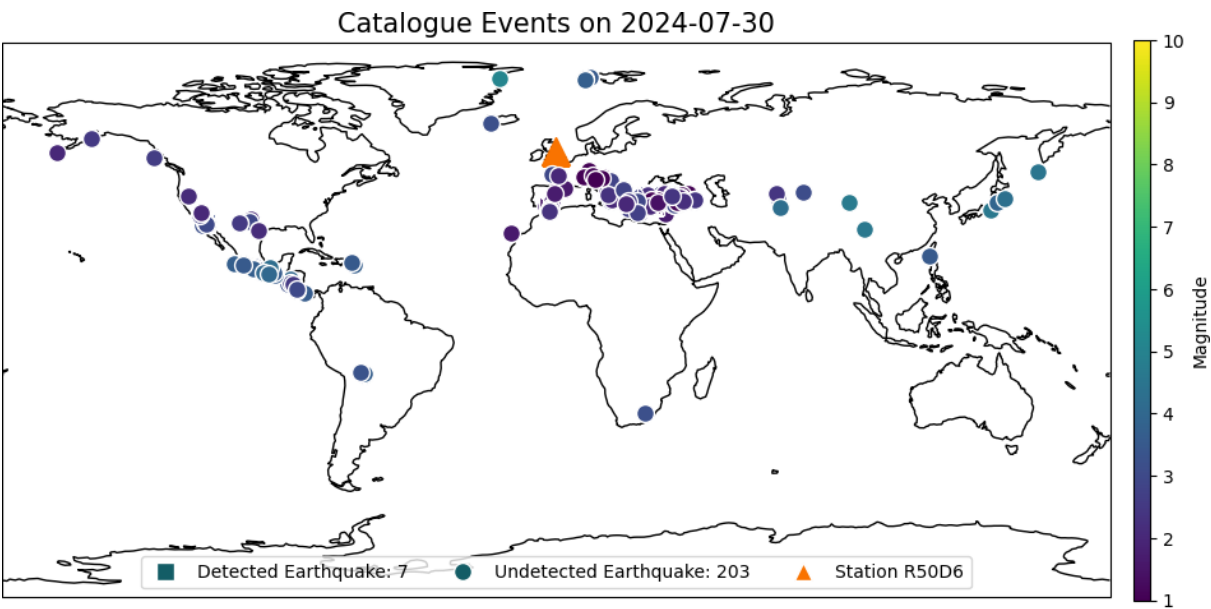# Earthquake Report for 2024-07-30

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

Catalogued Earthquake Plot

Detected and Catalogued Earthquakes

Time	Location	Magnitude
2024-07-30 23:53:40	38.4, 25.68	2.4 ml
2024-07-30 23:53:37	48.441, 9.035	0.5 ml
2024-07-30 23:39:18	46.0086, 10.4267	1.4 ml
2024-07-30 23:21:23	46.09, 14.8	1.6 ml
2024-07-30 23:16:44	38.9863, 16.4202	2.4 ml
2024-07-30 23:13:54	63.793, -22.727	2.8 m
2024-07-30 23:03:55	31.613, -104.113	2.1 ml
2024-07-30 22:57:17	36.2993, 27.1545	2.1 ml
2024-07-30 22:55:45	17.57, -99.56	3.0 m
2024-07-30 22:47:33	42.5332, 1.4394	1.6 ml
2024-07-30 22:39:16	16.82, -99.44	3.5 m
2024-07-30 22:37:08	37.031, -4.9199	1.8 ml
2024-07-30 22:34:27	37.9028, 29.2939	1.6 ml
2024-07-30 22:32:21	40.6028, 28.7936	1.8 ml
2024-07-30 22:21:10	46.0486, 10.4251	0.9 ml

2024-07-30 22:04:25	38.1972, 38.5922	2.6 ml
2024-07-30 21:53:03	39.88, 70.61	2.7 m
2024-07-30 21:47:57	78.9204, 9.3819	3.5 mb
2024-07-30 21:42:29	18.43, -105.94	3.7 m
2024-07-30 21:32:46	46.0086, 10.4267	0.8 ml
2024-07-30 21:32:07	41.6793, 14.8108	2.1 ml
2024-07-30 21:29:40	37.8192, 26.9803	1.7 ml
2024-07-30 21:23:13	48.0933, 155.099	4.5 mb
2024-07-30 21:16:41	15.69, -95.04	3.8 m
2024-07-30 21:11:09	63.806, -22.713	3.2 m
2024-07-30 21:04:12	16.55, -100.45	3.7 m
2024-07-30 20:56:18	38.1482, 36.6087	2.2 ml
2024-07-30 20:49:10	17.991, -66.9885	3.5 md
2024-07-30 20:35:32	13.2429, -87.8284	4.0 ml
2024-07-30 20:28:40	38.295, 37.7914	1.6 ml
2024-07-30 20:26:55	38.1864, 38.5886	1.1 ml
2024-07-30 20:19:59	46.02, 10.4308	2.7 ml
2024-07-30 20:15:19	46.1813, 7.4946	1.5 ml
2024-07-30 20:09:00	35.9117, 22.1568	2.7 ml
2024-07-30 20:01:23	37.95, 27.1211	2.2 ml
2024-07-30 19:39:43	18.0298, -67.0827	2.4 md
2024-07-30 19:29:11	40.23, -121.15	2.1 md
2024-07-30 19:20:53	15.98, -97.96	3.9 m
2024-07-30 19:15:56	18.11, -103.41	3.3 m
2024-07-30 19:12:31	31.672, -104.194	2.1 ml
2024-07-30 19:11:58	40.28, 24.13	2.2 ml
2024-07-30 18:57:45	38.41, 21.51	2.4 ml
2024-07-30 18:48:41	11.74, -88.59	3.2 m
2024-07-30 18:48:20	40.28, 24.12	3.1 ml
2024-07-30 18:37:22	34.6067, 33.83	1.7 ml
2024-07-30 18:32:04	33.1377, -115.4683	2.3 ml
2024-07-30 18:21:30	16.89, -100.09	3.6 m
2024-07-30 18:11:46	38.4575, 37.3008	2.0 ml
2024-07-30 18:03:53	17.9853, -66.9936	3.7 md
2024-07-30 18:03:05	16.32, -97.68	3.2 m
2024-07-30 17:49:21	34.99, 25.64	2.5 ml
2024-07-30 17:45:04	78.4006, -19.7159	5.1 mw
2024-07-30 17:43:09	32.7522, -100.6457	3.7 ml

