
WBC	Weber Canyon, UT	EN[ZEN]	3	UU	41° 08.38'	111° 54.05'	1602	EpiSensor	Etna2	Digital	ANSS
WCF	Wellsville Fire Station, Wellsville, UT	EN[ZEN]	3	UU	41° 38.37'	111° 55.94'	1387	EpiSensor	Etna2	Digital	ANSS
WCO	Washington City Office Building, UT	EN[ZEN]	3	UU	37° 07.91'	113° 30.56'	837	EpiSensor	Etna	Digital	Utah
WCU	Willow Creek, UT	EHZ	1	UU	38° 57.88'	112° 05.44'	2673	18300	PSN	Analog	USGS
		EHZ	1					EpiSensor	Basalt	Digital	
		EN[ZEN]	3								
WDO	Saint George, Washington County School District Office, UT	EN[ZEN]	3	UU	37° 06.46'	113° 35.19'	831	PA-23	SMART-24	Digital	Utah
WES	Westminster College Salt Lake City, UT	EN[ZEN]	3	UU	40° 43.97'	111° 51.26'	1341	EpiSensor	Etna2	Digital	ANSS
WHS	West High School, SLC UT Salt Lake City, UT	EN[ZEN]	3	UU	40° 46.51'	111° 53.93'	1301	EpiSensor	Etna2	Digital	ANSS

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
WMUT	West Mountain, UT	EHZ	1	UU	40° 04.60'	111° 50.00'	1981	L4C	PSN	Analog	USGS
		EHZ	1					Basalt	Digital		
		EN[ZEN]	3					EpiSensor			
WPUT	Wasatch Plateau, UT	HH[ZEN]	3	UU	38° 59.85'	111° 21.53'	2618	Trillium 120	Taurus	Digital	Utah
WRP	Water Reclamation Plant Salt Lake City, UT	EN[ZEN]	3	UU	40° 48.82'	111° 55.87'	1286	EpiSensor	Etna2	Digital	ANSS
WTNK	7433 Soaring Heights, NV	HH[ZEN]	3	NN	36° 11.50'	115° 00.64'	676	3ESP	ANSS-130	Digital	UNR
WTU	Western Traverse Mountains, UT	EH[ZEN]	3	UU	40° 27.29'	111° 57.21'	1552	S13	PSN	Analog	USGS
		EN[ZEN]	3					Applied Mems	ANSS-130	Digital	
		BH[ZEN]	3					*	*	Digital	
WUAZ	Wupatki, AZ	BH[ZEN]	3	US	35° 31.01'	111° 22.43'	1592	*	*	Digital	USGS
WVUT	Wellsville, UT	EHZ	1	UU	41° 36.61'	111° 57.55'	1828	L4C	PSN	Analog	USGS
YDC	Denny Creek, MT	EHZ	1	WY	44° 42.51'	111° 14.60'	2025	L4C	PSN	Analog	USGS
YDD	Grant Junction, Yellowstone, WY	HH[ZEN]	3	WY	44° 24.00'	110° 34.80'	2400	STS-2	Q330	Digital	USGS
		EN[ZEN]	3					Episensor			
YEE	East Entrance (YNP), WY	HH[ZEN]	3	WY	44° 29.12'	109° 53.81'	2270	Compact	Taurus	Digital	USGS
YFT	Old Faithful (YNP), WY	HH[ZEN]	3	WY	44° 27.05'	110° 50.24'	2292	Compact	Centaur	Digital	USGS
		EN[ZEN]	3					Titan			
YGC	Grayling Creek, MT	EHZ	1	WY	44° 47.77'	111° 06.45'	2075	L4C	PSN	Analog	USGS
YHB	Horse Butte, MT	EHZ	1	WY	44° 45.07'	111° 11.71'	2157	L4C	PSN	Analog	USGS
		HH[ZEN]	3					Compact	ANSS-130	Digital	
		EN[ZEN]	3					Titan			
YHH	Holmes Hill (YNP), WY	EHZ	1	WY	44° 47.30'	110° 51.03'	2717	S13	PSN	Analog	USGS
		HH[ZEN]	3					Trillium 120	Q330	Digital	
		EN[ZEN]	3					Titan			
YHL	Hebgen Lake, MT	HH[ZEN]	3	WY	44° 51.05'	111° 10.98'	2691	Trillium 120	Q330	Digital	USGS
		EN[ZEN]	3					Titan			
YHR	Hawk's Rest, WY	HH[ZEN]	3	WY	44° 06.36'	110° 04.90'	2976	Trillium 120	Q330	Digital	USGS
YJC	Joseph's Coat (YNP), WY	EH[ZEN]	3	WY	44° 45.33'	110° 20.95'	2684	S13	PSN	Analog	USGS
YLA	Lake Butte (YNP), WY	EHZ	1	WY	44° 30.76'	110° 16.12'	2580	L4C	PSN	Analog	USGS
YLT	Little Thumb Creek (YNP), WY	EHZ	1	WY	44° 26.25'	110° 35.28'	2439	L4C	PSN	Analog	USGS
YMC	Maple Creek (YNP), WY	EH[ZEN]	3	WY	44° 45.53'	111° 00.41'	2073	S13	PSN	Analog	USGS
YML	Mary Lake (YNP), WY	EH[ZEN]	3	WY	44° 36.20'	110° 38.63'	2653	L4C	PSN	Analog	USGS
YMP	Mirror Plateau (YNP), WY	EHZ	1	WY	44° 44.38'	110° 09.40'	2774	S13	PSN	Analog	USGS
		HH[ZEN]	3					Trillium 120	Q330	Digital	
		EN[ZEN]	3					Titan			
YMR	Madison River (YNP), WY	HH[ZEN]	3	WY	44° 40.12'	110° 57.90'	2149	Trillium 120	Q330	Digital	USGS
		EN[ZEN]	3					Titan			

