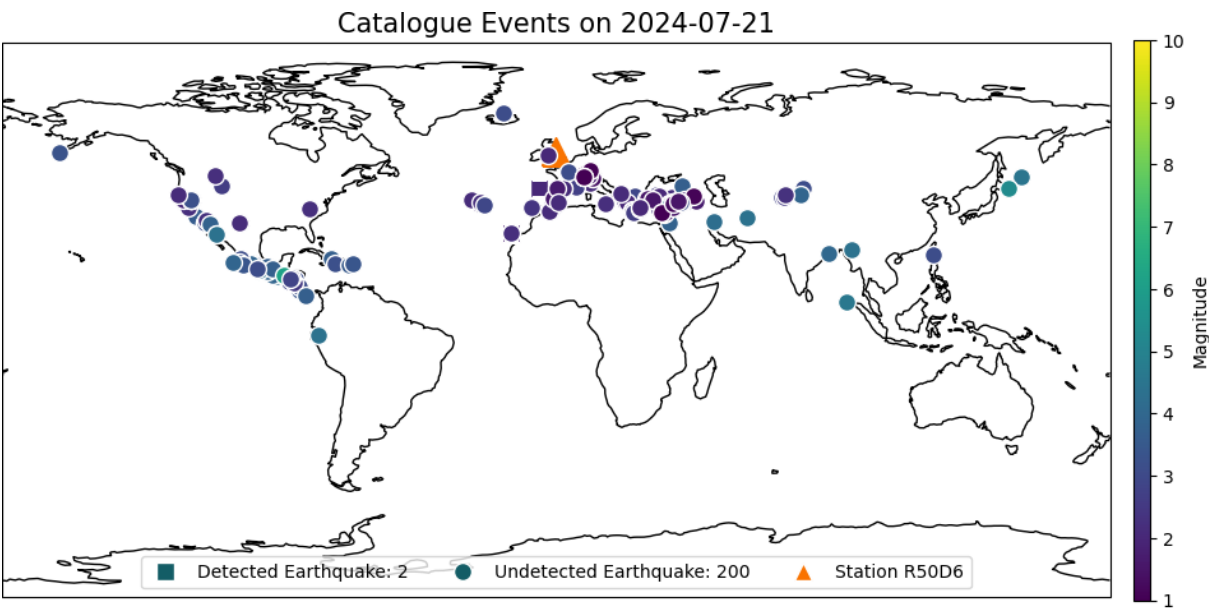


Earthquake Report for 2024-07-21

Station: AM.R50D6 Catalog Provider: Detection Simplified: No P Wave Only: Yes

Catalogued Earthquake Plot



Detected and Catalogued Earthquakes

| Time | Location | Magnitude |
|---------------------|--------------------|-----------|
| 2024-07-21 23:56:22 | -4.9651, -78.8111 | 4.4 mb |
| 2024-07-21 23:54:53 | 44.5692, 9.4492 | 2.1 ml |
| 2024-07-21 23:54:44 | 38.8243, -122.793 | 2.5 md |
| 2024-07-21 23:36:11 | 46.0885, 10.4235 | 1.0 ml |
| 2024-07-21 23:25:48 | 38.506, 42.5195 | 2.6 ml |
| 2024-07-21 22:50:08 | 15.65, -97.41 | 3.4 m |
| 2024-07-21 22:26:02 | 19.35, -103.76 | 3.1 m |
| 2024-07-21 22:23:36 | 16.97, -99.15 | 3.0 m |
| 2024-07-21 22:22:45 | 46.2836, 7.2562 | 0.9 ml |
| 2024-07-21 22:18:30 | 37.8692, 26.9614 | 1.4 ml |
| 2024-07-21 22:09:52 | 33.7287, -118.5305 | 3.6 ml |
| 2024-07-21 21:52:24 | 28.0992, -16.1788 | 1.8 ml |
| 2024-07-21 21:49:32 | 43.4187, -110.2761 | 2.6 ml |
| 2024-07-21 21:48:54 | 13.24, -86.3 | 3.2 m |
| 2024-07-21 21:47:28 | 46.7668, 10.3475 | 1.5 ml |