2024-07-30 17:22:12	31.36, -115.41	3.2 m
2024-07-30 17:18:23	40.6239, 28.7892	1.6 ml
2024-07-30 17:09:16	31.38, -115.48	3.2 m
2024-07-30 17:04:26	38.5795, 16.1502	3.2 ml
2024-07-30 17:03:23	46.4202, 7.5039	0.9 ml
2024-07-30 17:01:28	31.04, -115.02	3.1 m
2024-07-30 16:53:08	31.675, -104.193	3.2 ml
2024-07-30 16:47:15	35.6825, 139.6251	4.6 mb
2024-07-30 16:46:38	31.49, -115.52	3.3 m
2024-07-30 16:41:45	40.2745, 24.153	3.0 ml
2024-07-30 16:32:12	78.393, 7.711	2.3 m
2024-07-30 16:21:12	38.048, 37.2952	2.0 ml
2024-07-30 16:19:46	52.6323, -132.1323	2.6 m
2024-07-30 16:08:07	-17.578, -63.653	3.1 m
2024-07-30 16:05:55	15.85, -95.81	3.9 m
2024-07-30 16:05:06	43.0574, -0.8296	1.6 ml
2024-07-30 15:52:29	38.2861, 37.7217	1.7 ml
2024-07-30 15:51:10	40.5928, 28.8163	2.6 ml
2024-07-30 15:49:02	38.3419, 38.7261	1.2 ml
2024-07-30 15:43:19	40.27, 24.15	2.0 ml
2024-07-30 15:19:45	40.5977, 28.7913	2.8 ml
2024-07-30 15:19:22	38.4897, 37.5208	1.6 ml
2024-07-30 15:15:56	40.0923, 36.0507	2.1 ml
2024-07-30 15:01:48	36.6162, 28.384	2.3 ml
2024-07-30 14:55:25	41.5, 78.75	3.1 m
2024-07-30 14:52:18	28.1166, -16.2308	1.9 ml
2024-07-30 14:51:49	37.0754, -4.2395	1.5 ml
2024-07-30 14:43:32	40.1376, 19.8507	2.4 ml
2024-07-30 14:41:56	39.22, 20.54	2.3 ml
2024-07-30 14:38:30	8.67, -83.298	3.6 m
2024-07-30 14:35:31	38.7193, -2.9167	1.8 ml
2024-07-30 14:17:23	38.9911, 43.5839	1.8 ml
2024-07-30 13:58:09	37.831, 21.1693	2.6 ml
2024-07-30 13:50:22	38.8875, 21.1592	2.8 ml
2024-07-30 13:48:51	38.53, 39.4297	1.2 ml
2024-07-30 13:43:06	54.5197, -163.5337	2.0 ml
2024-07-30 13:42:04	37.8264, 37.8111	1.6 ml
2024-07-30 13:30:52	38.1003, 38.4539	1.3 ml

2024-07-30 13:30:10	46.6647, 13.6646	1.2 ml
2024-07-30 13:16:48	12.13, -87.86	2.7 m
2024-07-30 13:09:55	35.4029, -3.8949	2.5 ml
2024-07-30 13:05:45	37.0564, 30.5292	1.6 ml
2024-07-30 12:49:22	31.66, -104.314	2.1 ml
2024-07-30 12:48:39	38.12, 141.69	3.9 m
2024-07-30 12:46:05	37.0197, 30.5386	1.4 ml
2024-07-30 12:44:21	36.4184, -3.2663	2.1 ml
2024-07-30 12:39:41	37.0389, 30.5197	1.5 ml
2024-07-30 12:35:56	37.0422, 30.5036	1.2 ml
2024-07-30 12:32:16	37.0294, 30.5453	1.4 ml
2024-07-30 12:25:42	41.0133, 33.3761	2.0 ml
2024-07-30 12:13:05	38.1186, 37.5392	1.6 ml
2024-07-30 12:05:07	37.4833, 37.1853	1.2 ml
2024-07-30 11:55:40	32.766, -100.664	2.0 ml
2024-07-30 11:54:30	77.892, 7.732	3.7 m
2024-07-30 11:52:54	37.2394, 37.0011	1.2 ml
2024-07-30 11:43:55	37.8383, 21.1784	2.8 ml
2024-07-30 11:27:08	41.26, 41.5844	1.0 ml
2024-07-30 11:22:19	38.2675, 37.8386	1.9 ml
2024-07-30 11:15:56	40.7164, 39.5361	1.1 ml
2024-07-30 11:07:27	38.9722, 16.4187	2.0 ml
2024-07-30 11:06:47	46.7456, 10.2892	1.1 ml
2024-07-30 11:01:20	38.37, 22.58	2.0 ml
2024-07-30 10:47:38	16.48, -100.06	3.7 m
2024-07-30 10:35:18	18.34, -105.95	3.7 m
2024-07-30 10:24:26	31.37, -115.47	3.3 m
2024-07-30 10:21:08	38.3561, 38.8411	1.4 ml
2024-07-30 10:19:31	14.42, -93.32	3.7 m
2024-07-30 10:12:53	14.49, -92.82	3.6 m
2024-07-30 10:11:38	38.3931, 37.4944	1.5 ml
2024-07-30 10:08:46	38.9167, 37.2183	1.6 ml
2024-07-30 09:55:46	15.54, -93.29	3.6 m
2024-07-30 09:51:34	37.9681, 36.0325	1.4 ml
2024-07-30 09:47:48	38.8397, 39.1028	1.4 ml
2024-07-30 09:40:22	39.2047, 38.4256	1.5 ml
2024-07-30 09:32:39	39.0717, 27.7383	1.4 ml
2024-07-30 09:29:09	31.36, -115.45	3.0 m

