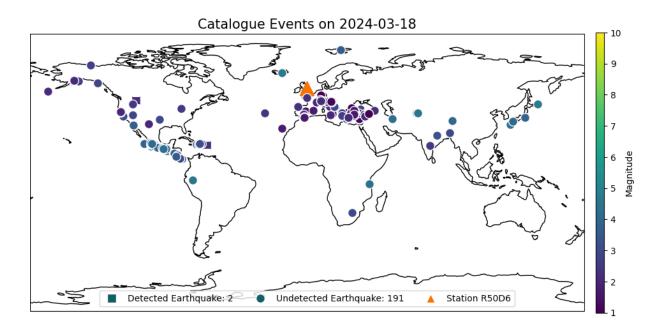
# **Earthquake Report for 2024-03-18**

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

Yes

## **Catalogued Earthquake Plot**



## **Detected and Catalogued Earthquakes**

| Time                | Location           | Magnitude |
|---------------------|--------------------|-----------|
| 2024-03-19 00:01:29 | 17.9447, -66.9203  | 2.4 md    |
| 2024-03-19 00:01:23 | 31.584, -104.534   | 2.0 ml    |
| 2024-03-19 00:00:45 | 57.9983, -137.5938 | 2.8 m     |
| 2024-03-18 23:57:26 | 36.6242, -121.235  | 3.1 ml    |
| 2024-03-18 23:41:55 | 38.73, -29.148     | 2.4 ml    |
| 2024-03-18 23:40:53 | -4.7954, -75.829   | 4.5 m     |
| 2024-03-18 23:32:55 | 38.9114, 20.6406   | 2.4 ml    |
| 2024-03-18 23:31:07 | 59.6046, -153.4496 | 2.1 ml    |
| 2024-03-18 23:15:28 | 38.3672, 37.4733   | 1.5 ml    |
| 2024-03-18 23:14:38 | 39.6768, -2.6562   | 1.7 ml    |
| 2024-03-18 23:11:41 | 37.1825, -114.9839 | 2.9 ml    |
| 2024-03-18 23:05:02 | 18.085, -67.9348   | 3.5 md    |
| 2024-03-18 22:51:59 | 14.97, -92.31      | 3.7 m     |
| 2024-03-18 22:47:11 | 37.8983, 36.4544   | 1.1 ml    |
| 2024-03-18 22:30:52 | 42.8241, -7.4108   | 2.3 ml    |

