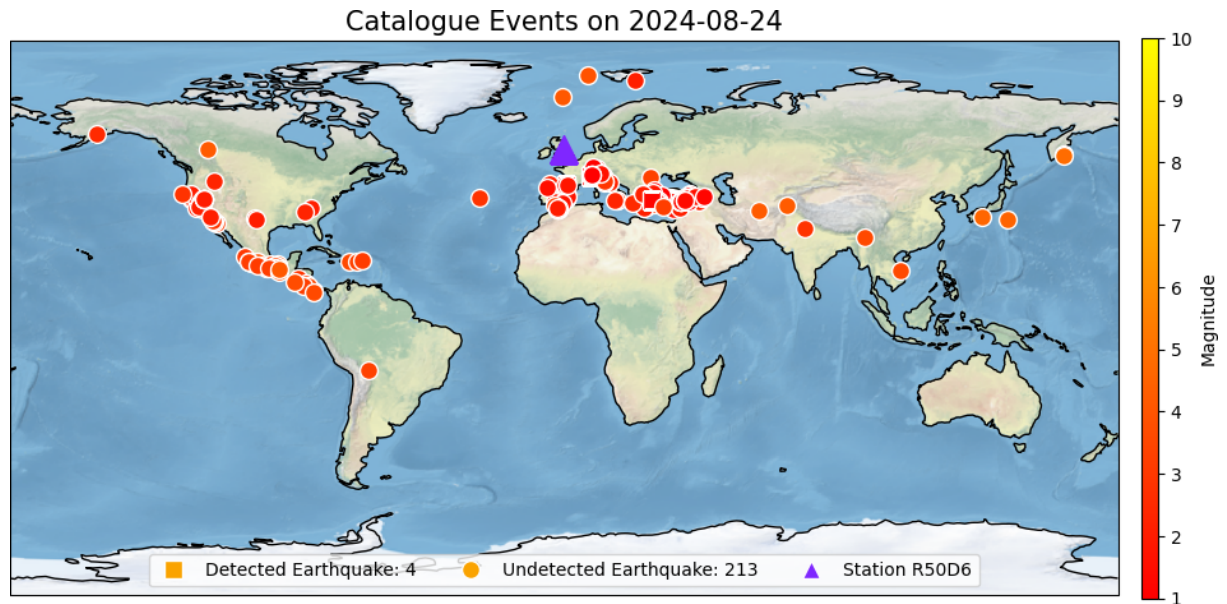


Earthquake Report for 2024-08-24

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

Catalogued Earthquake Plot



Detected and Catalogued Earthquakes

| Time | Location | Magnitude |
|---------------------|-------------------|-----------|
| 2024-08-24 23:58:13 | 32.444, -102.121 | 2.0 ml |
| 2024-08-24 23:47:07 | 37.9038, 36.2803 | 2.0 ml |
| 2024-08-24 23:45:29 | 46.4232, 7.4853 | 0.7 ml |
| 2024-08-24 23:34:42 | 31.886, -101.734 | 2.0 ml |
| 2024-08-24 23:31:11 | 37.6861, 29.1422 | 3.2 ml |
| 2024-08-24 23:31:09 | 48.196, 8.361 | 0.6 ml |
| 2024-08-24 23:20:22 | 35.0882, -119.063 | 2.1 ml |
| 2024-08-24 23:16:33 | 39.548, 24.0958 | 3.1 ml |
| 2024-08-24 23:15:53 | 37.2065, 35.8515 | 2.4 ml |
| 2024-08-24 23:14:47 | 37.0013, 33.7543 | 2.1 ml |
| 2024-08-24 22:52:29 | 43.0466, -0.7153 | 1.7 ml |
| 2024-08-24 22:45:10 | 37.9236, 36.3372 | 1.7 ml |
| 2024-08-24 22:44:28 | 45.8628, 6.9734 | 0.1 ml |
| 2024-08-24 22:40:25 | 37.7742, -4.6136 | 1.8 ml |
| 2024-08-24 22:37:48 | 16.05, -98.4 | 3.7 m |