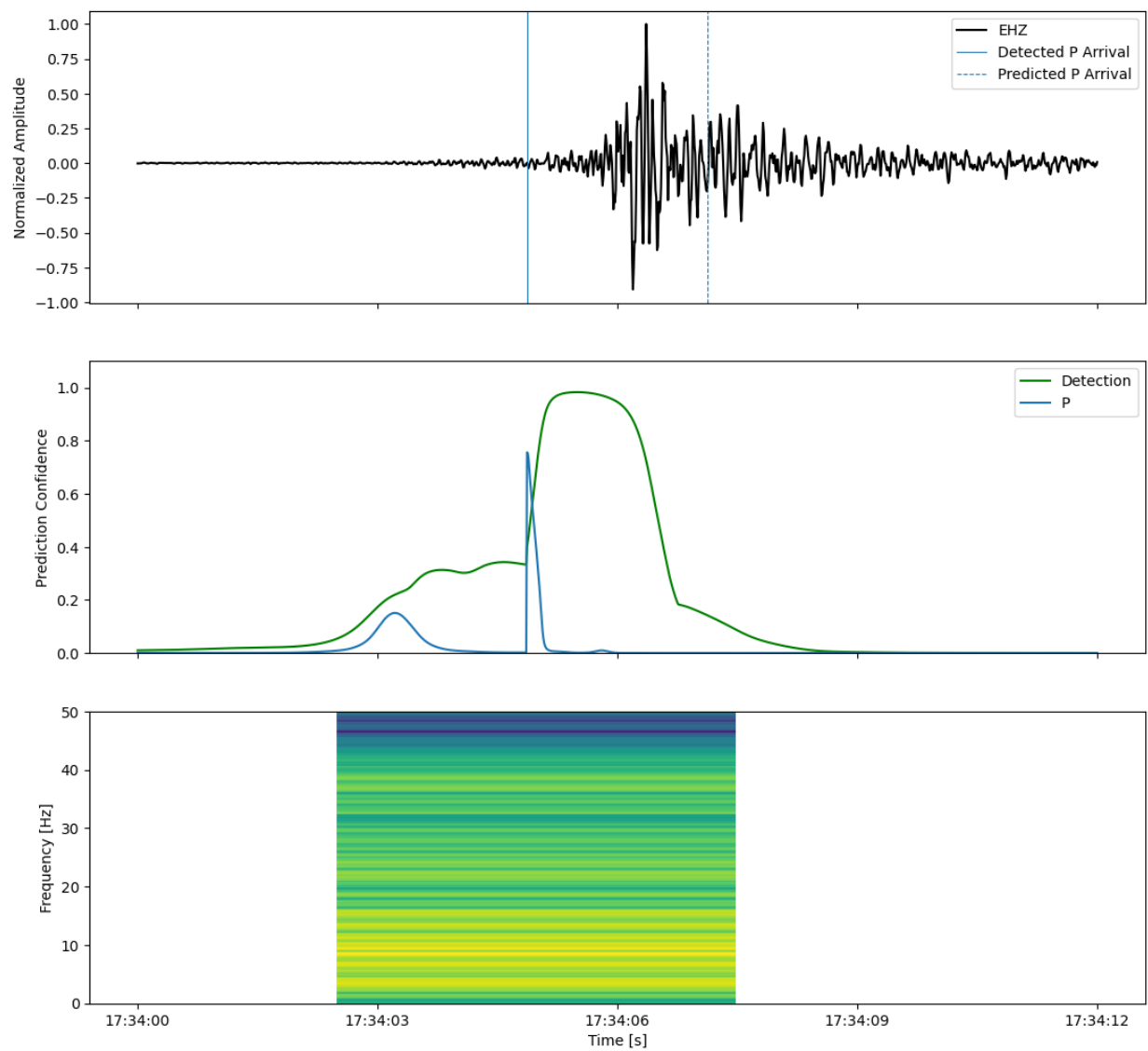|		
2024-07-30 09:25:54	30.62, -116.45	3.2 m
2024-07-30 09:21:51	15.47, -95.17	3.9 m
2024-07-30 09:10:40	40.8717, 28.1918	2.2 ml
2024-07-30 09:06:16	38.4581, 34.3314	1.0 ml
2024-07-30 09:06:04	38.2397, 38.0856	1.0 ml
2024-07-30 09:03:29	41.08, 70.05	2.4 m
2024-07-30 08:55:27	18.03, -103.4	3.5 m
2024-07-30 08:49:09	31.37, -115.46	3.3 m
2024-07-30 08:47:53	31.11, -115.11	3.0 m
2024-07-30 08:37:47	31.739, -104.541	2.8 ml
2024-07-30 08:33:55	45.3731, 16.2918	2.8 ml
2024-07-30 08:30:27	37.9928, 37.44	1.6 ml
2024-07-30 08:28:06	17.08, -94.56	4.2 m
2024-07-30 08:24:05	38.286, 93.6135	4.7 mb
2024-07-30 08:22:44	40.2896, 24.0994	2.6 ml
2024-07-30 08:16:55	37.7725, 27.3956	1.2 ml
2024-07-30 08:13:23	58.9131, -152.6373	2.5 ml
2024-07-30 08:13:21	32.776, -100.641	2.0 ml
2024-07-30 08:00:30	38.3335, 38.2712	2.4 ml
2024-07-30 07:41:45	42.6855, 1.1096	1.6 ml
2024-07-30 07:41:30	38.4672, 38.0517	1.3 ml
2024-07-30 07:41:21	35.5866, -3.5664	2.2 ml
2024-07-30 07:25:30	9.386, -85.831	3.4 m
2024-07-30 07:24:26	35.8631, -3.5657	2.3 ml
2024-07-30 07:16:00	32.129, -101.041	2.9 ml
2024-07-30 07:10:17	34.0665, -117.2977	2.7 ml
2024-07-30 07:06:31	18.8695, -68.1165	3.5 md
2024-07-30 06:58:28	-17.548, -63.639	3.7 m
2024-07-30 06:23:30	38.8606, 31.4836	0.9 ml
2024-07-30 06:10:47	31.663, -104.363	2.5 ml
2024-07-30 06:08:07	35.61, 25.6	2.3 ml
2024-07-30 06:05:56	37.8911, 36.1439	1.4 ml
2024-07-30 06:02:20	37.2881, 29.4414	0.9 ml
2024-07-30 05:57:03	40.8177, 15.1748	2.3 ml
2024-07-30 05:55:14	38.9756, 29.4919	1.0 ml
2024-07-30 05:47:52	28.919, -98.184	2.2 ml
2024-07-30 05:31:23	31.667, -104.362	2.5 ml
2024-07-30 05:14:52	-30.289, 27.512	3.2 m