| | | |
|---------------------|--------------------|--------|
| 2024-07-21 21:38:59 | 38.2647, 38.76 | 2.6 ml |
| 2024-07-21 21:36:18 | 38.1427, 37.8693 | 2.8 ml |
| 2024-07-21 21:36:17 | 16.24, -97.69 | 3.0 m |
| 2024-07-21 21:34:30 | 28.0888, -16.1797 | 1.7 ml |
| 2024-07-21 21:12:30 | 9.672, -85.084 | 3.4 m |
| 2024-07-21 21:10:24 | 18.3, -99.84 | 3.2 m |
| 2024-07-21 20:59:50 | 18.2, -100.64 | 3.9 m |
| 2024-07-21 20:53:06 | 20.0, -104.1 | 3.1 m |
| 2024-07-21 20:46:29 | 31.48, -115.55 | 3.5 m |
| 2024-07-21 20:30:32 | 16.26, -97.89 | 3.5 m |
| 2024-07-21 20:28:55 | 40.4862, -124.206 | 2.5 md |
| 2024-07-21 20:21:23 | 39.1348, -120.0343 | 2.0 md |
| 2024-07-21 20:19:26 | 22.6784, 94.3804 | 4.4 mb |
| 2024-07-21 20:15:06 | 31.4582, 35.3857 | 3.8 ml |
| 2024-07-21 20:06:28 | 21.54, 86.99 | 4.0 m |
| 2024-07-21 19:47:23 | 18.67, -104.49 | 3.2 m |
| 2024-07-21 19:18:30 | 10.623, -84.968 | 3.1 m |
| 2024-07-21 19:14:37 | 31.4865, -115.6149 | 2.6 m |
| 2024-07-21 19:13:10 | 31.48, -115.55 | 3.1 m |
| 2024-07-21 18:59:40 | 17.9, -103.14 | 3.4 m |
| 2024-07-21 18:58:35 | 35.7775, 31.8936 | 2.4 ml |
| 2024-07-21 18:54:20 | 38.19, 21.7 | 2.4 ml |
| 2024-07-21 18:33:26 | 31.622, -104.107 | 2.3 ml |
| 2024-07-21 18:30:42 | 46.282, 7.274 | 0.8 ml |
| 2024-07-21 18:29:48 | 46.2823, 7.2742 | 0.5 ml |
| 2024-07-21 18:28:55 | 46.2853, 7.2704 | 1.1 ml |
| 2024-07-21 18:25:54 | 38.7933, -122.778 | 2.3 md |
| 2024-07-21 18:13:25 | 31.68, -104.407 | 2.0 ml |
| 2024-07-21 18:12:23 | 37.8675, 36.9106 | 2.0 ml |
| 2024-07-21 18:08:31 | 40.2786, 24.1104 | 2.5 ml |
| 2024-07-21 17:54:14 | 40.0472, 36.0369 | 2.2 ml |
| 2024-07-21 17:47:02 | 34.9207, 23.3403 | 2.7 ml |
| 2024-07-21 17:43:28 | 38.1042, 38.4533 | 2.6 ml |
| 2024-07-21 17:25:17 | 38.0411, 37.5417 | 1.9 ml |
| 2024-07-21 16:47:25 | 35.5152, -3.5907 | 2.5 ml |
| 2024-07-21 16:43:16 | 34.7684, 23.0144 | 3.7 ml |
| 2024-07-21 16:35:26 | 40.8608, 31.0482 | 2.6 ml |
| 2024-07-21 16:29:14 | 46.7617, 10.3286 | 1.5 ml |