| | | |
|---------------------|--------------------|--------|
| 2024-08-24 22:23:31 | 36.0496, -2.9116 | 1.9 ml |
| 2024-08-24 22:22:40 | 17.64, -97.15 | 3.2 m |
| 2024-08-24 22:20:12 | 18.06, -103.28 | 4.0 m |
| 2024-08-24 22:18:56 | 46.4226, 7.4858 | 0.7 ml |
| 2024-08-24 22:15:46 | 45.8582, 11.0071 | 0.7 ml |
| 2024-08-24 22:03:01 | 35.4793, -3.5187 | 1.6 ml |
| 2024-08-24 22:02:04 | 16.71, -96.27 | 3.6 m |
| 2024-08-24 21:59:18 | 38.0114, 36.5758 | 1.1 ml |
| 2024-08-24 21:58:40 | 45.8182, 11.0083 | 0.9 ml |
| 2024-08-24 21:29:52 | 45.8182, 11.0083 | 0.7 ml |
| 2024-08-24 21:28:01 | 46.2336, 7.1723 | 0.2 ml |
| 2024-08-24 21:24:23 | 46.327, 7.3828 | 0.9 ml |
| 2024-08-24 21:18:16 | 38.6797, -118.5813 | 2.3 ml |
| 2024-08-24 21:13:25 | 37.8197, 29.7197 | 1.6 ml |
| 2024-08-24 21:08:27 | 37.9739, 27.1061 | 2.0 ml |
| 2024-08-24 21:05:28 | 32.0474, 142.5871 | 4.5 mb |
| 2024-08-24 21:04:13 | 18.1, -103.41 | 3.6 m |
| 2024-08-24 20:59:40 | 38.6434, -0.6434 | 1.6 ml |
| 2024-08-24 20:58:50 | 15.279, 107.678 | 3.6 m |
| 2024-08-24 20:57:16 | 38.6345, -0.6791 | 2.2 ml |
| 2024-08-24 20:52:24 | 37.8694, 36.3042 | 2.7 ml |
| 2024-08-24 20:46:28 | 37.5655, 42.479 | 2.2 ml |
| 2024-08-24 20:45:12 | 20.02, -105.29 | 3.0 m |
| 2024-08-24 20:41:37 | 40.26, 24.18 | 2.0 ml |
| 2024-08-24 20:37:41 | 37.8748, 36.3455 | 2.2 ml |
| 2024-08-24 20:28:03 | 17.26, -94.72 | 3.5 m |
| 2024-08-24 20:26:25 | 37.89, 23.93 | 2.0 ml |
| 2024-08-24 20:23:16 | 35.856, -83.5777 | 2.1 md |
| 2024-08-24 20:22:02 | 35.4464, -3.4523 | 1.7 ml |
| 2024-08-24 20:06:23 | 12.87, -87.93 | 2.9 m |
| 2024-08-24 20:03:20 | 39.465, -0.235 | 1.7 ml |
| 2024-08-24 19:59:08 | 40.29, 24.1 | 2.0 ml |
| 2024-08-24 19:54:26 | 40.2827, 24.1319 | 4.3 mb |
| 2024-08-24 19:09:52 | 38.0103, 37.5342 | 1.6 ml |
| 2024-08-24 19:09:03 | 15.45, -94.66 | 3.3 m |
| 2024-08-24 19:06:53 | 37.2262, 36.7997 | 2.1 ml |
| 2024-08-24 18:59:17 | 18.39, -71.34 | 3.6 m |
| 2024-08-24 18:50:48 | 37.8075, 36.2092 | 1.2 ml |

| | | |
|---------------------|--------------------|--------|
| 2024-08-24 18:49:07 | 36.6938, 71.0665 | 4.2 mb |
| 2024-08-24 18:42:34 | 43.6592, -6.211 | 2.1 ml |
| 2024-08-24 18:41:20 | 45.8182, 11.0083 | 0.7 ml |
| 2024-08-24 18:38:17 | 18.39, -101.19 | 3.9 m |
| 2024-08-24 18:31:10 | 37.8064, 36.1972 | 1.4 ml |
| 2024-08-24 18:13:34 | 43.1114, -1.1685 | 1.5 ml |
| 2024-08-24 17:59:09 | 38.8043, -122.779 | 2.0 md |
| 2024-08-24 17:30:12 | 37.285, -2.2088 | 1.7 ml |
| 2024-08-24 17:25:42 | 15.37, -94.6 | 3.5 m |
| 2024-08-24 17:12:45 | 45.6592, 26.5364 | 3.3 ml |
| 2024-08-24 17:09:30 | 8.916, -82.893 | 3.1 m |
| 2024-08-24 16:58:43 | 37.8639, 36.2903 | 1.9 ml |
| 2024-08-24 16:52:20 | 37.9958, 15.9138 | 2.6 ml |
| 2024-08-24 16:43:30 | 11.039, -85.484 | 3.0 m |
| 2024-08-24 16:40:05 | 16.82, -94.39 | 3.5 m |
| 2024-08-24 16:26:28 | 44.4063, -115.2093 | 2.3 ml |
| 2024-08-24 16:20:00 | 42.4018, -6.9267 | 1.5 ml |
| 2024-08-24 16:18:37 | 16.85, -100.28 | 3.1 m |
| 2024-08-24 15:29:17 | 37.54, 22.05 | 2.2 ml |
| 2024-08-24 15:15:39 | 45.8625, 11.3517 | 0.8 ml |
| 2024-08-24 15:11:35 | -16.951, -65.204 | 3.3 m |
| 2024-08-24 15:04:01 | 39.1231, 32.9822 | 1.5 ml |
| 2024-08-24 14:53:14 | 52.9041, 160.7612 | 4.7 mb |
| 2024-08-24 14:51:42 | 38.7001, -118.8289 | 2.1 ml |
| 2024-08-24 14:26:39 | 37.4536, 37.1353 | 1.3 ml |
| 2024-08-24 14:08:03 | 32.9882, -116.328 | 2.7 ml |
| 2024-08-24 14:07:37 | 37.4972, 26.8731 | 1.6 ml |
| 2024-08-24 14:05:18 | 38.684, -118.5554 | 3.3 ml |
| 2024-08-24 14:04:30 | 10.228, -84.656 | 3.5 m |
| 2024-08-24 14:01:18 | 38.6856, -118.5691 | 2.4 ml |
| 2024-08-24 13:57:04 | 38.6804, -118.5554 | 3.2 ml |
| 2024-08-24 13:21:24 | 38.8839, 43.5933 | 2.5 ml |
| 2024-08-24 13:17:44 | 43.9185, 13.3493 | 2.2 ml |
| 2024-08-24 13:05:37 | 38.9136, 43.5422 | 2.1 ml |
| 2024-08-24 12:53:49 | 38.8153, -122.795 | 2.2 md |
| 2024-08-24 12:50:11 | 54.5713, -117.2549 | 4.2 mb |
| 2024-08-24 12:38:06 | 35.4089, -3.5491 | 1.9 ml |
| 2024-08-24 12:05:45 | 37.4244, 37.1864 | 2.2 ml |

