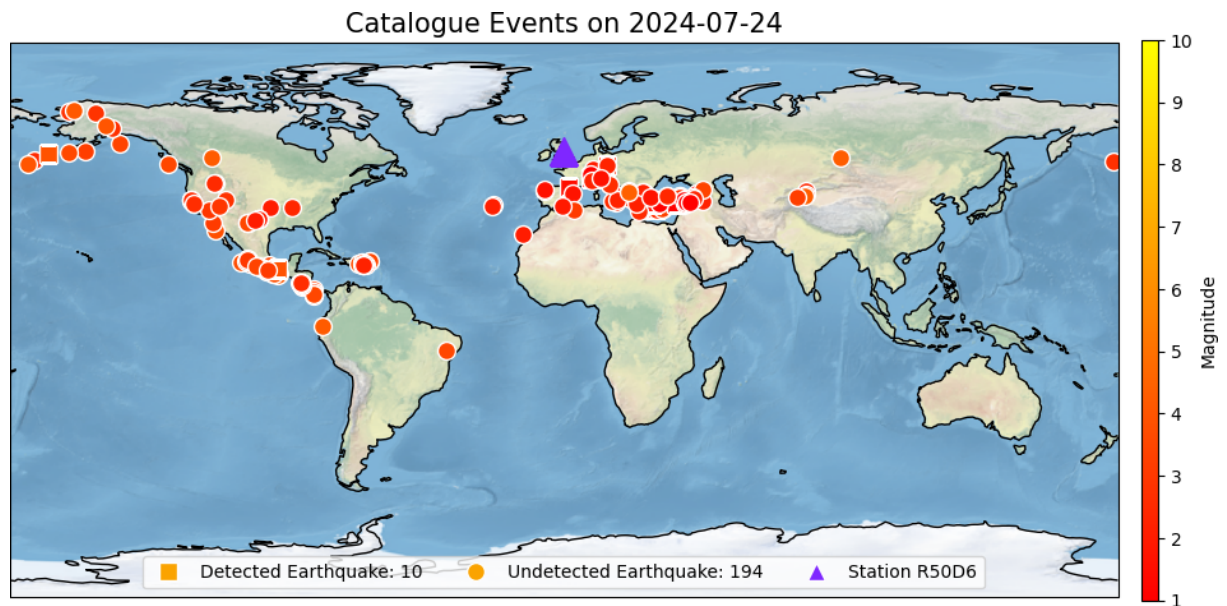


# Earthquake Report for 2024-07-24

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

## Catalogued Earthquake Plot



## Detected and Catalogued Earthquakes

Time	Location	Magnitude
2024-07-24 23:55:32	36.27, 25.64	2.2 ml
2024-07-24 23:29:40	38.3714, 37.5194	2.0 ml
2024-07-24 23:26:49	11.89, -86.52	3.2 m
2024-07-24 23:22:53	18.8025, -67.2163	3.1 md
2024-07-24 23:13:08	37.8939, 35.1442	1.6 ml
2024-07-24 23:09:43	40.0353, 36.0281	1.7 ml
2024-07-24 23:08:24	39.0492, -111.5263	2.8 ml
2024-07-24 22:59:15	39.6833, 26.4178	1.4 ml
2024-07-24 22:36:40	38.0233, 27.2969	1.3 ml
2024-07-24 22:35:54	18.73, -106.59	3.7 m
2024-07-24 22:34:25	28.99, -114.95	3.8 m
2024-07-24 22:21:03	15.9, -95.6	3.9 m
2024-07-24 22:14:17	38.6264, 39.5536	1.6 ml
2024-07-24 22:08:52	37.462, -24.539	2.7 ml
2024-07-24 22:08:30	46.6712, 8.5093	0.9 ml