| | | |
|---------------------|--------------------|--------|
| 2024-07-21 16:26:31 | 46.2819, 7.2751 | 0.8 ml |
| 2024-07-21 16:25:30 | 34.8029, 23.15 | 2.7 ml |
| 2024-07-21 16:16:21 | 31.616, -104.097 | 2.2 ml |
| 2024-07-21 16:14:21 | 46.2843, 7.2715 | 1.0 ml |
| 2024-07-21 15:58:05 | 47.2235, 7.5769 | 0.8 ml |
| 2024-07-21 15:53:26 | 39.77, 71.85 | 2.8 m |
| 2024-07-21 15:44:25 | 38.5503, 26.7383 | 2.4 ml |
| 2024-07-21 15:29:53 | 38.0186, 37.6197 | 2.0 ml |
| 2024-07-21 15:26:00 | 53.428, -4.142 | 2.0 ml |
| 2024-07-21 15:16:01 | 37.952, -26.424 | 2.0 ml |
| 2024-07-21 15:03:15 | 39.005, -29.048 | 2.1 ml |
| 2024-07-21 15:01:14 | 38.224, -26.149 | 2.2 ml |
| 2024-07-21 14:38:49 | 39.3659, 20.5914 | 2.6 ml |
| 2024-07-21 14:23:01 | 46.0474, 10.3675 | 1.4 ml |
| 2024-07-21 14:11:20 | 39.26, -123.2483 | 2.0 md |
| 2024-07-21 14:00:03 | 44.8862, 2.5085 | 2.7 ml |
| 2024-07-21 13:56:11 | 37.5003, 35.3078 | 1.8 ml |
| 2024-07-21 13:37:40 | 37.1574, -1.9857 | 1.8 ml |
| 2024-07-21 13:29:13 | 32.459, -115.2055 | 2.3 ml |
| 2024-07-21 13:17:48 | 38.92, 23.9 | 2.2 ml |
| 2024-07-21 13:16:26 | 19.885, -74.43 | 3.7 m |
| 2024-07-21 13:13:28 | 39.85, 72.39 | 2.5 m |
| 2024-07-21 13:06:31 | 14.32, -92.54 | 4.2 m |
| 2024-07-21 12:55:35 | 37.9067, 27.1167 | 1.4 ml |
| 2024-07-21 12:52:11 | 46.8928, -112.5268 | 2.2 ml |
| 2024-07-21 12:32:50 | 43.1761, 5.0674 | 2.7 ml |
| 2024-07-21 12:02:38 | 36.662, -3.418 | 1.9 ml |
| 2024-07-21 11:54:03 | 12.68, -88.35 | 2.8 m |
| 2024-07-21 11:52:36 | 38.1593, 36.8427 | 2.2 ml |
| 2024-07-21 11:41:02 | 38.2814, 38.7747 | 2.4 ml |
| 2024-07-21 11:35:14 | 38.4853, 31.5686 | 0.9 ml |
| 2024-07-21 11:34:03 | 31.676, -104.409 | 2.2 ml |
| 2024-07-21 11:30:29 | 31.683, -104.412 | 2.1 ml |
| 2024-07-21 11:14:37 | 34.4725, 33.6428 | 1.3 ml |
| 2024-07-21 11:02:49 | 37.6669, 35.3847 | 1.5 ml |
| 2024-07-21 10:50:51 | 31.33, -114.2 | 3.8 m |
| 2024-07-21 10:34:07 | 16.32, -97.69 | 3.3 m |
| 2024-07-21 10:27:30 | 37.1293, -1.9664 | 1.7 ml |

