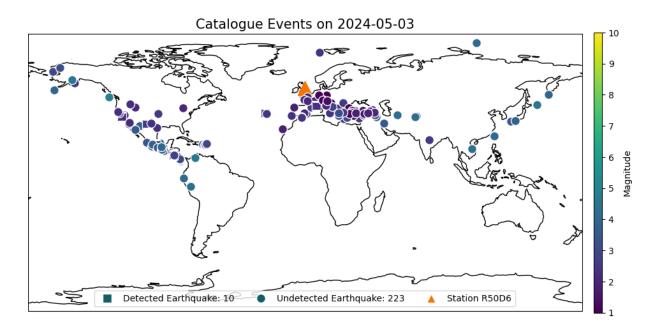
Earthquake Report for 2024-05-03

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

Yes

Catalogued Earthquake Plot



Detected and Catalogued Earthquakes

Time	Location	Magnitude
2024-05-04 00:01:02	41.7513, -81.0278	2.0 ml
2024-05-03 23:58:12	38.1267, 38.5286	1.5 ml
2024-05-03 23:48:42	40.4064, 28.8061	1.3 ml
2024-05-03 23:47:03	37.51, 21.68	2.0 ml
2024-05-03 23:45:03	38.2703, 37.8697	1.2 ml
2024-05-03 23:40:11	38.2464, 27.6639	1.2 ml
2024-05-03 23:39:02	41.95, 21.56	2.0 ml
2024-05-03 23:32:46	38.0047, 37.4083	1.8 ml
2024-05-03 23:21:45	37.9872, -0.7277	2.3 ml
2024-05-03 23:20:56	12.71, -88.65	3.0 m
2024-05-03 23:18:40	35.0291, 23.6043	2.6 ml
2024-05-03 23:18:14	38.1506, 38.6008	1.0 ml
2024-05-03 22:57:47	17.17, -94.79	3.8 m
2024-05-03 22:51:51	11.3, -85.88	3.2 m
2024-05-03 22:50:52	38.1008, 38.3303	1.0 ml

2024-05-03 22:48:37	35.488, -3.5779	1.6 ml
2024-05-03 22:44:22	16.36, -97.86	3.5 m
2024-05-03 22:37:26	37.8372, 36.2919	1.4 ml
2024-05-03 22:33:07	42.4485, 2.5996	2.6 ml
2024-05-03 22:32:52	31.739, -104.113	2.4 ml
2024-05-03 22:28:49	38.3186, 37.35	1.4 ml
2024-05-03 22:13:15	18.11, -103.33	3.5 m
2024-05-03 22:12:43	40.0906, 40.4228	1.2 ml
2024-05-03 22:12:14	15.95, -93.53	3.6 m
2024-05-03 22:06:01	37.8669, 35.3219	1.3 ml
2024-05-03 21:58:37	40.7592, 27.4573	1.9 ml
2024-05-03 21:53:05	38.1919, 27.6342	1.6 ml
2024-05-03 21:30:09	36.855, -10.372	2.3 ml
2024-05-03 21:20:46	53.3334, -164.662	3.9 mb
2024-05-03 21:20:30	10.254, -84.398	3.1 m
2024-05-03 21:18:44	18.569, -65.0348	3.4 md
2024-05-03 21:06:44	45.18, 15.39	1.1 ml
2024-05-03 21:02:47	40.0597, 35.9869	1.2 ml
2024-05-03 20:56:30	18.97, -103.66	3.1 m
2024-05-03 20:31:44	17.42, -94.98	3.6 m
2024-05-03 20:25:19	40.0358, 36.0206	1.5 ml
2024-05-03 20:18:48	16.27, -93.87	3.5 m
2024-05-03 20:11:48	31.625, -104.375	3.4 ml
2024-05-03 20:03:35	18.31, -100.34	4.1 m
2024-05-03 20:00:48	38.0858, 37.5731	2.0 ml
2024-05-03 20:00:33	17.9293, -66.8653	3.3 md
2024-05-03 19:49:23	38.25, 23.46	2.0 ml
2024-05-03 19:34:03	-9.17, -75.64	4.2 m
2024-05-03 19:31:33	14.25, -93.16	3.8 m
2024-05-03 19:25:57	32.143, -101.071	2.1 ml
2024-05-03 19:21:35	35.96, 44.74	3.4 m
2024-05-03 19:21:16	23.7313, 121.6706	4.6 mb
2024-05-03 19:19:49	38.143, -26.481	3.1 ml
2024-05-03 19:15:54	42.1588, -112.0773	2.0 ml
2024-05-03 19:11:41	38.1506, 38.5567	1.6 ml
2024-05-03 19:01:48	31.6723, -115.8908	2.8 m
2024-05-03 18:55:17	40.0711, 36.0333	2.1 ml
2024-05-03 18:52:30	7.439, -82.456	3.8 m