| | | |
|---------------------|--------------------|--------|
| 2024-08-24 11:54:02 | 38.7094, -118.6872 | 2.0 ml |
| 2024-08-24 11:38:59 | 41.6667, 27.7831 | 0.9 ml |
| 2024-08-24 11:36:55 | 44.2038, 11.5762 | 2.5 ml |
| 2024-08-24 11:34:43 | 44.1903, 11.5667 | 3.2 ml |
| 2024-08-24 11:24:40 | 48.404, 9.036 | 0.8 ml |
| 2024-08-24 11:13:52 | 36.4, 25.39 | 2.2 ml |
| 2024-08-24 11:04:47 | 36.1766, 25.41 | 3.2 ml |
| 2024-08-24 10:58:10 | 77.31, 21.437 | 2.1 ml |
| 2024-08-24 10:56:48 | 47.5903, 8.9719 | 1.4 ml |
| 2024-08-24 10:48:30 | 38.2414, 28.4381 | 1.0 ml |
| 2024-08-24 10:46:55 | 35.8987, -121.2387 | 2.0 md |
| 2024-08-24 10:45:14 | 36.3324, -4.5709 | 3.3 mb |
| 2024-08-24 10:33:19 | 71.777, -2.121 | 4.1 m |
| 2024-08-24 10:31:36 | 38.3978, 37.5333 | 2.2 ml |
| 2024-08-24 10:28:44 | 46.424, 7.4848 | 1.4 ml |
| 2024-08-24 10:28:05 | 26.05, 96.12 | 3.6 m |
| 2024-08-24 10:28:04 | 39.7244, 28.7658 | 1.6 ml |
| 2024-08-24 10:25:26 | 16.34, -97.84 | 3.4 m |
| 2024-08-24 10:13:24 | 16.37, -94.85 | 3.3 m |
| 2024-08-24 10:12:20 | 39.8672, 28.8669 | 1.7 ml |
| 2024-08-24 10:03:32 | 17.19, -95.22 | 3.4 m |
| 2024-08-24 09:56:50 | 18.441, -68.996 | 3.3 m |
| 2024-08-24 09:55:25 | 38.1347, 32.7197 | 1.3 ml |
| 2024-08-24 09:51:53 | 40.222, -122.8263 | 2.0 md |
| 2024-08-24 09:40:04 | 48.887, 7.949 | 0.9 ml |
| 2024-08-24 09:21:19 | 18.41, -104.01 | 3.2 m |
| 2024-08-24 09:19:51 | 38.0512, 36.6708 | 2.0 ml |
| 2024-08-24 09:04:42 | 39.7522, 30.1717 | 0.9 ml |
| 2024-08-24 09:01:51 | 18.22, -103.89 | 3.2 m |
| 2024-08-24 08:55:24 | 17.12, -101.27 | 3.1 m |
| 2024-08-24 08:54:59 | 30.75, -114.3 | 3.2 m |
| 2024-08-24 08:54:43 | 59.8204, -153.3513 | 2.5 ml |
| 2024-08-24 08:52:08 | 37.8506, 36.2942 | 3.0 ml |
| 2024-08-24 08:39:04 | 16.14, -95.45 | 3.3 m |
| 2024-08-24 08:34:41 | 38.578, 38.1038 | 2.4 ml |
| 2024-08-24 08:26:09 | 40.3781, 39.2694 | 1.6 ml |
| 2024-08-24 08:23:59 | 10.27, -86.03 | 3.2 m |
| 2024-08-24 08:23:06 | 35.16, 33.8527 | 1.6 ml |