| | | |
|---------------------|-------------------|--------|
| 2024-07-21 10:25:25 | 38.6, 20.6 | 2.1 ml |
| 2024-07-21 10:23:54 | 18.49, -73.57 | 3.2 m |
| 2024-07-21 10:16:58 | 12.21, -86.67 | 2.5 m |
| 2024-07-21 10:14:12 | 36.8918, 37.1848 | 2.2 ml |
| 2024-07-21 10:14:09 | 34.9668, 23.3224 | 2.4 ml |
| 2024-07-21 10:12:38 | 37.8717, 14.5242 | 2.2 ml |
| 2024-07-21 10:11:01 | 38.5872, 31.4208 | 0.9 ml |
| 2024-07-21 10:10:16 | 14.72, -93.6 | 3.9 m |
| 2024-07-21 10:06:26 | 42.6678, 0.648 | 2.2 ml |
| 2024-07-21 09:56:16 | 42.7098, 0.6134 | 2.0 ml |
| 2024-07-21 09:53:50 | 17.4, -95.15 | 3.7 m |
| 2024-07-21 09:50:57 | 15.87, -95.18 | 3.9 m |
| 2024-07-21 09:49:34 | 39.2086, 38.39 | 1.6 ml |
| 2024-07-21 09:42:12 | 40.4361, 41.9719 | 1.6 ml |
| 2024-07-21 09:34:52 | 34.8358, 23.194 | 2.4 ml |
| 2024-07-21 09:26:32 | 46.516, 149.8022 | 4.5 mb |
| 2024-07-21 09:25:17 | 27.76, -111.86 | 3.7 m |
| 2024-07-21 09:19:00 | 18.68, -106.39 | 3.9 m |
| 2024-07-21 09:01:02 | 40.1865, 31.7203 | 2.0 ml |
| 2024-07-21 08:37:07 | 46.8594, 9.2531 | 1.7 ml |
| 2024-07-21 08:25:28 | 46.2794, 7.2582 | 0.3 ml |
| 2024-07-21 08:25:24 | 27.87, -111.95 | 4.4 m |
| 2024-07-21 08:25:05 | 36.0482, -81.5255 | 2.2 md |
| 2024-07-21 08:19:30 | 42.6625, 0.6283 | 2.1 ml |
| 2024-07-21 08:14:48 | 38.0481, 36.5872 | 1.7 ml |
| 2024-07-21 08:07:34 | 37.457, -24.738 | 2.9 ml |
| 2024-07-21 08:04:52 | 16.25, -97.7 | 4.4 m |
| 2024-07-21 08:02:50 | 38.5753, 43.7836 | 1.7 ml |
| 2024-07-21 08:00:16 | 40.2654, 24.1273 | 2.9 ml |
| 2024-07-21 07:50:27 | 37.7267, 37.5025 | 3.3 ml |
| 2024-07-21 07:43:50 | 16.76, -93.71 | 3.7 m |
| 2024-07-21 07:40:23 | 38.0519, 37.2039 | 1.6 ml |
| 2024-07-21 07:30:17 | 18.0318, -68.635 | 3.5 md |
| 2024-07-21 07:19:28 | 41.42, 77.9 | 2.7 m |
| 2024-07-21 07:14:11 | 38.2589, 37.8192 | 2.3 ml |
| 2024-07-21 07:10:20 | 16.64, -98.6 | 3.1 m |
| 2024-07-21 07:07:36 | 34.9021, 23.2736 | 3.0 ml |
| 2024-07-21 06:59:39 | 31.9648, 49.7061 | 4.2 mb |