2024-05-03 18:33:32	30.5, -109.22	3.6 m
2024-05-03 18:24:22	40.0297, 36.0456	1.6 ml
2024-05-03 18:11:58	37.9, 23.95	2.1 ml
2024-05-03 18:11:18	38.4506, 39.0697	2.5 ml
2024-05-03 18:02:06	47.184, 11.002	1.2 ml
2024-05-03 17:56:59	50.66, 156.85	3.9 mb
2024-05-03 17:50:18	38.0236, 37.4406	1.4 ml
2024-05-03 17:42:29	31.7288, -104.1208	2.8 ml
2024-05-03 17:37:56	37.8777, 23.9507	2.6 ml
2024-05-03 17:37:29	38.4439, 39.07	1.4 ml
2024-05-03 17:28:14	58.1879, -151.456	2.4 ml
2024-05-03 16:45:27	37.8714, 26.9769	1.8 ml
2024-05-03 16:26:30	8.315, -82.834	4.1 m
2024-05-03 16:03:57	35.5135, -3.6408	2.1 ml
2024-05-03 15:58:32	77.931, 7.759	2.3 mw
2024-05-03 15:53:56	44.4392, -115.1997	2.2 ml
2024-05-03 15:50:30	46.1404, 11.1721	1.0 ml
2024-05-03 15:29:43	38.1928, 37.4633	2.6 ml
2024-05-03 15:29:30	8.527, -82.678	3.6 m
2024-05-03 15:25:27	37.89, 23.94	2.3 ml
2024-05-03 15:22:13	38.2636, 37.8367	2.2 ml
2024-05-03 15:02:40	43.39, 12.5927	2.0 ml
2024-05-03 14:59:36	40.6386, 42.1028	1.9 ml
2024-05-03 14:57:17	37.5381, 37.2414	1.1 ml
2024-05-03 14:42:46	37.88, 23.96	2.3 ml
2024-05-03 14:35:03	-9.16, -75.65	4.0 m
2024-05-03 14:28:07	39.0638, 27.8895	2.1 ml
2024-05-03 14:27:10	50.375, 12.475	1.1 ml
2024-05-03 14:19:26	-3.68, -80.22	4.0 m
2024-05-03 14:02:10	41.9202, 15.3279	2.9 ml
2024-05-03 13:59:31	38.1833, 37.4608	3.0 ml
2024-05-03 13:57:25	38.5139, 40.6522	2.0 ml
2024-05-03 13:43:03	65.6113, -165.2919	2.9 ml
2024-05-03 13:35:54	40.2335, 31.722	2.1 ml
2024-05-03 13:33:06	38.2953, 37.7492	1.3 ml
2024-05-03 13:08:27	46.9126, 8.9136	1.3 ml
2024-05-03 13:05:15	38.5097, 39.0883	2.0 ml
2024-05-03 12:57:53	50.32, 7.457	0.6 ml

2024-05-03 12:53:01	84.202, 109.7276	4.1 mb
2024-05-03 12:37:05	38.4831, 39.3953	1.4 ml
2024-05-03 12:32:03	40.0686, 34.2078	1.0 ml
2024-05-03 12:31:40	40.0692, 34.1944	0.8 ml
2024-05-03 12:25:18	38.1094, 37.8422	1.0 ml
2024-05-03 12:21:39	40.4889, 35.7358	0.8 ml
2024-05-03 12:17:49	38.5442, 31.5158	0.9 ml
2024-05-03 12:15:41	39.0556, 40.2378	1.5 ml
2024-05-03 12:14:38	37.4081, 43.9169	2.8 ml
2024-05-03 12:08:53	48.8741, -0.0577	2.0 ml
2024-05-03 12:08:15	31.666, -104.576	2.0 ml
2024-05-03 12:07:31	37.4395, 58.2614	4.2 mb
2024-05-03 12:04:36	9.5351, -72.8847	4.6 mb
2024-05-03 11:43:29	37.2947, 36.8256	1.0 ml
2024-05-03 11:26:20	18.7868, -67.1052	3.4 md
2024-05-03 11:25:12	38.4292, 37.3064	1.7 ml
2024-05-03 11:20:29	28.0674, -16.1777	1.8 ml
2024-05-03 11:19:16	38.766, -27.343	2.2 ml
2024-05-03 11:13:34	40.0692, 35.2306	1.6 ml
2024-05-03 11:13:00	38.4422, 37.3197	2.5 ml
2024-05-03 11:11:25	38.469, 14.602	2.3 ml
2024-05-03 11:00:06	38.5412, 37.2735	2.2 ml
2024-05-03 10:55:37	16.25, -96.31	3.6 m
2024-05-03 10:47:43	19.39, -104.53	3.4 m
2024-05-03 10:43:30	8.186, -82.796	3.1 m
2024-05-03 10:35:17	37.3885, -119.0233	2.1 md
2024-05-03 10:34:49	35.4625, 33.6344	2.3 ml
2024-05-03 10:33:05	47.2732, 9.5772	1.3 ml
2024-05-03 10:29:00	36.9861, 28.0453	1.8 ml
2024-05-03 10:25:29	46.4392, 4.6734	2.0 ml
2024-05-03 10:25:12	47.25, 9.559	1.8 ml
2024-05-03 10:10:32	47.5082, -2.2757	2.1 ml
2024-05-03 10:06:19	39.5731, 34.5678	1.4 ml
2024-05-03 10:03:35	18.2408, -67.9762	3.3 md
2024-05-03 09:59:34	38.4225, 38.3283	1.1 ml
2024-05-03 09:58:19	27.86, -111.93	3.5 m
2024-05-03 09:54:42	16.55, -99.82	3.7 m
2024-05-03 09:51:31	36.5228, 27.7228	1.6 ml