| | | |
|---------------------|--------------------|--------|
| 2024-08-24 08:18:58 | 31.31, -115.43 | 3.1 m |
| 2024-08-24 08:15:49 | 31.37, -115.48 | 3.1 m |
| 2024-08-24 08:14:54 | 16.03, -97.58 | 3.2 m |
| 2024-08-24 08:11:59 | 37.8544, 29.4039 | 1.7 ml |
| 2024-08-24 08:06:09 | 31.51, -115.62 | 3.2 m |
| 2024-08-24 07:56:32 | 29.27, 76.71 | 2.8 m |
| 2024-08-24 07:48:14 | 38.6816, -118.5597 | 2.2 ml |
| 2024-08-24 07:48:00 | 38.996, -29.059 | 2.8 ml |
| 2024-08-24 07:42:14 | 34.92, 61.81 | 4.2 mb |
| 2024-08-24 07:35:20 | 38.6678, -118.5554 | 2.5 ml |
| 2024-08-24 07:30:40 | 31.49, -115.6157 | 2.9 m |
| 2024-08-24 07:25:42 | 36.9918, 27.893 | 3.1 ml |
| 2024-08-24 07:14:02 | 37.85, 36.2828 | 2.8 ml |
| 2024-08-24 07:08:39 | 37.8503, 36.2905 | 2.1 ml |
| 2024-08-24 07:05:34 | 11.7, -89.04 | 3.7 m |
| 2024-08-24 07:04:32 | 37.8542, 36.2928 | 3.0 ml |
| 2024-08-24 06:58:52 | 37.3868, -119.978 | 2.2 md |
| 2024-08-24 06:57:06 | 37.4088, -119.9915 | 2.4 md |
| 2024-08-24 06:47:38 | 38.0936, 38.4169 | 2.3 ml |
| 2024-08-24 06:44:20 | 14.87, -94.18 | 3.7 m |
| 2024-08-24 06:23:08 | 35.5339, -3.4956 | 1.9 ml |
| 2024-08-24 05:56:33 | 38.7097, -118.7718 | 2.1 ml |
| 2024-08-24 05:51:14 | 43.0322, -0.6018 | 1.8 ml |
| 2024-08-24 05:47:21 | 40.7939, 27.4617 | 1.8 ml |
| 2024-08-24 05:46:18 | 40.0431, 38.9956 | 0.9 ml |
| 2024-08-24 05:35:30 | 35.74, 24.6 | 2.1 ml |
| 2024-08-24 05:35:19 | 34.5843, -85.984 | 2.3 md |
| 2024-08-24 05:24:55 | 36.0782, -120.1703 | 2.1 md |
| 2024-08-24 05:05:24 | 38.2567, 38.1569 | 1.4 ml |
| 2024-08-24 04:57:26 | 38.2213, 15.8662 | 2.7 ml |
| 2024-08-24 04:52:30 | 8.538, -82.911 | 3.6 m |
| 2024-08-24 04:51:41 | 39.12, 25.79 | 2.1 ml |
| 2024-08-24 04:49:09 | 15.81, -94.19 | 4.1 m |
| 2024-08-24 04:41:35 | 39.79, 23.8 | 2.5 ml |
| 2024-08-24 04:39:47 | 39.819, 23.7405 | 3.7 ml |
| 2024-08-24 04:35:36 | 44.2062, 11.5532 | 2.9 ml |
| 2024-08-24 04:25:09 | 38.6889, -118.5599 | 2.0 ml |
| 2024-08-24 04:24:13 | 36.3327, 36.2871 | 2.4 ml |