| 2024-03-18 22:14:39 | 30.57, -114.06    | 3.5 m  |
|---------------------|-------------------|--------|
| 2024-03-18 22:07:33 | 46.1665, 7.0618   | 0.7 ml |
| 2024-03-18 22:02:51 | 15.66, -96.44     | 4.0 m  |
| 2024-03-18 21:59:58 | 17.22, -100.15    | 3.8 m  |
| 2024-03-18 21:57:43 | 35.4602, -3.6352  | 1.6 ml |
| 2024-03-18 21:49:12 | 16.11, -95.38     | 3.6 m  |
| 2024-03-18 21:45:23 | 28.6277, -17.9441 | 1.7 ml |
| 2024-03-18 21:45:05 | 49.999, 8.555     | 0.9 ml |
| 2024-03-18 21:40:24 | 17.11, -94.91     | 3.8 m  |
| 2024-03-18 21:34:57 | 79.6004, 20.2729  | 3.6 mb |
| 2024-03-18 21:33:59 | 44.6242, 10.2203  | 2.1 ml |
| 2024-03-18 21:25:02 | 38.2047, 38.6247  | 1.3 ml |
| 2024-03-18 21:04:00 | 38.1168, 14.7538  | 2.1 ml |
| 2024-03-18 20:58:09 | 41.5491, -83.4689 | 2.5 ml |
| 2024-03-18 20:48:51 | 38.2239, 38.1011  | 1.0 ml |
| 2024-03-18 20:47:24 | 37.1108, 29.4433  | 1.2 ml |
| 2024-03-18 20:36:04 | 45.92, 15.02      | 1.4 ml |
| 2024-03-18 20:26:41 | 38.0681, 38.5008  | 1.0 ml |
| 2024-03-18 20:24:36 | 19.31, -103.85    | 3.4 m  |
| 2024-03-18 20:23:26 | 34.7182, 53.7248  | 4.3 mb |
| 2024-03-18 20:20:11 | 38.4075, 31.7639  | 1.0 ml |
| 2024-03-18 20:07:01 | 69.788, -142.0801 | 2.7 ml |
| 2024-03-18 19:27:19 | 40.4127, 28.8393  | 2.3 ml |
| 2024-03-18 19:20:36 | 38.1103, 38.3372  | 1.5 ml |
| 2024-03-18 19:14:18 | 39.3278, 40.1017  | 2.1 ml |
| 2024-03-18 19:12:42 | 14.32, -92.29     | 3.6 m  |
| 2024-03-18 18:56:05 | 30.72, -114.3     | 3.8 m  |
| 2024-03-18 18:51:55 | 19.47, -104.1     | 3.4 m  |
| 2024-03-18 18:37:36 | 17.05, -102.7     | 3.8 m  |
| 2024-03-18 18:26:15 | 34.7524, 24.2044  | 4.0 mb |
| 2024-03-18 18:23:40 | 12.02, -86.17     | 2.5 m  |
| 2024-03-18 18:23:38 | 18.6, -107.35     | 3.8 m  |
| 2024-03-18 17:46:31 | 44.201, 148.348   | 4.7 mb |
| 2024-03-18 17:46:19 | 8.9576, -82.4681  | 2.7 m  |
| 2024-03-18 17:36:38 | 15.93, -92.7      | 3.7 m  |
| 2024-03-18 17:36:04 | 35.5576, -3.6392  | 1.8 ml |
| 2024-03-18 17:33:20 | 40.4625, 33.5175  | 1.4 ml |
| 2024-03-18 17:20:01 | 11.5, -86.34      | 3.7 m  |

| 2024-03-18 17:18:21 | 46.1404, 11.1721   | 1.1 ml |
|---------------------|--------------------|--------|
| 2024-03-18 17:15:08 | 40.7639, 31.0261   | 1.2 ml |
| 2024-03-18 17:10:55 | 59.5203, -150.0417 | 2.6 ml |
| 2024-03-18 17:10:10 | 46.6434, 9.8722    | 0.9 ml |
| 2024-03-18 17:07:51 | 37.0289, 29.0211   | 1.4 ml |
| 2024-03-18 16:56:33 | 35.78, 25.38       | 2.0 ml |
| 2024-03-18 16:50:33 | 46.1404, 11.1721   | 0.8 ml |
| 2024-03-18 16:44:59 | 12.61, -88.21      | 3.1 m  |
| 2024-03-18 16:39:39 | 11.54, -87.53      | 3.0 m  |
| 2024-03-18 16:32:07 | 41.1047, 33.1614   | 2.8 ml |
| 2024-03-18 16:27:46 | 46.3993, 8.5334    | 1.2 ml |
| 2024-03-18 16:19:50 | 42.8175, 13.4043   | 2.1 ml |
| 2024-03-18 16:18:08 | 38.8381, 37.3925   | 1.4 ml |
| 2024-03-18 16:16:24 | 46.1404, 11.1721   | 0.7 ml |
| 2024-03-18 16:12:50 | 50.131, 7.332      | 0.8 ml |
| 2024-03-18 16:12:33 | 31.308, 130.5627   | 4.4 mb |
| 2024-03-18 15:52:47 | 46.3912, 8.5057    | 3.1 ml |
| 2024-03-18 15:36:17 | 46.931, -112.6592  | 2.1 ml |
| 2024-03-18 15:29:08 | 8.5892, -82.8457   | 3.1 m  |
| 2024-03-18 14:58:19 | 39.7681, 41.8819   | 1.6 ml |
| 2024-03-18 14:51:06 | 17.9407, -66.8503  | 2.3 md |
| 2024-03-18 14:38:50 | 37.6019, 38.4994   | 1.6 ml |
| 2024-03-18 14:05:30 | 9.668, -85.109     | 3.1 m  |
| 2024-03-18 13:42:19 | 38.4398, 37.3992   | 1.8 ml |
| 2024-03-18 13:36:37 | 38.2564, 38.1964   | 1.1 ml |
| 2024-03-18 13:14:23 | -7.2334, 38.7508   | 4.4 mb |
| 2024-03-18 12:55:11 | 42.5862, 16.2788   | 2.9 ml |
| 2024-03-18 12:44:06 | 17.55, 78.21       | 2.5 m  |
| 2024-03-18 12:36:32 | 38.3894, 37.4389   | 1.2 ml |
| 2024-03-18 12:33:48 | 34.4173, 32.1932   | 1.3 ml |
| 2024-03-18 12:15:21 | 35.76, 25.48       | 2.6 ml |
| 2024-03-18 12:14:14 | 47.3649, 6.9142    | 0.4 ml |
| 2024-03-18 12:11:49 | 25.81, 91.26       | 3.0 m  |
| 2024-03-18 12:07:33 | 36.6055, -4.446    | 1.9 ml |
| 2024-03-18 12:06:08 | 35.76, 25.54       | 2.3 ml |
| 2024-03-18 11:53:11 | 37.7883, 36.4894   | 1.4 ml |
| 2024-03-18 11:44:51 | 34.7605, 32.4852   | 1.1 ml |
| 2024-03-18 11:29:22 | 38.2683, 38.2864   | 1.1 ml |