2024-07-30 04:53:19	37.0427, 28.9248	2.0 ml
2024-07-30 04:52:02	47.3714, -2.7019	3.0 ml
2024-07-30 04:51:59	37.3022, 37.0172	3.0 ml
2024-07-30 04:47:04	40.8228, 36.0087	2.4 ml
2024-07-30 04:33:20	46.2277, 13.2514	0.6 ml
2024-07-30 04:08:09	34.9397, -116.8102	2.6 ml
2024-07-30 04:02:50	15.59, -96.44	4.0 m
2024-07-30 04:00:42	38.1489, 38.5764	1.7 ml
2024-07-30 03:35:02	28.1399, -16.2006	1.6 ml
2024-07-30 03:30:12	38.935, 43.4714	1.4 ml
2024-07-30 03:25:48	11.67, -87.18	2.5 m
2024-07-30 03:18:10	38.6931, 43.0067	1.4 ml
2024-07-30 03:09:23	20.78, 119.92	3.5 m
2024-07-30 03:02:54	38.7069, 43.0025	1.8 ml
2024-07-30 02:59:31	39.8481, 38.9531	1.6 ml
2024-07-30 02:28:16	38.9442, 43.4675	1.8 ml
2024-07-30 02:26:04	-17.077, -65.194	3.3 m
2024-07-30 02:24:09	28.932, -98.234	2.1 ml
2024-07-30 02:08:39	39.836, 22.0024	2.8 ml
2024-07-30 02:07:36	38.1403, 31.6508	1.4 ml
2024-07-30 02:04:54	41.0468, -1.9169	1.7 ml
2024-07-30 02:04:04	38.9217, 43.4869	1.5 ml
2024-07-30 02:02:27	39.67, 21.69	2.1 ml
2024-07-30 01:54:41	39.6533, 38.4033	1.8 ml
2024-07-30 01:44:56	45.6598, 11.1273	0.9 ml
2024-07-30 01:44:31	38.6485, 24.6812	2.9 ml
2024-07-30 01:44:20	42.179, 20.117	2.8 ml
2024-07-30 01:37:55	38.0547, 37.6742	1.1 ml
2024-07-30 01:27:36	29.5389, 98.7776	4.6 mb
2024-07-30 01:23:22	38.49, 21.79	2.5 ml
2024-07-30 01:04:55	39.3832, 144.0941	4.3 mb
2024-07-30 01:01:20	36.41, 71.18	4.2 mb
2024-07-30 01:00:28	34.72, 24.78	2.7 ml
2024-07-30 00:50:05	15.12, -95.12	4.0 m
2024-07-30 00:49:30	10.185, -85.669	3.0 m
2024-07-30 00:45:12	38.9283, 43.4736	2.4 ml
2024-07-30 00:42:14	38.598, 39.6213	2.2 ml
2024-07-30 00:36:54	40.079, 36.0055	2.4 ml

2024-07-30 00:16:40	37.82, 21.08	2.0 ml
2024-07-30 00:16:37	46.9067, -0.7133	2.0 ml
2024-07-30 00:11:46	35.4568, -3.6388	2.3 ml
2024-07-30 00:06:19	34.9443, -116.8017	2.0 ml
2024-07-30 00:02:38	34.9445, -116.7998	2.0 ml

Event Report For Earthquake 2024-07-30_70

Station: AM.R50D6   **Issued At:** 2024-09-02 22:40:05

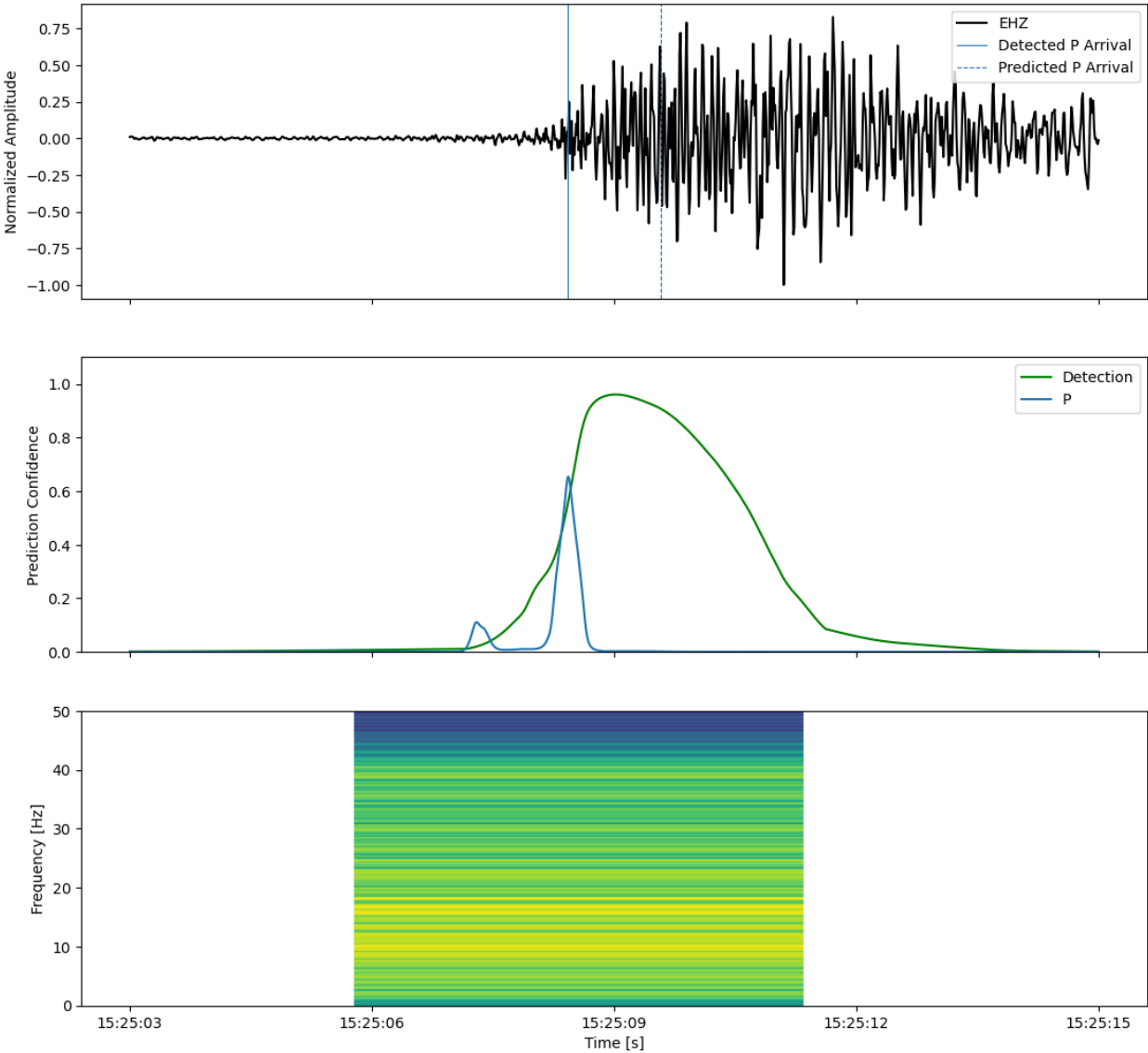Earthquake 2024-07-30_70 - Time: 2024-07-30 17:22:12 - Location: 31.36, -115.41 - Magnitude: 3.2 m