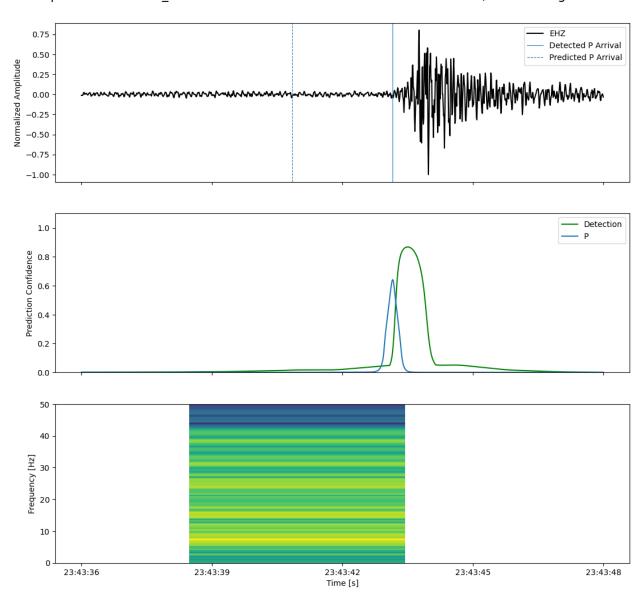
2024-05-03 09:49:02	67.8561, -160.9359	3.1 ml
2024-05-03 09:46:10	46.6838, -0.1637	2.0 ml
2024-05-03 09:41:09	21.29, 79.14	2.5 m
2024-05-03 09:35:13	23.89, 121.61	4.0 ml
2024-05-03 09:29:31	59.9954, -152.8271	4.6 mb
2024-05-03 09:24:15	38.0467, 37.5038	2.0 ml
2024-05-03 09:22:55	12.57, -87.91	3.3 m
2024-05-03 09:22:01	37.1206, 36.9786	0.9 ml
2024-05-03 09:06:25	43.1535, 5.9619	2.3 ml
2024-05-03 09:06:01	16.15, -97.37	3.2 m
2024-05-03 09:04:30	8.204, -82.809	3.2 m
2024-05-03 08:58:29	38.4931, 29.1414	0.8 ml
2024-05-03 08:58:07	12.71, -88.27	2.6 m
2024-05-03 08:56:32	15.52, -97.48	3.5 m
2024-05-03 08:54:09	45.0576, 23.1194	2.5 ml
2024-05-03 08:52:56	15.6, -97.5	3.2 m
2024-05-03 08:50:20	38.0856, 37.7719	1.4 ml
2024-05-03 08:45:30	17.24, -101.13	3.8 m
2024-05-03 08:35:30	8.636, -82.764	3.0 m
2024-05-03 08:29:11	19.04, -95.63	3.9 m
2024-05-03 08:22:27	39.8744, 28.8792	1.4 ml
2024-05-03 08:21:31	18.25, -98.16	3.1 m
2024-05-03 08:15:54	18.49, -100.85	3.8 m
2024-05-03 08:07:11	37.9528, 36.3483	2.1 ml
2024-05-03 08:04:35	40.1973, 30.7763	2.0 ml
2024-05-03 08:03:22	16.06, -97.57	3.2 m
2024-05-03 07:50:53	38.751, -27.33	2.6 ml
2024-05-03 07:44:02	39.8417, 40.4344	1.7 ml
2024-05-03 07:40:19	44.0893, 149.1042	4.5 mb
2024-05-03 07:35:32	38.3884, 20.4772	2.6 ml
2024-05-03 07:35:13	31.682, -104.359	2.5 ml
2024-05-03 07:34:34	39.2497, 27.735	1.9 ml
2024-05-03 07:26:08	23.81, 121.58	4.0 ml
2024-05-03 07:26:01	38.4492, 37.2903	1.6 ml
2024-05-03 07:19:51	36.9414, 29.7253	1.2 ml
2024-05-03 07:15:17	37.3892, 37.1311	1.4 ml
2024-05-03 07:12:12	17.944, -66.9497	2.3 md
2024-05-03 07:12:11	38.0127, 37.5948	2.0 ml