| 2024-03-18 11:28:55 | 38.6006, 31.9056   | 1.3 ml |
|---------------------|--------------------|--------|
| 2024-03-18 11:17:15 | 45.79, 14.62       | 1.6 ml |
| 2024-03-18 11:14:23 | 37.6761, 36.2567   | 1.5 ml |
| 2024-03-18 11:10:26 | 38.9786, 29.8794   | 1.8 ml |
| 2024-03-18 11:01:52 | 40.41, 28.8381     | 1.8 ml |
| 2024-03-18 11:01:05 | 37.92, 36.4556     | 1.6 ml |
| 2024-03-18 10:59:55 | 17.91, -100.51     | 3.3 m  |
| 2024-03-18 10:58:40 | 18.15, -103.18     | 3.3 m  |
| 2024-03-18 10:53:00 | 37.303, -3.2092    | 1.5 ml |
| 2024-03-18 10:50:52 | 17.11, -94.74      | 3.4 m  |
| 2024-03-18 10:44:53 | 16.79, -94.7       | 3.4 m  |
| 2024-03-18 10:44:50 | 35.77, 25.48       | 2.2 ml |
| 2024-03-18 10:41:06 | 38.4197, 37.4978   | 1.7 ml |
| 2024-03-18 10:38:11 | 39.3697, 29.2739   | 1.3 ml |
| 2024-03-18 10:33:01 | 38.2586, 38.7594   | 1.2 ml |
| 2024-03-18 10:32:21 | 45.7297, 4.4989    | 2.0 ml |
| 2024-03-18 10:26:14 | 12.33, -87.68      | 4.0 m  |
| 2024-03-18 10:15:00 | 38.71, 21.27       | 2.2 ml |
| 2024-03-18 10:08:56 | 8.6343, -84.1734   | 4.5 mb |
| 2024-03-18 10:07:27 | 48.5761, -1.6553   | 2.3 ml |
| 2024-03-18 10:02:29 | 40.4095, 28.8408   | 2.7 ml |
| 2024-03-18 10:00:36 | 38.8357, -122.832  | 2.1 md |
| 2024-03-18 10:00:22 | 39.8392, 28.8953   | 1.8 ml |
| 2024-03-18 09:55:47 | 16.51, -98.48      | 3.4 m  |
| 2024-03-18 09:53:48 | 18.58, -103.38     | 3.5 m  |
| 2024-03-18 09:50:34 | 45.92, 14.29       | 1.1 ml |
| 2024-03-18 09:49:27 | 35.6069, 140.1978  | 3.9 m  |
| 2024-03-18 09:49:10 | 30.56, -114.24     | 3.7 m  |
| 2024-03-18 09:41:13 | 38.8352, -122.8323 | 2.1 md |
| 2024-03-18 09:36:43 | 17.58, -101.32     | 3.7 m  |
| 2024-03-18 09:22:15 | 24.27, 82.7        | 3.3 m  |
| 2024-03-18 09:19:12 | 15.29, -93.24      | 3.7 m  |
| 2024-03-18 09:10:44 | 38.05, 37.6764     | 2.1 ml |
| 2024-03-18 09:03:19 | 19.24, -103.39     | 3.6 m  |
| 2024-03-18 09:01:55 | 16.09, -98.72      | 3.8 m  |
| 2024-03-18 08:57:57 | 18.0242, -66.766   | 2.1 md |
| 2024-03-18 08:55:57 | 38.5047, 39.317    | 2.0 ml |
| 2024-03-18 08:48:30 | 35.74, 25.52       | 2.3 ml |