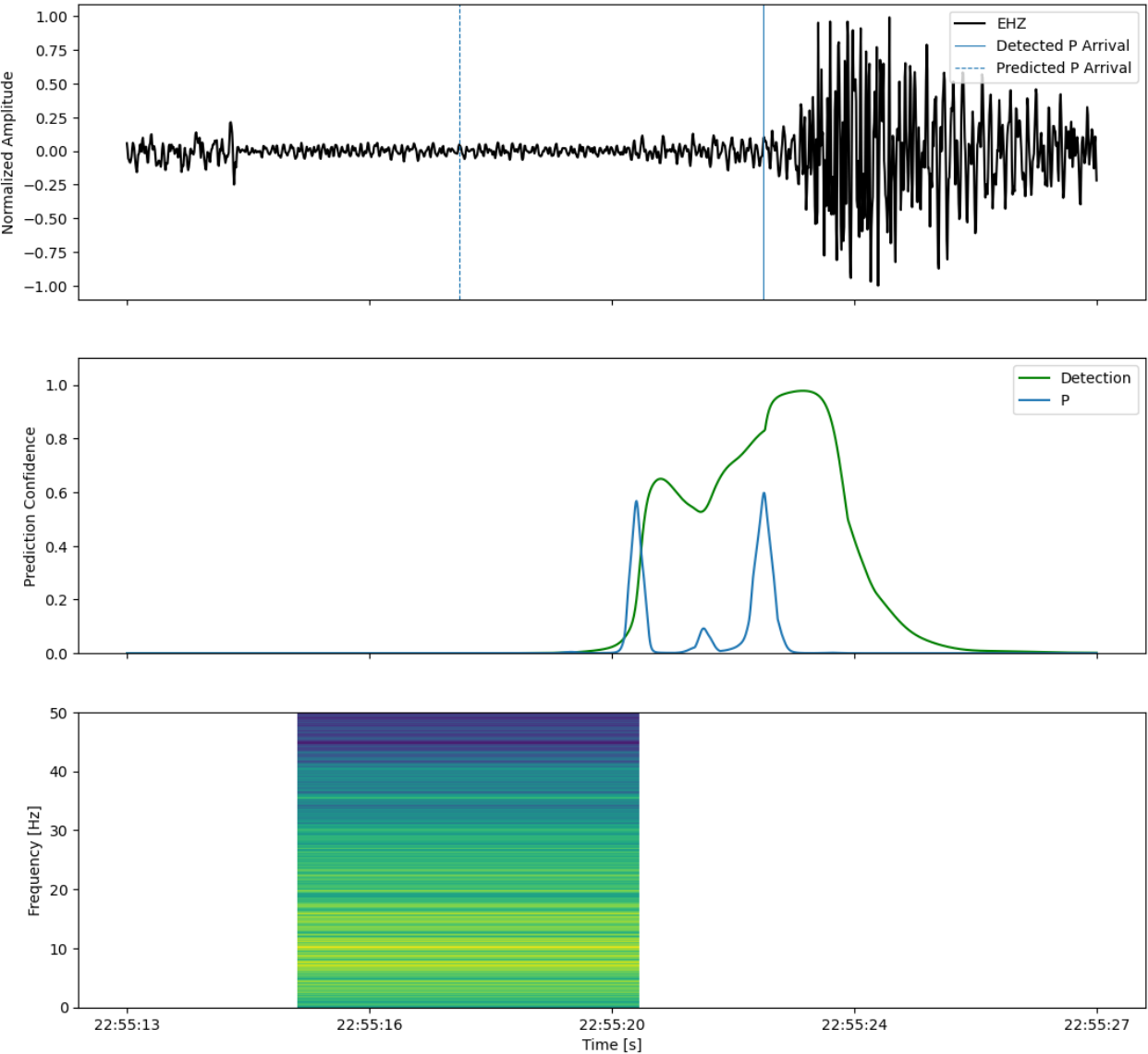
| | | |
|---------------------|--------------------|--------|
| 2024-08-24 04:22:04 | 38.26, 38.7744 | 1.7 ml |
| 2024-08-24 04:19:18 | 38.6729, -118.5626 | 2.7 ml |
| 2024-08-24 04:19:12 | 35.7363, 36.1217 | 2.1 ml |
| 2024-08-24 04:15:53 | 37.6386, 35.8675 | 1.1 ml |
| 2024-08-24 04:14:00 | 38.6734, -118.5579 | 3.2 ml |
| 2024-08-24 04:12:31 | 46.5959, 8.3587 | 0.2 ml |
| 2024-08-24 04:01:02 | 38.2112, 38.6155 | 1.9 ml |
| 2024-08-24 03:55:25 | 38.4019, 37.3367 | 1.5 ml |
| 2024-08-24 03:53:17 | 38.121, 15.1168 | 2.3 ml |
| 2024-08-24 03:50:30 | 39.87, 23.43 | 2.4 ml |
| 2024-08-24 03:42:49 | 46.4413, 7.4127 | 1.1 ml |
| 2024-08-24 03:26:26 | 38.0383, 29.1756 | 1.2 ml |
| 2024-08-24 03:17:27 | 37.9098, 36.5075 | 2.0 ml |
| 2024-08-24 03:15:03 | 46.4318, 7.4656 | 0.7 ml |
| 2024-08-24 03:11:03 | 38.3017, 38.8043 | 2.6 ml |
| 2024-08-24 03:07:36 | 37.3828, 20.6226 | 2.5 ml |
| 2024-08-24 03:06:50 | 37.8589, 36.2978 | 1.8 ml |
| 2024-08-24 03:03:05 | 37.8531, 36.2972 | 2.9 ml |
| 2024-08-24 02:59:08 | 40.28, 24.13 | 2.1 ml |
| 2024-08-24 02:58:29 | 37.9222, 28.7483 | 1.6 ml |
| 2024-08-24 02:56:57 | 37.92, 28.7844 | 1.5 ml |
| 2024-08-24 02:41:29 | 78.6759, 6.4059 | 3.9 mb |
| 2024-08-24 02:29:27 | 38.6834, -118.5589 | 2.5 ml |
| 2024-08-24 02:15:58 | 38.2436, 37.7747 | 1.1 ml |
| 2024-08-24 02:02:29 | 38.6651, -118.5586 | 2.0 ml |
| 2024-08-24 01:53:02 | 35.4186, -3.6253 | 1.9 ml |
| 2024-08-24 01:43:36 | 37.6869, 38.8364 | 1.0 ml |
| 2024-08-24 01:41:34 | 39.5756, 40.1892 | 1.4 ml |
| 2024-08-24 01:39:31 | 37.8533, 36.2908 | 1.6 ml |
| 2024-08-24 01:31:26 | 46.7125, 10.2287 | 1.6 ml |
| 2024-08-24 01:29:47 | 46.4407, 7.4099 | 0.2 ml |
| 2024-08-24 01:23:54 | 38.8383, 37.4617 | 1.9 ml |
| 2024-08-24 01:15:52 | 46.4418, 7.4115 | 0.7 ml |
| 2024-08-24 01:09:26 | 18.6493, -67.3038 | 3.1 md |
| 2024-08-24 01:07:59 | 38.0211, 27.0936 | 1.2 ml |
| 2024-08-24 01:04:34 | 38.7903, 37.4883 | 1.4 ml |
| 2024-08-24 01:03:16 | 37.8767, 36.3186 | 1.4 ml |
| 2024-08-24 00:57:15 | 46.4338, 7.4451 | 0.7 ml |

| | | |
|---------------------|--------------------|--------|
| 2024-08-24 00:54:42 | 38.3814, 37.5944 | 1.0 ml |
| 2024-08-24 00:49:57 | 35.535, -3.5953 | 2.0 ml |
| 2024-08-24 00:32:39 | 32.8983, 134.3159 | 4.6 mb |
| 2024-08-24 00:30:13 | 38.9894, 38.6378 | 1.1 ml |
| 2024-08-24 00:29:58 | 39.3447, 41.1733 | 1.6 ml |
| 2024-08-24 00:25:54 | 40.4639, -125.5453 | 2.8 md |
| 2024-08-24 00:22:37 | 32.9777, -116.4433 | 2.1 ml |
| 2024-08-24 00:18:44 | 39.3236, 43.7419 | 1.2 ml |
| 2024-08-24 00:13:26 | 38.1383, 37.9056 | 1.9 ml |
| 2024-08-24 00:10:36 | 35.9163, 30.652 | 3.2 ml |
| 2024-08-23 23:59:43 | 38.0494, 37.6839 | 1.4 ml |
| 2024-08-23 23:57:53 | 52.854, 160.7693 | 4.8 mb |