SEED Station	Location	SEED Channel	No. of Channels	Network Code	Latitude	Longitude	Elevation (meters)	Sensor	Digitizer	Telemetry	Sponsor
YMS	Mount Sheridan (YNP), WY	EHZ	1	WY	44° 15.84'	110° 31.67'	3106	L4C	PSN	Analog	USGS
YMV	Mammoth Vault (YNP), WY	EHZ	1	WY	44° 58.42'	110° 41.33'	1829	L4C	PSN	Analog	USGS
YNE	Northeast Entrance (YNP), WY	HH[ZEN]	3	WY	45° 00.46'	110° 00.48'	2343	Compact	ANSS-130	Digital	USGS
YNM	Norris Museum (YNP), WY	HH[ZEN]	3	WY	44° 43.59'	110° 42.22'	2311	Trillium 240	Q330	Digital	USGS
YNR	Norris Junction (YNP), WY	HH[ZEN]	3	WY	44° 42.93'	110° 40.75'	2336	Trillium 120	Q330	Digital	USGS
		EN[ZEN]	3					Titan			
YPC	Pelican Cone (YNP), WY	EHZ	1	WY	44° 38.88'	110° 11.55'	2932	L4C	PSN	Analog	USGS
YPK	Parker Peak (YNP), WY	EH[ZEN]	3	WY	44° 43.91'	109° 55.32'	2897	L4C	PSN	Analog	USGS
YPM	Purple Mountain (YNP), WY	EHZ	1	WY	44° 39.43'	110° 52.12'	2582	L4C	PSN	Analog	USGS
YPP	Pitchstone Plateau (YNP), WY	EHZ	1	WY	44° 16.26'	110° 48.27'	2707	S13	PSN	Analog	USGS
		HH[ZEN]	3					Trillium 120	Q330	Digital	
		EN[ZEN]	3					Titan			
YSB	Soda Butte (YNP), WY	EHZ	1	WY	44° 53.04'	110° 09.06'	2072	L4C	PSN	Analog	USGS
YTP	The Promontory (YNP), WY	EHZ	1	WY	44° 23.51'	110° 17.10'	2384	L4	PSN	Analog	USGS
		HH[ZEN]	3					Trillium 120	Q330	Digital	
		EN[ZEN]	3					Titan			
YUF	Upper Falls (YNP), WY	HH[ZEN]	3	WY	44° 42.76'	110° 30.71'	2394	Compact	ANSS-130	Digital	USGS
		EN[ZEN]	3					Titan			
YWB	West Boundary (YNP), WY	EHZ	1	WY	44° 36.35'	111° 06.05'	2310	L4C	PSN	Analog	USGS
ZNPU	Zion National Park, UT	HH[ZEN]	3	UU	37° 21.37'	113° 07.52'	1953	Trillium 120	Q330	Digital	Utah

* Station operated by another agency and recorded as part of University of Utah regional seismic network
Network Statistics: 986 data channels from 315 stations were being recorded at the end of this report period

EXPLANATION OF TABLE

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

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

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

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

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

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

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

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

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

Number of Channels: Total number of waveform channels recorded.

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

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

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

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

Elevation: Sensor altitude in meters above sea level.

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

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

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

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

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

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

NETWORK CHANGES DURING JANUARY 1–MARCH 31, 2020

January 3 SPR EN[ZEN] relocated to SPR2 EN[ZEN]