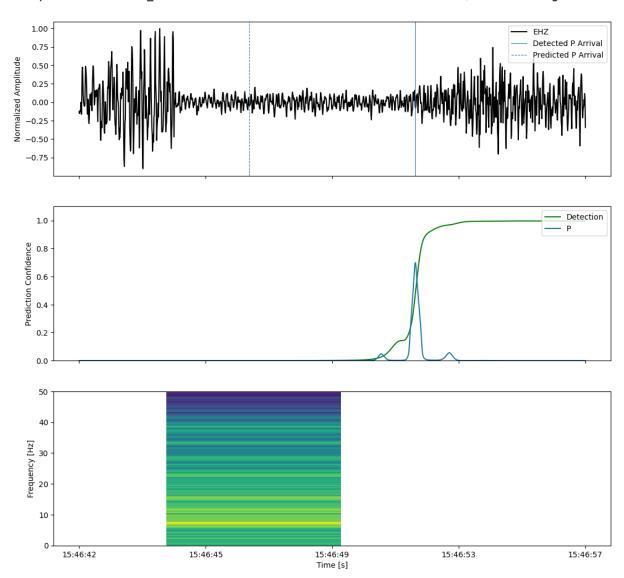
| 2024-03-18 08:43:44 | 38.4167, 37.4692   | 1.6 ml |
|---------------------|--------------------|--------|
| 2024-03-18 08:43:30 | 10.403, -86.292    | 3.3 m  |
| 2024-03-18 08:39:01 | 37.9985, 36.5917   | 2.4 ml |
| 2024-03-18 08:23:21 | 35.76, 25.5        | 2.2 ml |
| 2024-03-18 08:17:00 | 40.2028, 42.0919   | 2.1 ml |
| 2024-03-18 08:10:29 | 17.937, -67.0842   | 2.6 md |
| 2024-03-18 08:06:33 | 40.4272, 28.896    | 0.7 ml |
| 2024-03-18 08:05:23 | 40.4783, 28.82     | 1.9 ml |
| 2024-03-18 08:00:30 | 37.7989, 36.1661   | 2.0 ml |
| 2024-03-18 08:00:11 | 17.9307, -67.0865  | 2.5 md |
| 2024-03-18 07:51:55 | 11.06, -85.8       | 2.9 m  |
| 2024-03-18 07:50:45 | 41.8661, 27.405    | 1.0 ml |
| 2024-03-18 07:48:08 | 37.7935, -3.8764   | 1.8 ml |
| 2024-03-18 07:47:30 | 9.085, -84.174     | 3.0 m  |
| 2024-03-18 07:31:54 | 10.62, -86.69      | 3.6 m  |
| 2024-03-18 07:26:19 | 38.4067, 69.4641   | 4.2 mb |
| 2024-03-18 07:04:21 | 17.9358, -66.9068  | 2.2 md |
| 2024-03-18 06:34:47 | 18.713, -70.1      | 3.2 m  |
| 2024-03-18 06:30:22 | 39.3385, -122.8045 | 2.0 md |
| 2024-03-18 06:24:45 | 38.0092, 38.1658   | 1.6 ml |
| 2024-03-18 06:10:17 | 44.3456, -114.8011 | 2.5 ml |
| 2024-03-18 05:36:31 | 36.69, 27.02       | 2.2 ml |
| 2024-03-18 05:29:57 | 38.27, 38.1925     | 1.4 ml |
| 2024-03-18 05:29:29 | 40.3802, 2.5823    | 1.7 ml |
| 2024-03-18 05:12:10 | 38.5683, 27.135    | 1.8 ml |
| 2024-03-18 04:35:38 | 15.83, -95.64      | 4.2 m  |
| 2024-03-18 04:34:53 | 46.3182, 7.34      | 1.0 ml |
| 2024-03-18 04:14:16 | 37.1347, 36.6689   | 1.9 ml |
| 2024-03-18 04:06:34 | 36.2406, -3.35     | 1.7 ml |
| 2024-03-18 04:01:08 | -26.212, 27.753    | 3.0 m  |
| 2024-03-18 03:59:15 | 37.4288, 13.6168   | 2.0 ml |
| 2024-03-18 03:51:11 | 37.7472, 35.8728   | 1.2 ml |
| 2024-03-18 03:50:40 | 40.4272, 28.8183   | 1.5 ml |
| 2024-03-18 03:39:16 | 18.72, -102.22     | 4.1 m  |
| 2024-03-18 03:30:03 | 37.035, 28.2742    | 1.0 ml |
| 2024-03-18 03:21:08 | 38.2344, 38.1892   | 1.0 ml |
| 2024-03-18 03:11:24 | 37.8322, 35.8386   | 1.2 ml |
| 2024-03-18 03:05:02 | 37.1306, 21.2239   | 2.6 ml |