Time:	2024-07-30 17:22:12	Event ID:	2024-07-30_70
Latitude, Longitude:	31.36, -115.41	Epicentral Distance:	8555.87 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/ 20240730_0000259
Depth:	12.5 km	Magnitude:	3.2 m
P Predicted Time:	2024-07-30 17:34:07	P Detected Time:	2024-07-30 17:34:05
P Time Error:	-2.318054	P Confidence:	0.7563853859901428

Event Report For Earthquake 2024-07-30_90

Station: AM.R50D6   **Issued At:** 2024-09-02 22:40:05

Earthquake 2024-07-30_90 - Time: 2024-07-30 15:19:45 - Location: 40.60, 28.79 - Magnitude: 2.8 ml
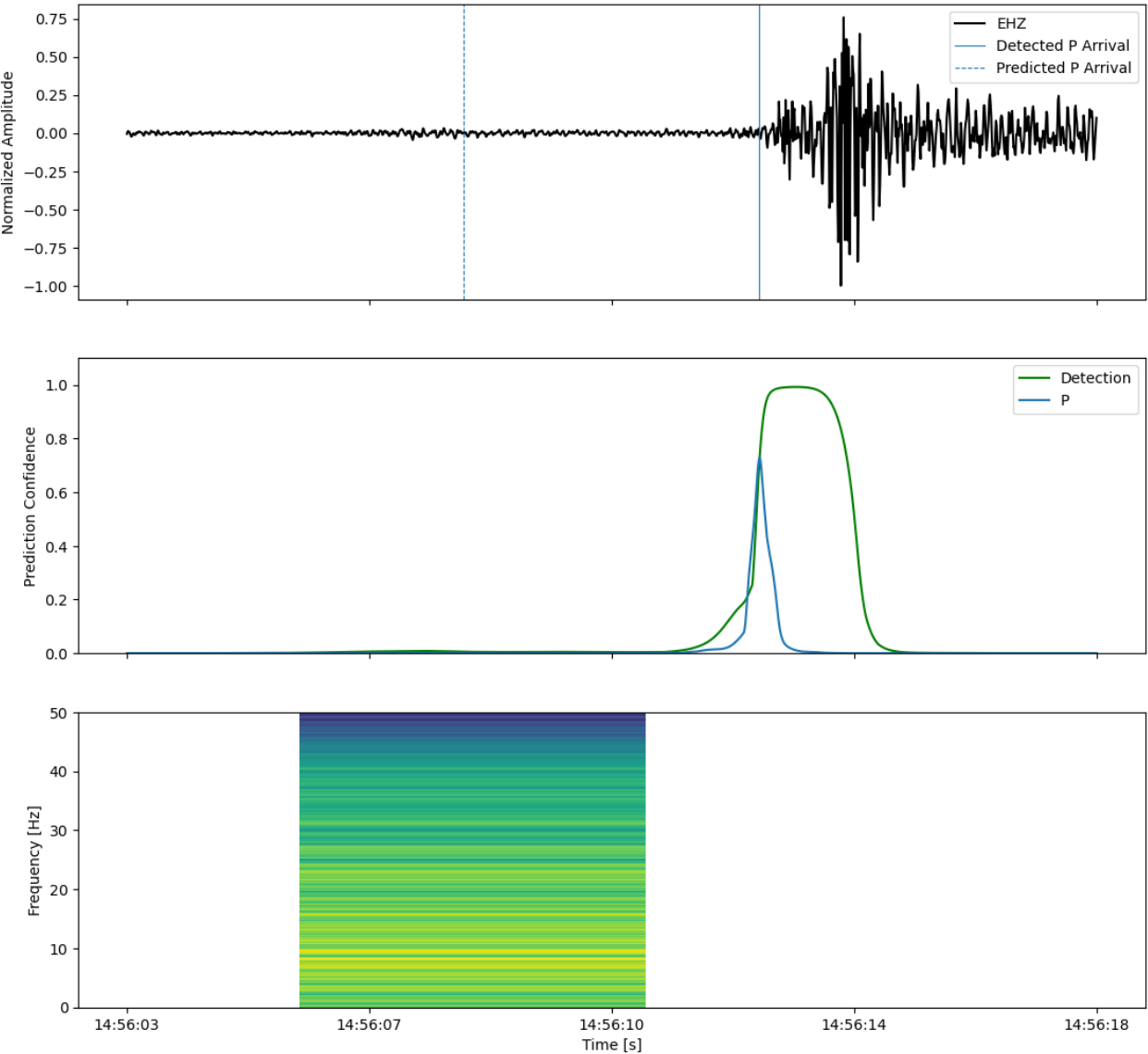

Time:	2024-07-30 15:19:45	Event ID:	2024-07-30_90
Latitude, Longitude:	40.5977, 28.7913	Epicentral Distance:	2730.78 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/20240730_0000166
Depth:	11.8 km	Magnitude:	2.8 ml
P Predicted Time:	2024-07-30 15:25:10	P Detected Time:	2024-07-30 15:25:08
P Time Error:	-1.050355	P Confidence:	0.6543622612953186