2024-05-03 07:02:40	41.8733, 26.7836	1.0 ml
2024-05-03 06:55:17	14.85, -94.77	4.2 m
2024-05-03 06:40:30	38.2408, 38.0758	1.7 ml
2024-05-03 06:17:13	12.24, -87.56	2.6 m
2024-05-03 06:11:54	37.2769, 36.6222	1.3 ml
2024-05-03 06:02:46	-9.27, -75.66	4.2 m
2024-05-03 05:53:49	36.4554, 70.7319	4.0 mb
2024-05-03 05:51:48	15.12, -94.54	3.9 m
2024-05-03 05:49:16	11.4, -87.21	2.6 m
2024-05-03 05:39:36	11.11, -86.83	2.7 m
2024-05-03 05:35:03	38.9362, 43.5245	2.0 ml
2024-05-03 05:22:07	18.4962, -66.1465	3.0 md
2024-05-03 05:20:09	16.68, -94.74	4.0 m
2024-05-03 04:50:50	35.77, 25.54	3.0 ml
2024-05-03 04:46:58	37.1815, 20.3458	3.3 ml
2024-05-03 04:45:13	37.1054, 20.2579	2.8 ml
2024-05-03 04:37:55	50.118, 7.332	0.3 ml
2024-05-03 04:28:27	38.8127, 37.5007	1.9 ml
2024-05-03 04:22:18	38.2847, 37.8764	1.5 ml
2024-05-03 04:19:08	40.4364, 28.8681	1.6 ml
2024-05-03 04:15:50	36.2278, -120.8	2.2 md
2024-05-03 04:15:36	18.5142, -65.5932	2.9 md
2024-05-03 04:13:44	38.6177, -122.4213	2.4 md
2024-05-03 03:54:00	38.9872, 28.69	1.1 ml
2024-05-03 03:51:08	40.0715, 36.0773	2.4 ml
2024-05-03 03:50:43	36.1518, 70.2518	4.2 mb
2024-05-03 03:22:01	28.976, -97.994	2.2 ml
2024-05-03 03:17:02	38.2742, 38.2258	1.9 ml
2024-05-03 03:07:28	15.592, 106.81	4.2 m
2024-05-03 03:03:30	48.7775, -128.8196	5.0 mw
2024-05-03 02:47:30	38.137, -26.423	2.4 ml
2024-05-03 02:45:12	40.0717, 35.9608	1.2 ml
2024-05-03 02:42:30	33.3, 132.4	3.5 m
2024-05-03 02:35:37	38.1436, 38.5664	1.3 ml
2024-05-03 02:34:23	32.589, -115.6707	2.1 ml
2024-05-03 02:31:52	38.2961, 37.8103	1.6 ml
2024-05-03 02:28:56	40.0619, 35.9478	1.6 ml
2024-05-03 02:26:31	42.6043, 15.9862	2.8 ml

2024-05-03 02:22:19	42.3703, -8.6239	1.8 ml
2024-05-03 02:21:26	35.556, -3.476	1.8 ml
2024-05-03 02:12:22	35.5196, -3.4901	2.1 ml
2024-05-03 02:11:03	35.5964, -3.646	2.2 ml
2024-05-03 02:02:57	38.2161, 27.3003	1.2 ml
2024-05-03 01:59:46	38.65, 31.5661	1.8 ml
2024-05-03 01:58:07	35.4804, -3.5842	1.8 ml
2024-05-03 01:50:07	38.4024, -2.2471	2.0 ml
2024-05-03 01:39:44	31.99, 49.73	3.5 m
2024-05-03 01:30:15	38.5089, 38.0392	1.3 ml
2024-05-03 01:26:22	38.5258, 38.0578	1.3 ml
2024-05-03 01:19:05	46.8459, 10.1143	0.7 ml
2024-05-03 01:19:02	36.2672, -3.7318	1.7 ml
2024-05-03 01:19:00	38.2025, 37.8064	1.3 ml
2024-05-03 01:17:21	37.9933, 38.135	1.0 ml
2024-05-03 01:07:30	38.12, 38.5867	1.3 ml
2024-05-03 01:02:09	38.3251, -97.0309	2.5 ml
2024-05-03 00:58:30	43.6317, 12.1697	2.0 ml
2024-05-03 00:57:45	38.1347, 38.1731	1.1 ml
2024-05-03 00:53:58	38.2167, 37.0233	1.6 ml
2024-05-03 00:33:22	38.9589, 23.383	2.5 ml
2024-05-03 00:31:25	46.3493, 12.8472	1.3 ml
2024-05-03 00:22:25	32.089, -101.642	2.3 ml
2024-05-03 00:13:37	35.5016, -3.628	2.4 ml
2024-05-03 00:10:30	33.8, 135.3	3.8 m
2024-05-03 00:08:29	38.4522, 39.2158	1.9 ml
2024-05-03 00:01:48	39.4132, -123.2733	2.2 md
2024-05-02 23:58:21	38.3981, 20.4772	3.1 ml