| 2024-03-18 02:55:05 | 34.2613, -97.5635  | 3.0 ml |
|---------------------|--------------------|--------|
| 2024-03-18 02:55:02 | 38.3506, 37.5172   | 1.3 ml |
| 2024-03-18 02:40:20 | 18.382, -73.367    | 3.4 m  |
| 2024-03-18 02:36:07 | 18.229, -71.971    | 3.1 m  |
| 2024-03-18 02:29:52 | 59.7551, -153.1629 | 2.0 ml |
| 2024-03-18 02:29:52 | 35.6343, -3.8486   | 2.0 ml |
| 2024-03-18 02:16:32 | 18.238, -71.161    | 3.1 m  |
| 2024-03-18 02:10:45 | 38.643, 70.6527    | 4.5 mb |
| 2024-03-18 01:58:30 | 33.3, 132.4        | 4.0 m  |
| 2024-03-18 01:55:08 | 15.57, -94.81      | 4.2 m  |
| 2024-03-18 01:51:15 | 35.4102, 25.5732   | 3.1 ml |
| 2024-03-18 01:45:18 | 38.1756, 38.6861   | 1.3 ml |
| 2024-03-18 01:34:46 | 36.6981, 36.1361   | 2.0 ml |
| 2024-03-18 01:25:03 | 33.5213, 92.9062   | 4.0 mb |
| 2024-03-18 01:21:35 | 35.7948, -3.628    | 1.7 ml |
| 2024-03-18 01:12:53 | 46.3166, 7.3406    | 0.7 ml |
| 2024-03-18 00:45:57 | 46.333, 7.5198     | 0.4 ml |
| 2024-03-18 00:45:47 | 64.6078, -17.7048  | 4.7 mb |
| 2024-03-18 00:44:09 | 52.7655, -169.8878 | 2.1 ml |
| 2024-03-18 00:41:46 | 38.1108, 38.4653   | 0.9 ml |
| 2024-03-18 00:40:01 | 37.0428, 29.0072   | 1.5 ml |
| 2024-03-18 00:35:48 | 46.3191, 7.3419    | 2.1 ml |
| 2024-03-18 00:33:37 | 18.551, -71.257    | 3.1 m  |
| 2024-03-18 00:32:53 | 37.6153, 28.9406   | 1.6 ml |
| 2024-03-18 00:01:58 | 35.75, 25.46       | 2.0 ml |
| 2024-03-17 23:57:58 | 35.6064, -3.5118   | 1.6 ml |