Event Report For Earthquake 2024-07-30_96

Station: AM.R50D6   **Issued At:** 2024-09-02 22:40:05

Earthquake 2024-07-30_96 - Time: 2024-07-30 14:51:49 - Location: 37.08, -4.24 - Magnitude: 1.5 ml
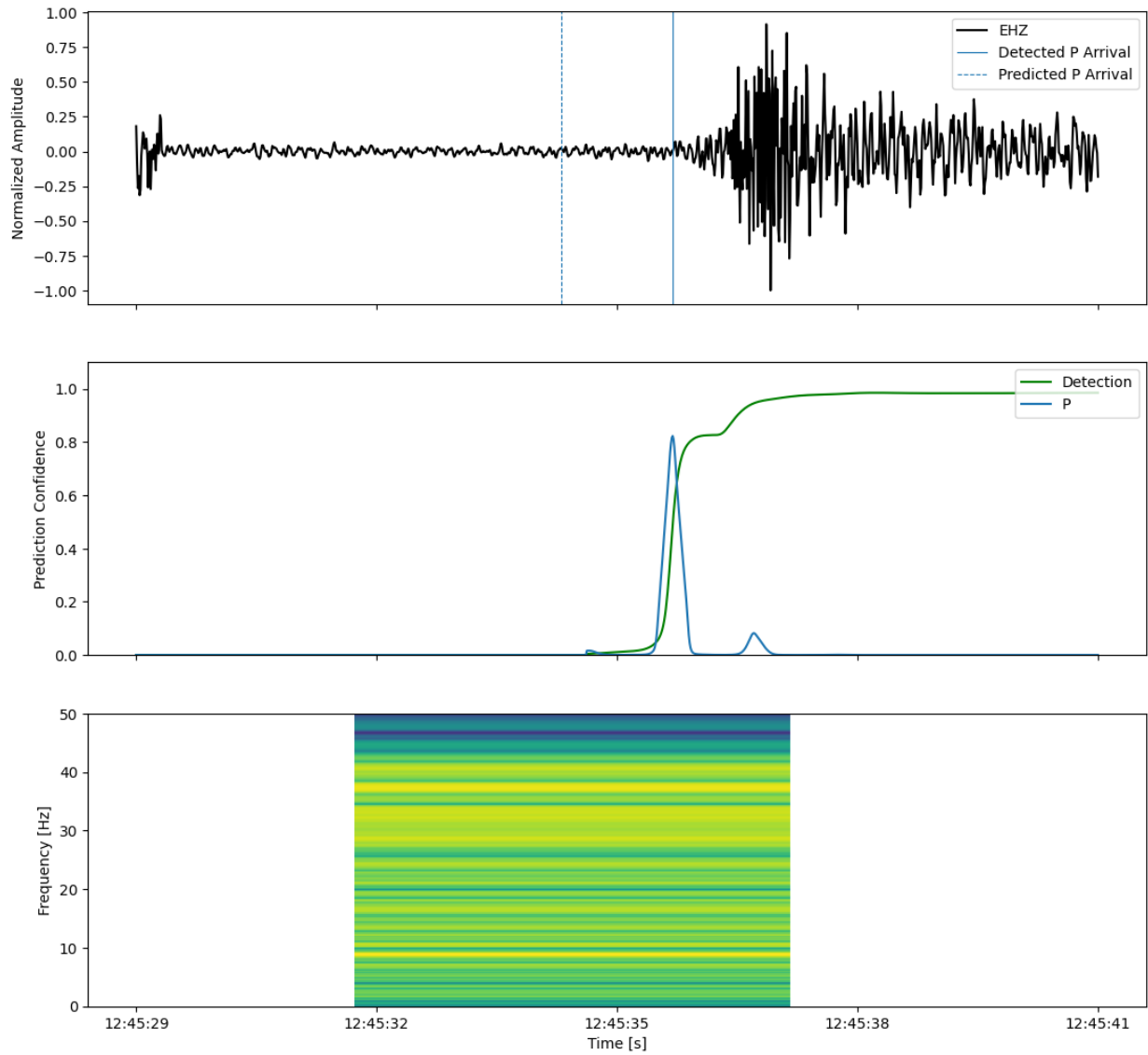

Time:	2024-07-30 14:51:49	Event ID:	2024-07-30_96
Latitude, Longitude:	37.0754, -4.2395	Epicentral Distance:	1977.59 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/20240730_0000183
Depth:	0.0 km	Magnitude:	1.5 ml
P Predicted Time:	2024-07-30 14:56:08	P Detected Time:	2024-07-30 14:56:13
P Time Error:	4.384034	P Confidence:	0.7285130620002747