Station: AM.R50D6 **Issued At:** 2024-09-02 18:09:16

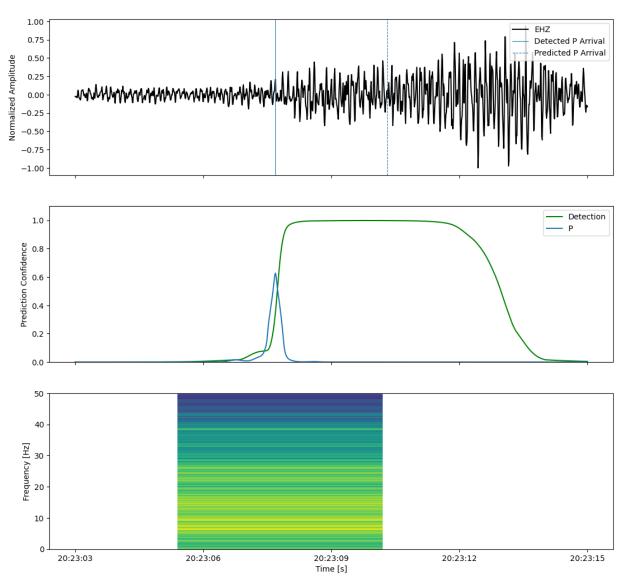
Earthquake 2024-05-03_67 - Time: 2024-05-03 23:39:02 - Location: 41.95, 21.56 - Magnitude: 2.0 ml



Time:	2024-05-03 23:39:02	Event ID:	2024-05-03_67
Latitude, Longitude:	41.95, 21.56	Epicentral Distance:	2206.51 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/ 20240503_0000346
Depth:	10.0 km	Magnitude:	2.0 ml
P Predicted Time:	2024-05-03 23:43:41	P Detected Time:	2024-05-03 23:43:43
P Time Error:	2.379997	P Confidence:	0.6418442726135254

Station: AM.R50D6 **Issued At:** 2024-09-02 18:09:16

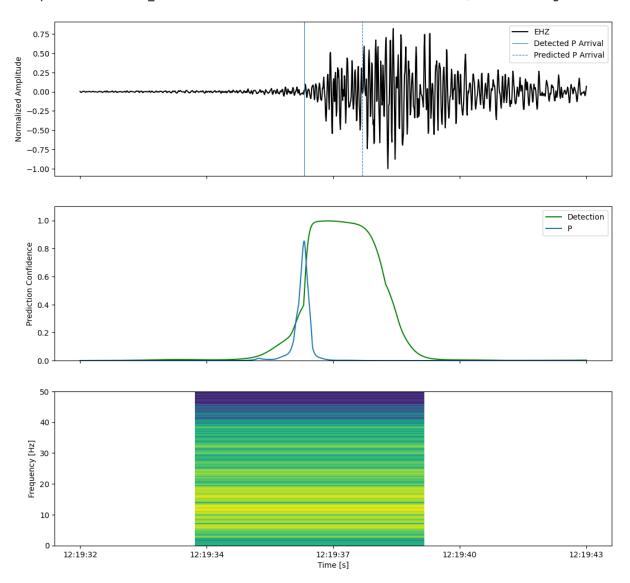
Earthquake 2024-05-03_98 - Time: 2024-05-03 20:11:48 - Location: 31.62, -104.38 - Magnitude: 3.4 ml



Time:	2024-05-03 20:11:48	Event ID:	2024-05-03_98
Latitude, Longitude:	31.625, -104.375	Epicentral Distance:	7936.71 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/ 20240503_0000286
Depth:	6.1 km	Magnitude:	3.4 ml
P Predicted Time:	2024-05-03 20:23:10	P Detected Time:	2024-05-03 20:23:08
P Time Error:	-2.790548	P Confidence:	0.6272761225700378