Event Report For Earthquake 2024-08-24_87

Station: AM.R50D6 Issued At: 2024-08-31 03:36:56

Earthquake 2024-08-24_87 - Time: 2024-08-24 22:52:29 - Location: 43.05, -0.72 - Magnitude: 1.7 ml

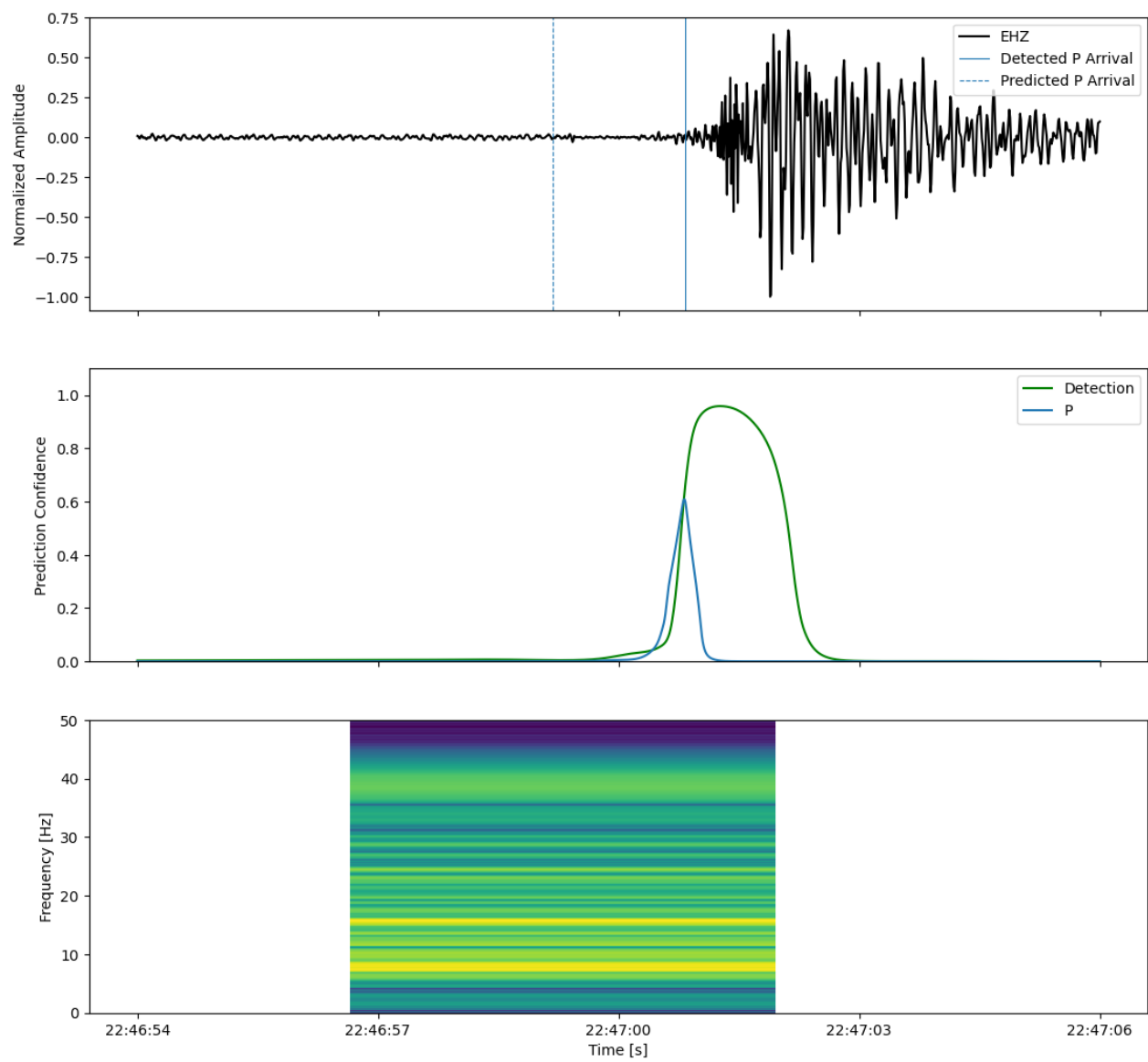


| | | | |
|----------------------|---------------------|----------------------|--|
| Time: | 2024-08-24 22:52:29 | Event ID: | 2024-08-24_87 |
| Latitude, Longitude: | 43.0466, -0.7153 | Epicentral Distance: | 1304.55 km |
| Provider: | EMSC | Resource ID: | quakeml:eu.emsc/event/20240824_0000267 |
| Depth: | 0.0 km | Magnitude: | 1.7 ml |
| P Predicted Time: | 2024-08-24 22:55:18 | P Detected Time: | 2024-08-24 22:55:22 |
| P Time Error: | 4.562469 | P Confidence: | 0.5975421667098999 |