Event Report For Earthquake 2024-07-30_116

Station: AM.R50D6   **Issued At:** 2024-09-02 22:40:05

Earthquake 2024-07-30_116 - Time: 2024-07-30 12:39:41 - Location: 37.04, 30.52 - Magnitude: 1.5 ml
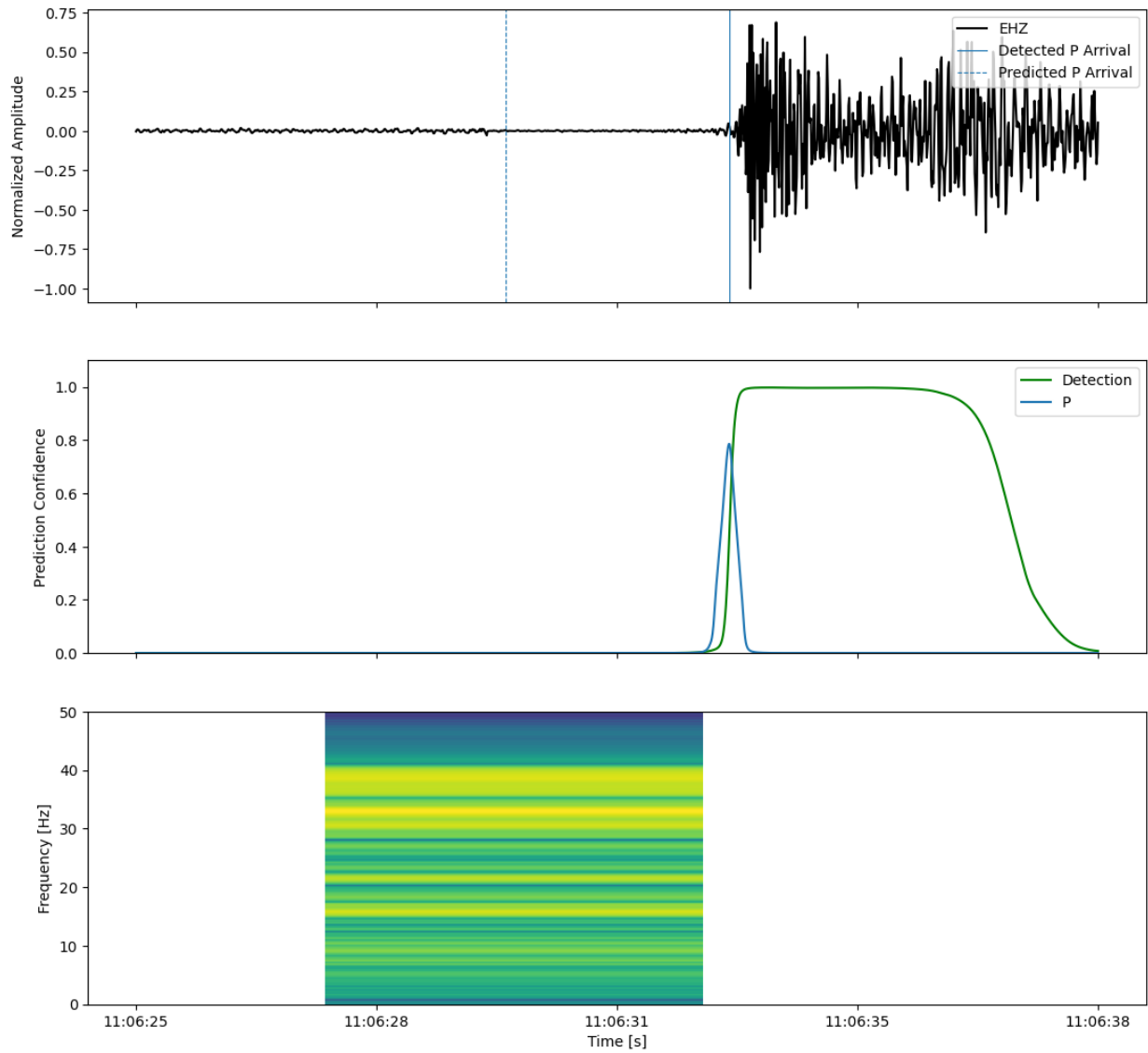

Time:	2024-07-30 12:39:41	Event ID:	2024-07-30_116
Latitude, Longitude:	37.0389, 30.5197	Epicentral Distance:	3123.64 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/ 20240730_0000133
Depth:	7.0 km	Magnitude:	1.5 ml
P Predicted Time:	2024-07-30 12:45:34	P Detected Time:	2024-07-30 12:45:36
P Time Error:	1.308457	P Confidence:	0.8230348229408264

Event Report For Earthquake 2024-07-30_131

Station: AM.R50D6   **Issued At:** 2024-09-02 22:40:05

Earthquake 2024-07-30_131 - Time: 2024-07-30 11:01:20 - Location: 38.37, 22.58 - Magnitude: 2.0 ml
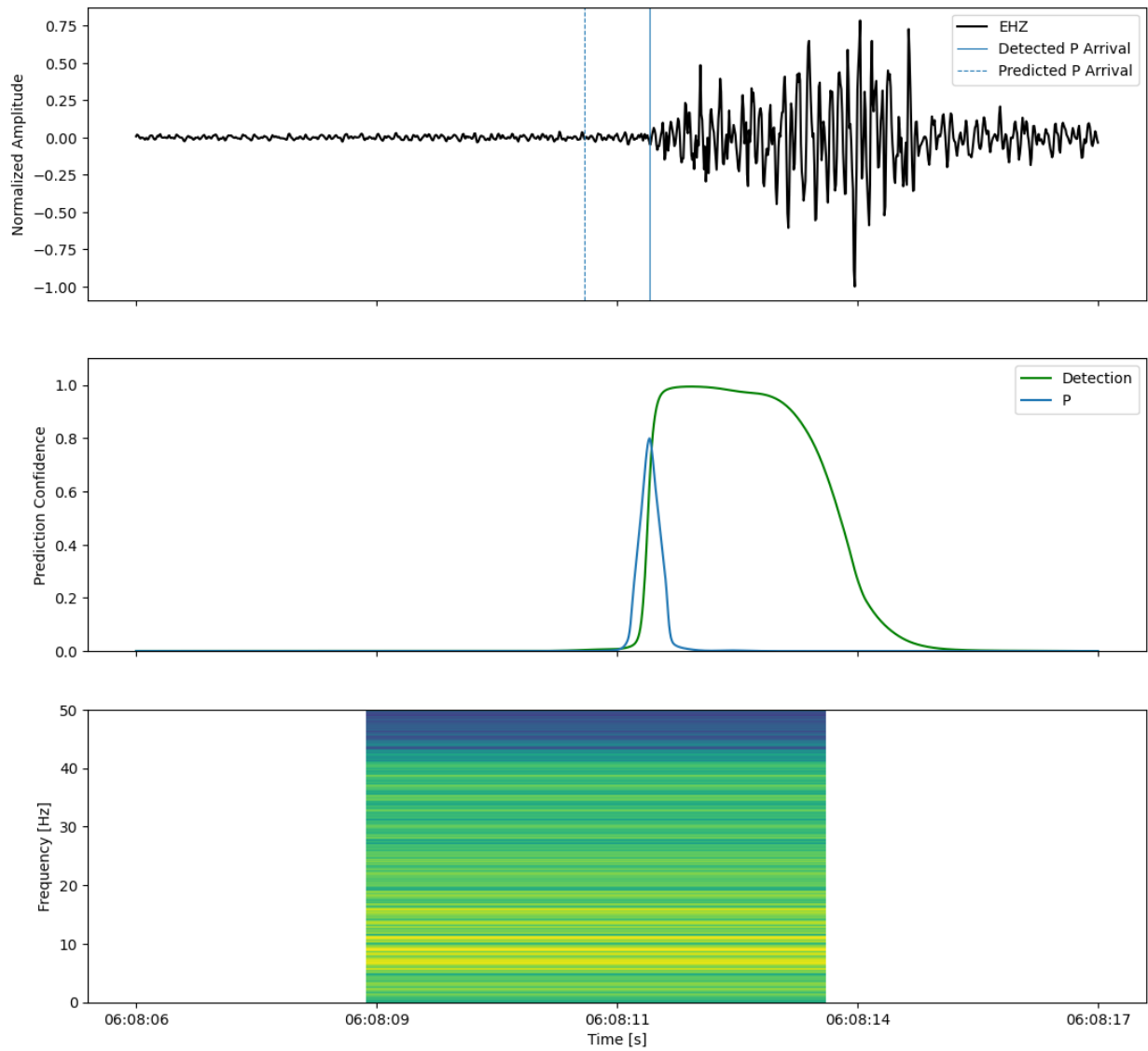