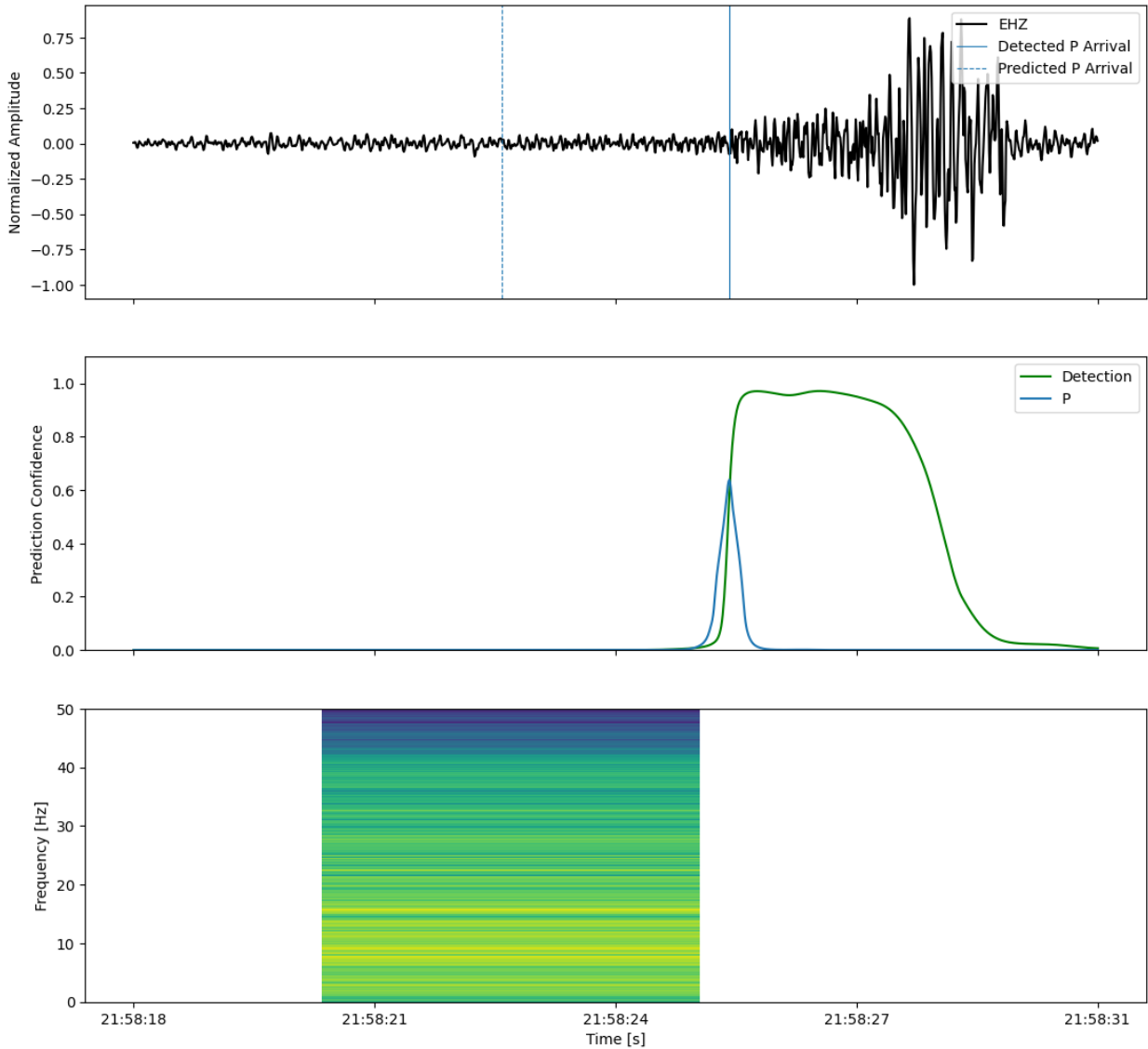
| | | |
|---------------------|--------------------|--------|
| 2024-07-21 06:55:41 | 39.3094, 27.9228 | 1.2 ml |
| 2024-07-21 06:40:36 | 21.33, 121.19 | 3.1 m |
| 2024-07-21 06:32:45 | 54.1767, -162.7674 | 3.3 ml |
| 2024-07-21 06:27:33 | 39.2897, 28.0878 | 1.5 ml |
| 2024-07-21 06:20:08 | 6.009, 92.6984 | 4.6 mb |
| 2024-07-21 06:19:42 | 38.34, 21.41 | 2.0 ml |
| 2024-07-21 06:12:32 | 35.7642, 25.481 | 2.7 ml |
| 2024-07-21 06:00:40 | 36.6861, -9.7253 | 2.4 ml |
| 2024-07-21 05:46:21 | 41.138, 19.635 | 2.1 ml |
| 2024-07-21 05:21:25 | 38.1922, 38.5753 | 2.0 ml |
| 2024-07-21 04:58:06 | 36.5477, -121.1438 | 2.2 md |
| 2024-07-21 04:53:41 | 42.7733, -6.9784 | 2.0 ml |
| 2024-07-21 04:51:50 | 38.2369, 39.3583 | 2.3 ml |
| 2024-07-21 04:44:47 | 38.8398, -122.8232 | 2.0 md |
| 2024-07-21 04:44:23 | 43.77, 39.35 | 3.7 mb |
| 2024-07-21 04:27:28 | 42.7569, 145.4465 | 5.3 mw |
| 2024-07-21 04:14:08 | 34.9006, 23.2113 | 2.7 ml |
| 2024-07-21 04:13:39 | 39.1337, -120.0353 | 2.1 md |