Station: AM.R50D6 **Issued At:** 2024-09-02 18:09:16

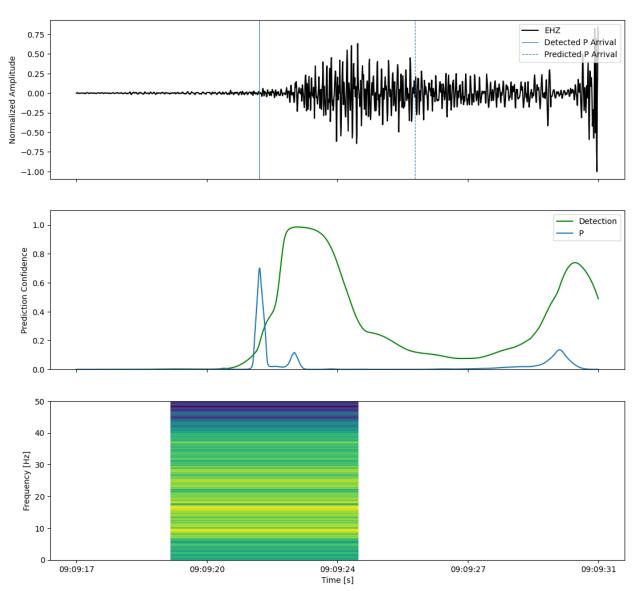
Earthquake 2024-05-03_162 - Time: 2024-05-03 12:08:15 - Location: 31.67, -104.58 - Magnitude: 2.0 ml



Time:	2024-05-03 12:08:15	Event ID:	2024-05-03_162
Latitude, Longitude:	31.666, -104.576	Epicentral Distance:	7944.32 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/ 20240503_0000180
Depth:	2.1 km	Magnitude:	2.0 ml
P Predicted Time:	2024-05-03 12:19:38	P Detected Time:	2024-05-03 12:19:37
P Time Error:	-1.304652	P Confidence:	0.8539113402366638

Station: AM.R50D6 **Issued At:** 2024-09-02 18:09:16

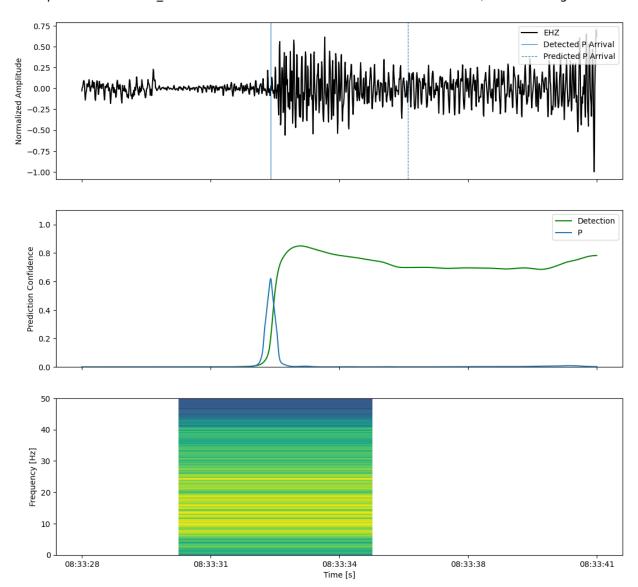
Earthquake 2024-05-03_198 - Time: 2024-05-03 09:06:25 - Location: 43.15, 5.96 - Magnitude: 2.3 ml



Time:	2024-05-03 09:06:25	Event ID:	2024-05-03_198
Latitude, Longitude:	43.1535, 5.9619	Epicentral Distance:	1401.29 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/ 20240503_0000133
Depth:	5.0 km	Magnitude:	2.3 ml
P Predicted Time:	2024-05-03 09:09:26	P Detected Time:	2024-05-03 09:09:22
P Time Error:	-4.247945	P Confidence:	0.7020315527915955

Station: AM.R50D6 **Issued At:** 2024-09-02 18:09:16

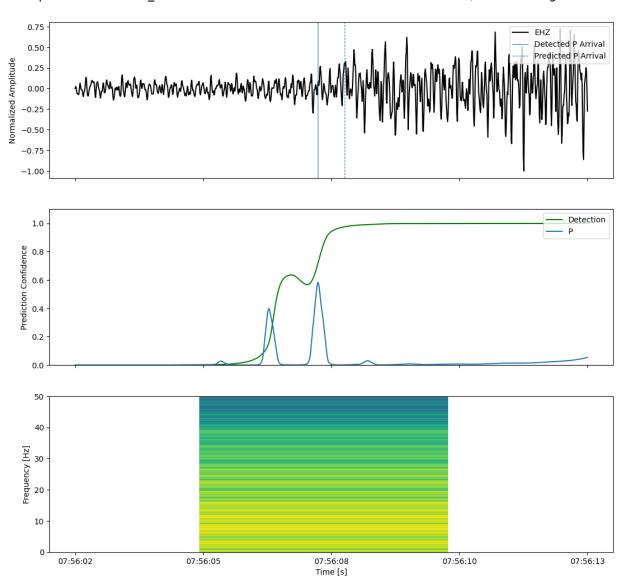
Earthquake 2024-05-03_211 - Time: 2024-05-03 08:21:31 - Location: 18.25, -98.16 - Magnitude: 3.1 m