### **Event Report For Earthquake 2024-03-18\_121**

**Station:** AM.R50D6 **Issued At:** 2024-09-02 16:08:37

Earthquake 2024-03-18\_121 - Time: 2024-03-18 15:36:17 - Location: 46.93, -112.66 - Magnitude: 2.1 ml

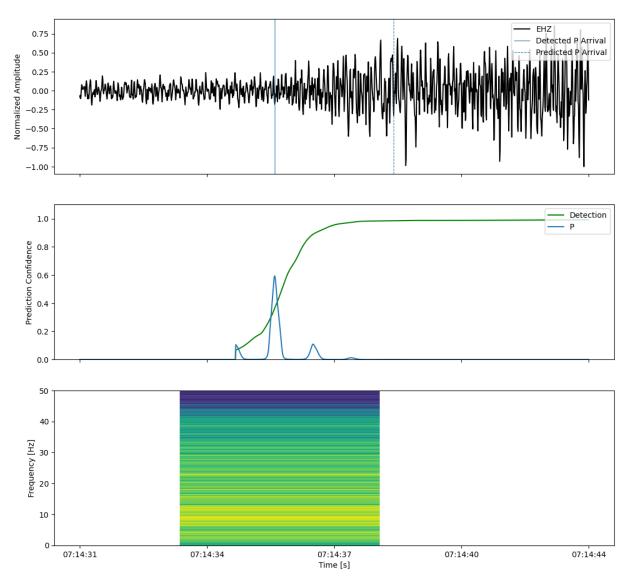


| Time:                | 2024-03-18 15:36:17 | Event ID:            | 2024-03-18_121                             |
|----------------------|---------------------|----------------------|--|
| Latitude, Longitude: | 46.931, -112.6592   | Epicentral Distance: | 6998.87 km                                 |
| Provider:            | EMSC                | Resource ID:         | quakeml:eu.emsc/event/<br>20240318_0000214 |
| Depth:               | 8.8 km              | Magnitude:           | 2.1 ml                                     |
| P Predicted Time:    | 2024-03-18 15:46:47 | P Detected Time:     | 2024-03-18 15:46:52                        |
| P Time Error:        | 4.880145            | P Confidence:        | 0.6992438435554504                         |

### **Event Report For Earthquake 2024-03-18\_196**

**Station:** AM.R50D6 **Issued At:** 2024-09-02 16:08:37

Earthquake 2024-03-18\_196 - Time: 2024-03-18 07:04:21 - Location: 17.94, -66.91 - Magnitude: 2.2 md



| Time:                | 2024-03-18 07:04:21 | Event ID:            | 2024-03-18_196                             |
|----------------------|---------------------|----------------------|--|
| Latitude, Longitude: | 17.9358, -66.9068   | Epicentral Distance: | 6814.23 km                                 |
| Provider:            | EMSC                | Resource ID:         | quakeml:eu.emsc/event/<br>20240318_0000060 |
| Depth:               | 14.7 km             | Magnitude:           | 2.2 md                                     |
| P Predicted Time:    | 2024-03-18 07:14:39 | P Detected Time:     | 2024-03-18 07:14:36                        |
| P Time Error:        | -3.052675           | P Confidence:        | 0.5940605401992798                         |