| 2024-07-21 04:05:15 | 18.3937, -67.4273 | 3.4 md |
| 2024-07-21 04:05:12 | 34.8802, 23.2516 | 3.5 ml |
| 2024-07-21 04:01:30 | 34.9375, 23.3466 | 5.3 mw |
| 2024-07-21 03:58:58 | 39.134, -120.0352 | 2.2 md |
| 2024-07-21 03:56:33 | 39.133, -120.0236 | 2.8 md |
| 2024-07-21 03:48:19 | 38.235, 39.3375 | 2.1 ml |
| 2024-07-21 03:48:11 | 46.2798, 7.2618 | 0.3 ml |
| 2024-07-21 03:24:52 | 39.1867, 40.0417 | 2.1 ml |
| 2024-07-21 03:19:19 | 39.1364, -120.0057 | 2.8 ml |
| 2024-07-21 03:10:16 | 37.6522, 35.3933 | 1.9 ml |
| 2024-07-21 03:07:17 | 39.055, 29.8631 | 1.5 ml |
| 2024-07-21 03:06:34 | 42.62, 78.89 | 3.1 m |
| 2024-07-21 03:05:06 | 39.1328, -120.0328 | 2.2 md |
| 2024-07-21 03:05:04 | 47.9391, 2.2745 | 3.1 ml |
| 2024-07-21 03:02:11 | 39.133, -120.0297 | 3.2 ml |
| 2024-07-21 02:57:11 | 35.59, 23.28 | 2.0 ml |
| 2024-07-21 02:56:57 | 67.249, -18.711 | 3.3 m |
| 2024-07-21 02:55:09 | 37.6733, 35.4377 | 4.3 mb |
| 2024-07-21 02:53:49 | 14.6032, -89.8544 | 6.2 mw |
| 2024-07-21 02:52:31 | 35.2318, 23.4062 | 2.6 ml |