Time:	2024-05-03 08:21:31	Event ID:	2024-05-03_211
Latitude, Longitude:	18.25, -98.16	Epicentral Distance:	8771.26 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/ 20240503_0000206
Depth:	43.8 km	Magnitude:	3.1 m
P Predicted Time:	2024-05-03 08:33:36	P Detected Time:	2024-05-03 08:33:33
P Time Error:	-3.628794	P Confidence:	0.621461808681488

Station: AM.R50D6 **Issued At:** 2024-09-02 18:09:16

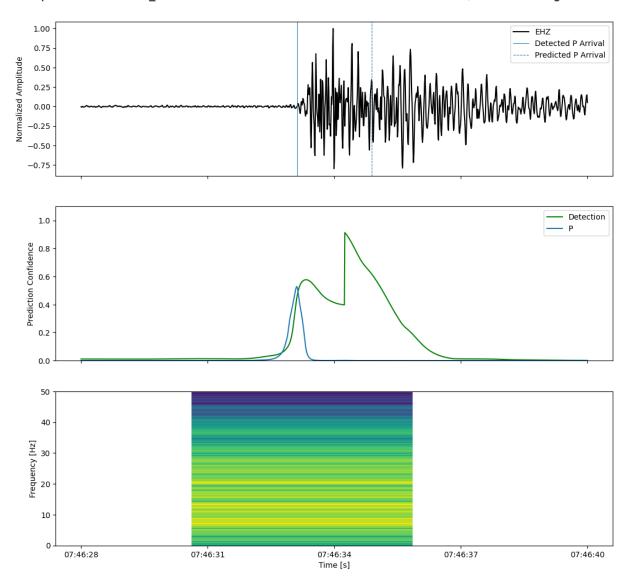
Earthquake 2024-05-03_216 - Time: 2024-05-03 07:50:53 - Location: 38.75, -27.33 - Magnitude: 2.6 ml



Time:	2024-05-03 07:50:53	Event ID:	2024-05-03_216
Latitude, Longitude:	38.751, -27.33	Epicentral Distance:	2622.82 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/ 20240503_0000115
Depth:	0.0 km	Magnitude:	2.6 ml
P Predicted Time:	2024-05-03 07:56:08	P Detected Time:	2024-05-03 07:56:07
P Time Error:	-0.549484	P Confidence:	0.5834059119224548

Station: AM.R50D6 **Issued At:** 2024-09-02 18:09:16

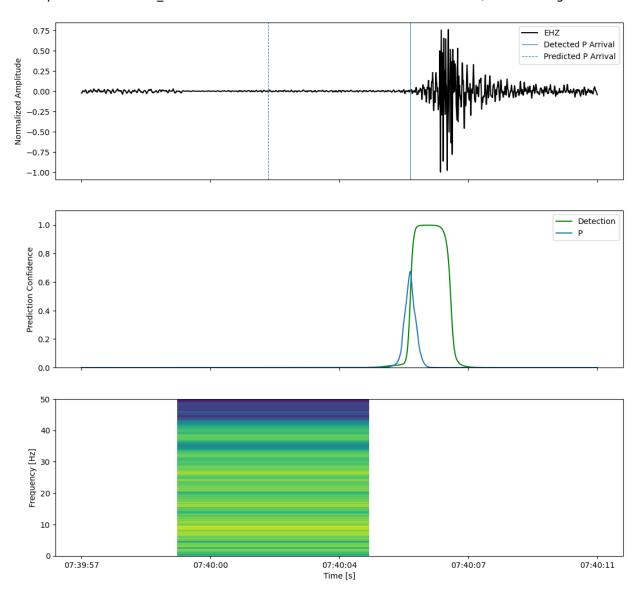
Earthquake 2024-05-03_220 - Time: 2024-05-03 07:35:13 - Location: 31.68, -104.36 - Magnitude: 2.5 ml