Event Report For Earthquake 2024-08-24_89

Station: AM.R50D6 Issued At: 2024-08-31 03:36:56

Earthquake 2024-08-24_89 - Time: 2024-08-24 22:44:28 - Location: 45.86, 6.97 - Magnitude: 0.1 ml

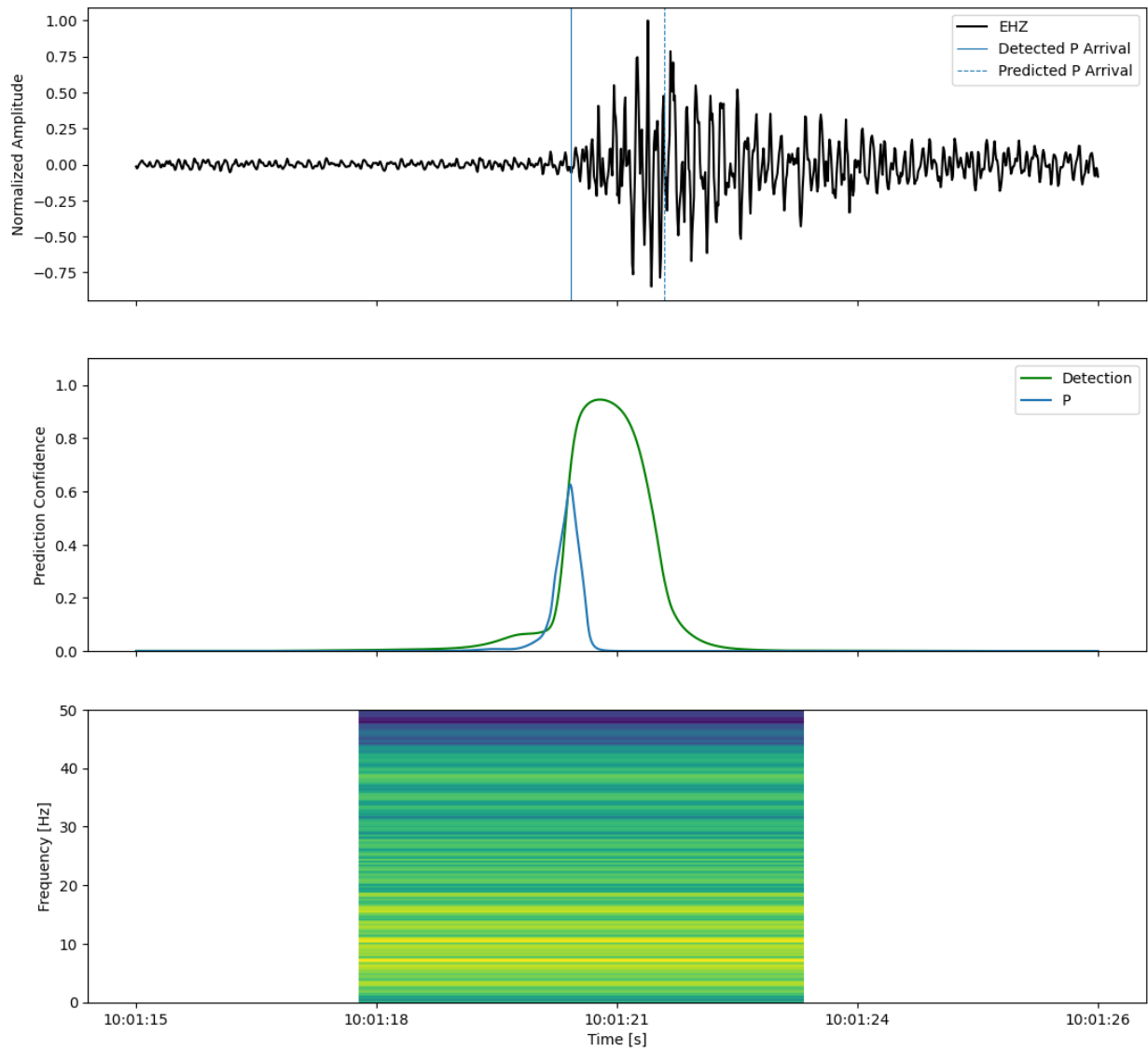


| | | | |
|----------------------|---------------------|----------------------|--|
| Time: | 2024-08-24 22:44:28 | Event ID: | 2024-08-24_89 |
| Latitude, Longitude: | 45.8628, 6.9734 | Epicentral Distance: | 1158.86 km |
| Provider: | EMSC | Resource ID: | quakeml:eu.emsc/event/20240824_0000285 |
| Depth: | 0.7 km | Magnitude: | 0.1 ml |
| P Predicted Time: | 2024-08-24 22:46:59 | P Detected Time: | 2024-08-24 22:47:01 |
| P Time Error: | 1.588852 | P Confidence: | 0.609441339969635 |

Event Report For Earthquake 2024-08-24_190

Station: AM.R50D6 Issued At: 2024-08-31 03:36:56

Earthquake 2024-08-24_190 - Time: 2024-08-24 09:55:25 - Location: 38.13, 32.72 - Magnitude: 1.3 ml