| | | |
|---------------------|--------------------|--------|
| 2024-07-21 02:51:26 | 48.418, 9.431 | 0.9 ml |
| 2024-07-21 02:50:28 | 34.6957, 34.0872 | 1.6 ml |
| 2024-07-21 02:40:49 | 40.4922, -124.2045 | 2.1 md |
| 2024-07-21 02:38:58 | 34.95, 23.42 | 2.6 ml |
| 2024-07-21 02:34:47 | 35.5247, -3.498 | 2.0 ml |
| 2024-07-21 02:34:22 | 13.66, -87.27 | 2.5 m |
| 2024-07-21 02:34:08 | 38.2544, 37.7894 | 1.4 ml |
| 2024-07-21 02:33:47 | 28.1196, -16.1425 | 1.8 ml |
| 2024-07-21 02:28:55 | 67.265, -18.799 | 2.8 m |
| 2024-07-21 02:23:48 | 46.2842, 7.2603 | 1.5 ml |
| 2024-07-21 02:22:30 | 8.077, -82.801 | 3.7 m |
| 2024-07-21 02:22:14 | 46.2845, 7.2587 | 1.3 ml |
| 2024-07-21 02:11:10 | 67.26, -18.786 | 3.1 m |
| 2024-07-21 02:02:14 | 13.3, -87.94 | 2.8 m |
| 2024-07-21 01:59:22 | 35.4463, -3.6352 | 2.1 ml |
| 2024-07-21 01:53:33 | 28.1364, -16.1367 | 2.2 ml |
| 2024-07-21 01:44:19 | 38.0706, 36.5403 | 1.6 ml |
| 2024-07-21 01:40:48 | 36.6133, 36.2631 | 1.5 ml |
| 2024-07-21 01:40:37 | 46.2808, 7.2638 | 0.7 ml |
| 2024-07-21 01:37:33 | 38.2742, 38.7336 | 1.0 ml |
| 2024-07-21 01:34:29 | 39.5251, -2.4858 | 1.6 ml |
| 2024-07-21 01:32:35 | 34.882, 32.5513 | 1.1 ml |
| 2024-07-21 01:24:20 | 40.75, 77.81 | 3.9 m |
| 2024-07-21 01:15:58 | 42.857, -1.2492 | 1.7 ml |
| 2024-07-21 01:12:14 | 36.232, 25.6302 | 2.9 ml |
| 2024-07-21 01:12:11 | 33.0794, 60.4552 | 4.4 mb |
| 2024-07-21 01:07:22 | 38.265, 38.7567 | 2.9 ml |
| 2024-07-21 00:46:50 | 40.3353, 43.2694 | 1.1 ml |
| 2024-07-21 00:44:14 | 34.8823, 32.5533 | 1.0 ml |
| 2024-07-21 00:41:22 | 38.2739, -0.9319 | 2.1 ml |
| 2024-07-21 00:35:55 | 38.2663, 38.7527 | 3.2 ml |
| 2024-07-21 00:28:59 | 37.9442, 36.4875 | 1.2 ml |
| 2024-07-21 00:23:18 | 36.36, 25.5 | 2.0 ml |
| 2024-07-21 00:15:48 | 38.5586, 38.0422 | 1.5 ml |
| 2024-07-21 00:13:59 | 40.75, 73.02 | 2.3 m |