Time:	2024-05-03 07:35:13	Event ID:	2024-05-03_220
Latitude, Longitude:	31.682, -104.359	Epicentral Distance:	7930.71 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/ 20240503_0000118
Depth:	7.0 km	Magnitude:	2.5 ml
P Predicted Time:	2024-05-03 07:46:35	P Detected Time:	2024-05-03 07:46:33
P Time Error:	-1.730684	P Confidence:	0.5280025601387024

Station: AM.R50D6 **Issued At:** 2024-09-02 18:09:16

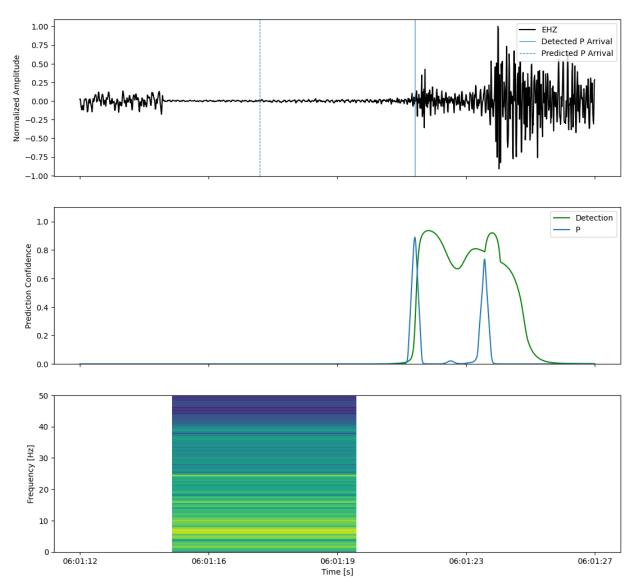
Earthquake 2024-05-03_221 - Time: 2024-05-03 07:34:34 - Location: 39.25, 27.73 - Magnitude: 1.9 ml



Time:	2024-05-03 07:34:34	Event ID:	2024-05-03_221
Latitude, Longitude:	39.2497, 27.735	Epicentral Distance:	2778.28 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/ 20240503_0000114
Depth:	7.0 km	Magnitude:	1.9 ml
P Predicted Time:	2024-05-03 07:40:02	P Detected Time:	2024-05-03 07:40:06
P Time Error:	3.789212	P Confidence:	0.6747270822525024

Station: AM.R50D6 **Issued At:** 2024-09-02 18:09:16

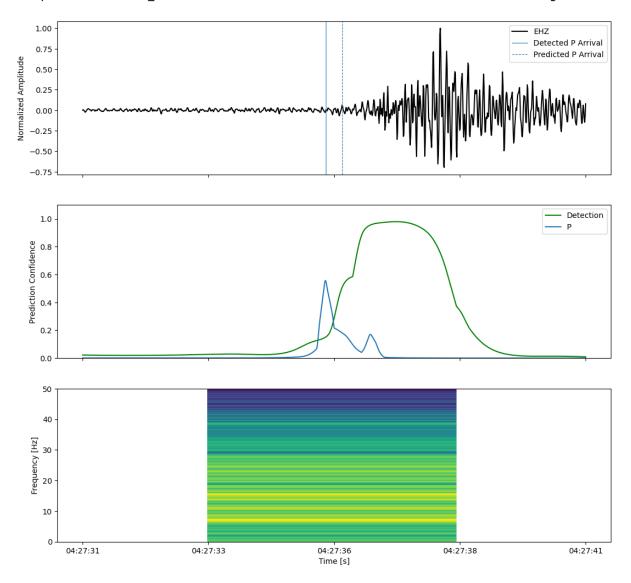
Earthquake 2024-05-03_236 - Time: 2024-05-03 05:49:16 - Location: 11.40, -87.21 - Magnitude: 2.6 m



Time:	2024-05-03 05:49:16	Event ID:	2024-05-03_236
Latitude, Longitude:	11.4, -87.21	Epicentral Distance:	8696.35 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/ 20240503_0000088
Depth:	25.0 km	Magnitude:	2.6 m
P Predicted Time:	2024-05-03 06:01:17	P Detected Time:	2024-05-03 06:01:22
P Time Error:	4.320969	P Confidence:	0.8895624876022339

Station: AM.R50D6 **Issued At:** 2024-09-02 18:09:16

Earthquake 2024-05-03_248 - Time: 2024-05-03 04:15:50 - Location: 36.23, -120.80 - Magnitude: 2.2 md



Time:	2024-05-03 04:15:50	Event ID:	2024-05-03_248
Latitude, Longitude:	36.2278, -120.8	Epicentral Distance:	8362.09 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/ 20240503_0000054
Depth:	5.7 km	Magnitude:	2.2 md
P Predicted Time:	2024-05-03 04:27:36	P Detected Time:	2024-05-03 04:27:36
P Time Error:	-0.34696	P Confidence:	0.5564525723457336