2024-07-24 22:07:07	19.35, -103.98	3.4 m
2024-07-24 22:03:38	43.0006, -0.1004	1.5 ml
2024-07-24 22:02:09	35.7715, 25.5183	2.5 ml
2024-07-24 21:52:41	12.17, -87.49	2.7 m
2024-07-24 21:51:55	17.04, -95.27	3.5 m
2024-07-24 21:42:16	36.21, 25.54	2.1 ml
2024-07-24 21:39:39	52.7498, -116.2054	4.2 m
2024-07-24 21:18:50	39.0342, 27.8822	2.0 ml
2024-07-24 21:10:18	38.4369, 37.3144	1.6 ml
2024-07-24 21:07:18	38.5173, 37.24	2.0 ml
2024-07-24 21:01:32	18.48, -103.68	3.4 m
2024-07-24 20:50:02	44.3575, -115.1597	2.8 ml
2024-07-24 20:45:55	32.769, -100.668	3.3 ml
2024-07-24 20:33:04	40.0661, 36.0503	2.7 ml
2024-07-24 20:32:36	57.0714, -145.992	3.4 ml
2024-07-24 20:27:59	16.04, -98.29	3.3 m
2024-07-24 20:20:11	40.0375, 36.0423	4.0 mw
2024-07-24 20:16:45	-9.9378, -39.8641	3.5 mr
2024-07-24 20:13:18	38.6887, -122.5023	2.3 md
2024-07-24 20:13:08	41.0016, 1.3122	1.7 ml
2024-07-24 20:11:50	31.38, -115.51	3.1 m
2024-07-24 20:07:02	51.4395, 177.0464	2.7 ml
2024-07-24 20:07:01	46.0329, 6.8547	1.1 ml
2024-07-24 19:56:30	14.88, -94.14	3.9 m
2024-07-24 19:35:34	19.75, -104.43	3.0 m
2024-07-24 19:32:46	17.76, -97.27	3.5 m
2024-07-24 19:30:44	36.24, 25.46	2.1 ml
2024-07-24 19:22:27	16.02, -98.23	3.6 m
2024-07-24 19:18:30	9.856, -82.918	3.2 m
2024-07-24 19:16:48	35.8979, 1.4451	3.1 mb
2024-07-24 19:05:21	36.1068, 28.4267	2.5 ml
2024-07-24 19:01:26	15.93, -98.17	3.3 m
2024-07-24 18:57:36	19.2, -104.03	3.5 m
2024-07-24 18:41:43	50.449, -130.2106	3.5 m
2024-07-24 18:34:30	9.37, -82.765	3.1 m
2024-07-24 18:28:45	62.2883, -148.264	2.7 ml
2024-07-24 18:28:13	38.0339, 29.1753	1.7 ml
2024-07-24 17:52:52	45.8787, 7.0087	1.3 ml

2024-07-24 17:45:29	40.0347, 36.0422	2.0 ml
2024-07-24 17:44:41	54.9536, -157.2052	3.2 ml
2024-07-24 17:42:07	38.0289, 37.6256	1.5 ml
2024-07-24 17:28:48	38.1502, 15.1733	2.3 ml
2024-07-24 17:18:02	32.762, -100.666	2.3 ml
2024-07-24 17:13:41	41.683, 19.563	2.3 ml
2024-07-24 17:07:10	52.0092, -173.7001	2.5 ml
2024-07-24 17:00:11	40.0722, 36.0219	1.7 ml
2024-07-24 16:59:09	37.56, 23.1	2.5 ml
2024-07-24 16:55:44	40.0514, 36.0244	2.6 ml
2024-07-24 16:52:35	35.516, 28.5742	2.6 ml
2024-07-24 16:48:29	32.7833, -100.6548	3.0 ml
2024-07-24 16:46:44	45.8792, 7.0102	1.4 ml
2024-07-24 16:38:30	45.8805, 7.012	2.1 ml
2024-07-24 16:17:39	46.2826, 7.262	1.0 ml
2024-07-24 16:01:53	40.2773, 24.1264	2.5 ml
2024-07-24 15:45:41	44.3388, -114.8702	2.4 ml
2024-07-24 15:35:46	17.9492, -66.8385	2.7 md
2024-07-24 15:34:00	46.4196, 7.5409	0.5 ml
2024-07-24 15:25:19	37.3886, 37.0986	1.7 ml
2024-07-24 15:11:36	40.0517, 36.0297	2.7 ml
2024-07-24 14:52:20	44.1212, 13.08	2.0 ml
2024-07-24 14:48:30	8.144, -82.86	3.6 m
2024-07-24 14:38:56	41.81, 77.01	2.4 m
2024-07-24 14:30:19	39.41, 38.5042	2.5 ml
2024-07-24 14:24:11	40.7038, 15.4768	2.1 ml
2024-07-24 14:15:30	8.169, -82.849	3.8 m
2024-07-24 14:13:38	44.3736, -115.2159	2.5 ml
2024-07-24 13:47:39	52.7038, 88.1366	4.3 mb
2024-07-24 13:45:29	40.17, 20.7	2.0 ml
2024-07-24 13:42:24	37.09, -24.857	2.1 ml
2024-07-24 13:31:58	37.0743, -1.9792	1.9 ml
2024-07-24 13:27:51	19.0357, -64.5158	3.8 md
2024-07-24 13:18:54	35.8094, -116.7626	2.9 ml
2024-07-24 12:47:22	38.3513, 38.7822	2.2 ml
2024-07-24 12:46:53	17.483, -100.9372	4.4 mb
2024-07-24 12:46:50	31.6705, -104.4097	2.4 ml
2024-07-24 12:43:07	36.708, -97.1433	2.0 ml