Event Report For Earthquake 2024-07-21_30

Station: AM.R50D6 Issued At: 2024-09-02 22:12:57

Earthquake 2024-07-21_30 - Time: 2024-07-21 21:52:24 - Location: 28.10, -16.18 - Magnitude: 1.8 ml

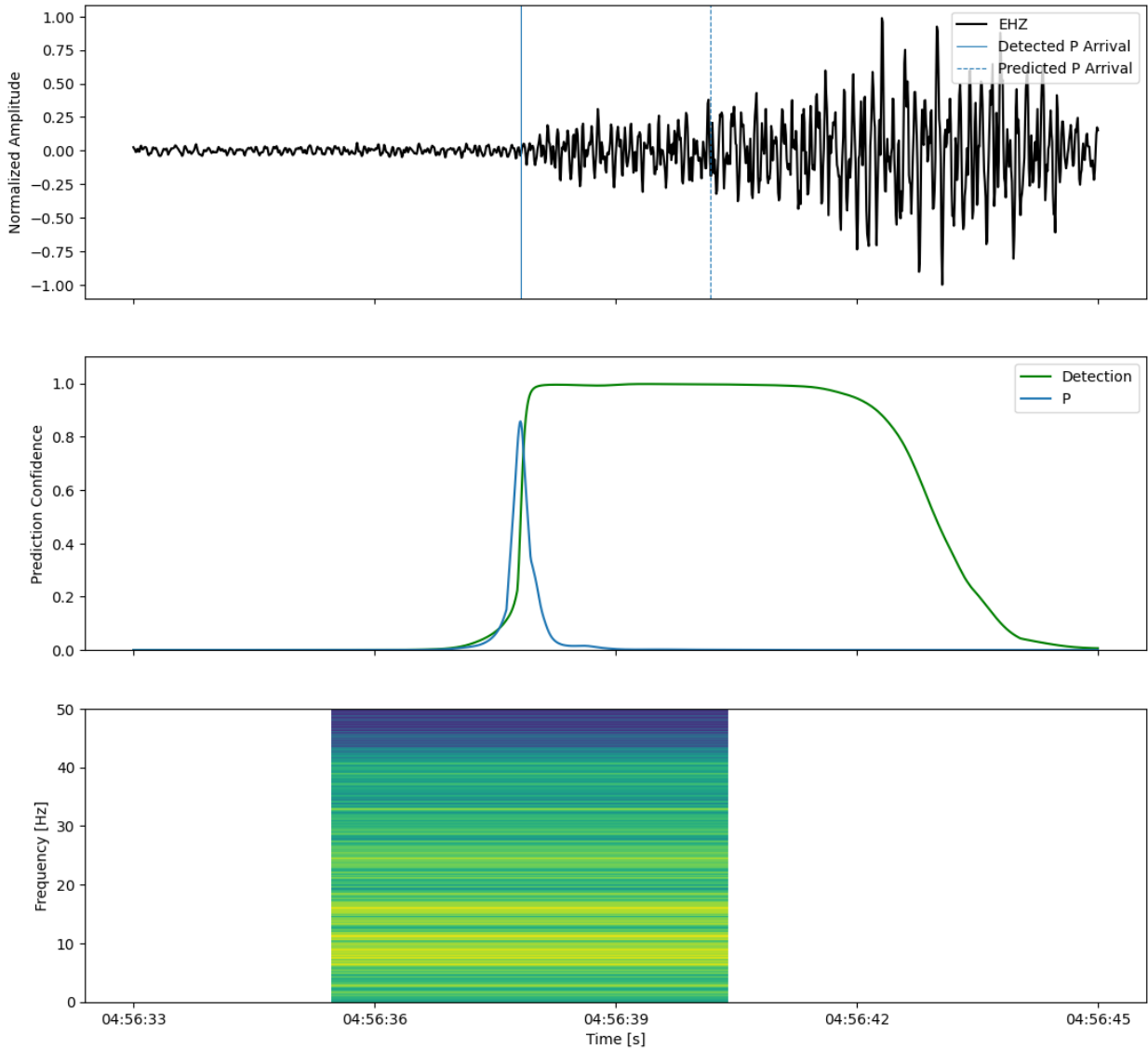


| | | | |
|----------------------|---------------------|----------------------|--|
| Time: | 2024-07-21 21:52:24 | Event ID: | 2024-07-21_30 |
| Latitude, Longitude: | 28.0992, -16.1788 | Epicentral Distance: | 3191.09 km |
| Provider: | EMSC | Resource ID: | quakeml:eu.emsc/event/20240721_0000246 |
| Depth: | 9.9 km | Magnitude: | 1.8 ml |
| P Predicted Time: | 2024-07-21 21:58:23 | P Detected Time: | 2024-07-21 21:58:26 |
| P Time Error: | 3.084819 | P Confidence: | 0.6383665204048157 |

Event Report For Earthquake 2024-07-21_159

Station: AM.R50D6 Issued At: 2024-09-02 22:12:57

Earthquake 2024-07-21_159 - Time: 2024-07-21 04:53:41 - Location: 42.77, -6.98 - Magnitude: 2.0 ml



| | | | |
|----------------------|---------------------|----------------------|--|
| Time: | 2024-07-21 04:53:41 | Event ID: | 2024-07-21_159 |
| Latitude, Longitude: | 42.7733, -6.9784 | Epicentral Distance: | 1390.30 km |
| Provider: | EMSC | Resource ID: | quakeml:eu.emsc/event/20240721_0000064 |
| Depth: | 16.2 km | Magnitude: | 2.0 ml |
| P Predicted Time: | 2024-07-21 04:56:40 | P Detected Time: | 2024-07-21 04:56:38 |
| P Time Error: | -2.455027 | P Confidence: | 0.8579801917076111 |