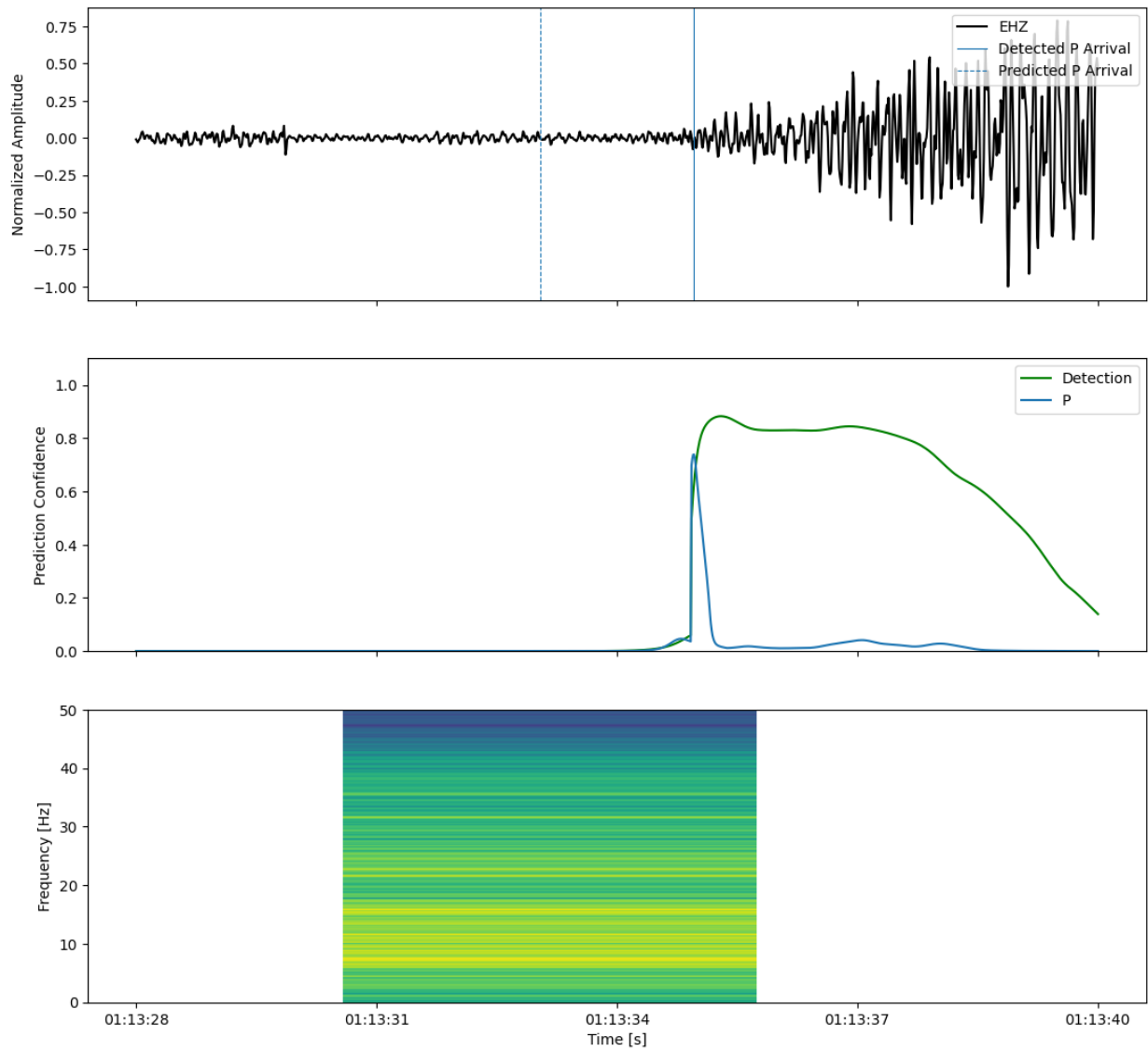


| | | | |
|----------------------|---------------------|----------------------|--|
| Time: | 2024-08-24 09:55:25 | Event ID: | 2024-08-24_190 |
| Latitude, Longitude: | 38.1347, 32.7197 | Epicentral Distance: | 3162.11 km |
| Provider: | EMSC | Resource ID: | quakeml:eu.emsc/event/20240824_0000139 |
| Depth: | 5.5 km | Magnitude: | 1.3 ml |
| P Predicted Time: | 2024-08-24 10:01:21 | P Detected Time: | 2024-08-24 10:01:20 |
| P Time Error: | -1.072848 | P Confidence: | 0.6259653568267822 |

Event Report For Earthquake 2024-08-24_278

Station: AM.R50D6 Issued At: 2024-08-31 03:36:56

Earthquake 2024-08-24_278 - Time: 2024-08-24 01:07:59 - Location: 38.02, 27.09 - Magnitude: 1.2 ml



| | | | |
|----------------------|---------------------|----------------------|--|
| Time: | 2024-08-24 01:07:59 | Event ID: | 2024-08-24_278 |
| Latitude, Longitude: | 38.0211, 27.0936 | Epicentral Distance: | 2845.11 km |
| Provider: | EMSC | Resource ID: | quakeml:eu.emsc/event/20240824_0000022 |
| Depth: | 10.7 km | Magnitude: | 1.2 ml |
| P Predicted Time: | 2024-08-24 01:13:33 | P Detected Time: | 2024-08-24 01:13:35 |
| P Time Error: | 1.903034 | P Confidence: | 0.7390670776367188 |