Time:	2024-07-30 11:01:20	Event ID:	2024-07-30_131
Latitude, Longitude:	38.37, 22.58	Epicentral Distance:	2569.38 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/ 20240730_0000105
Depth:	10.0 km	Magnitude:	2.0 ml
P Predicted Time:	2024-07-30 11:06:30	P Detected Time:	2024-07-30 11:06:33
P Time Error:	3.030019	P Confidence:	0.7856049537658691

Event Report For Earthquake 2024-07-30_178

Station: AM.R50D6   **Issued At:** 2024-09-02 22:40:05

Earthquake 2024-07-30_178 - Time: 2024-07-30 06:02:20 - Location: 37.29, 29.44 - Magnitude: 0.9 ml
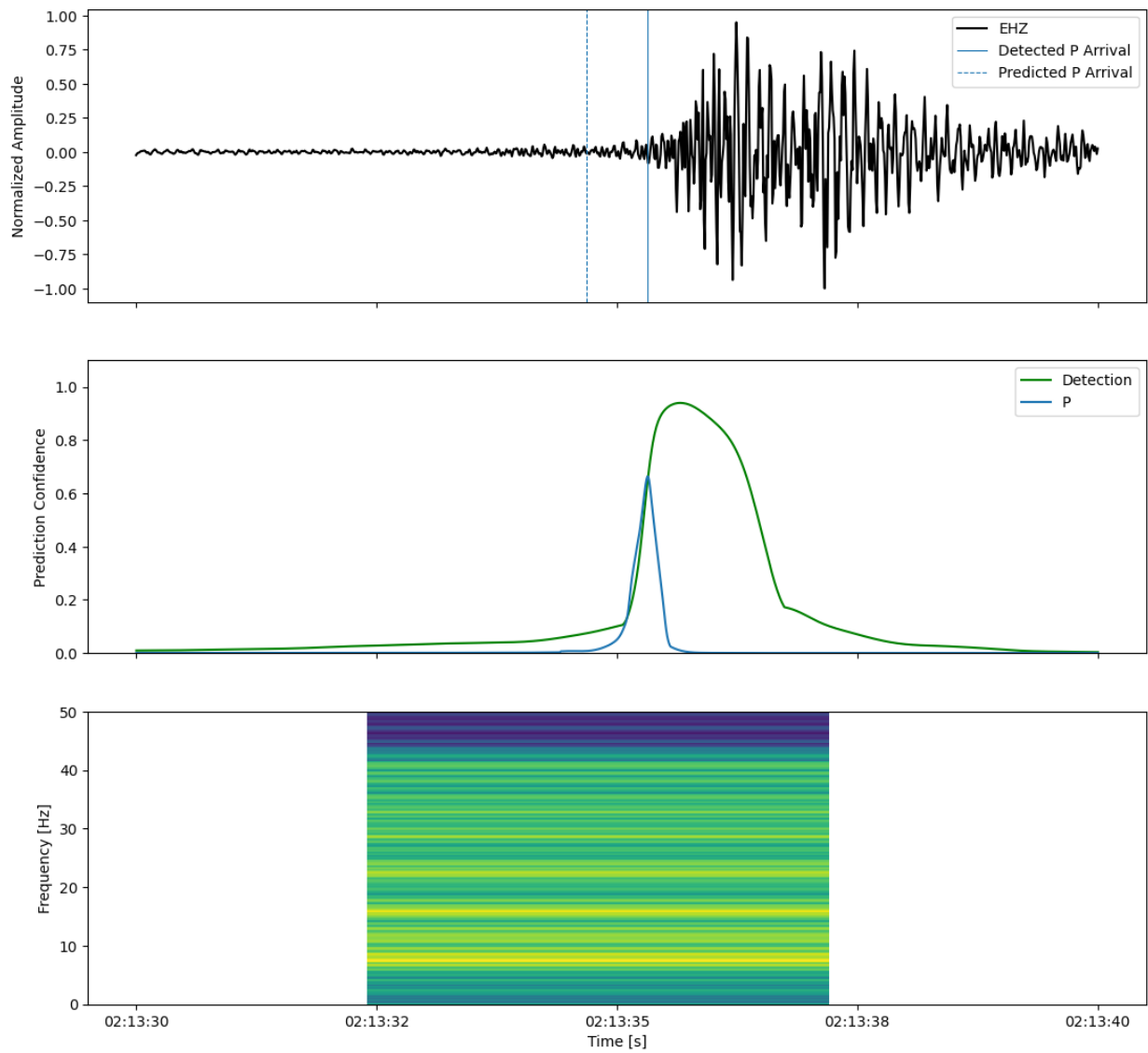

Time:	2024-07-30 06:02:20	Event ID:	2024-07-30_178
Latitude, Longitude:	37.2881, 29.4414	Epicentral Distance:	3040.56 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/ 20240730_0000065
Depth:	6.2 km	Magnitude:	0.9 ml
P Predicted Time:	2024-07-30 06:08:11	P Detected Time:	2024-07-30 06:08:12
P Time Error:	0.720961	P Confidence:	0.7995539307594299

Event Report For Earthquake 2024-07-30_202

Station: AM.R50D6   **Issued At:** 2024-09-02 22:40:05

Earthquake 2024-07-30_202 - Time: 2024-07-30 02:08:39 - Location: 39.84, 22.00 - Magnitude: 2.8 ml

Time:	2024-07-30 02:08:39	Event ID:	2024-07-30_202
Latitude, Longitude:	39.836, 22.0024	Epicentral Distance:	2410.01 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/ 20240730_0000025
Depth:	11.7 km	Magnitude:	2.8 ml
P Predicted Time:	2024-07-30 02:13:35	P Detected Time:	2024-07-30 02:13:35
P Time Error:	0.673117	P Confidence:	0.6633105874061584