2024-07-24 12:42:04	41.3, 23.85	2.4 ml
2024-07-24 12:32:54	36.6173, -89.8677	2.4 md
2024-07-24 12:32:54	32.762, -100.64	2.2 ml
2024-07-24 12:27:57	40.2188, 31.7508	2.4 ml
2024-07-24 12:20:44	38.2692, 38.8175	1.6 ml
2024-07-24 12:04:27	39.3708, 26.2903	1.4 ml
2024-07-24 11:55:13	38.1567, 36.8342	2.7 ml
2024-07-24 11:40:53	32.762, -100.636	2.4 ml
2024-07-24 11:37:53	67.8406, -160.8053	2.6 ml
2024-07-24 11:18:30	8.4, -82.727	3.2 m
2024-07-24 11:14:23	41.1722, 41.4275	1.0 ml
2024-07-24 11:13:57	40.28, 24.16	2.4 ml
2024-07-24 11:12:57	42.0923, -7.9953	1.8 ml
2024-07-24 10:53:46	39.2617, 19.7749	2.3 ml
2024-07-24 10:49:08	35.9586, 30.5761	2.0 ml
2024-07-24 10:44:19	38.2758, 28.4275	1.1 ml
2024-07-24 10:41:19	40.27, 24.1	2.0 ml
2024-07-24 10:39:54	38.19, 22.78	2.0 ml
2024-07-24 10:36:30	7.739, -82.884	3.3 m
2024-07-24 10:34:06	14.73, -94.55	4.1 m
2024-07-24 10:14:07	31.682, -104.395	2.6 ml
2024-07-24 10:10:14	39.2119, 29.2533	1.6 ml
2024-07-24 10:06:28	17.14, -100.14	3.4 m
2024-07-24 10:05:32	53.8188, -169.0758	3.9 ml
2024-07-24 10:02:45	37.0825, 30.8261	2.0 ml
2024-07-24 09:52:24	67.2436, -153.7771	2.8 ml
2024-07-24 09:47:03	10.89, -86.45	2.7 m
2024-07-24 09:44:47	15.0, -96.04	3.8 m
2024-07-24 09:37:54	62.9354, -150.4953	4.0 mb
2024-07-24 09:31:30	8.181, -82.826	3.5 m
2024-07-24 09:20:13	38.7367, 43.3539	2.2 ml
2024-07-24 09:07:43	54.253, -162.4398	3.6 ml
2024-07-24 08:34:54	46.1307, 10.5373	1.5 ml
2024-07-24 08:26:22	39.7623, 24.1745	2.5 ml
2024-07-24 08:20:57	38.1253, 37.5228	2.4 ml
2024-07-24 08:20:50	16.75, -99.17	3.2 m
2024-07-24 08:14:30	32.766, -100.655	2.0 ml
2024-07-24 08:13:53	17.9537, -66.8772	2.3 md

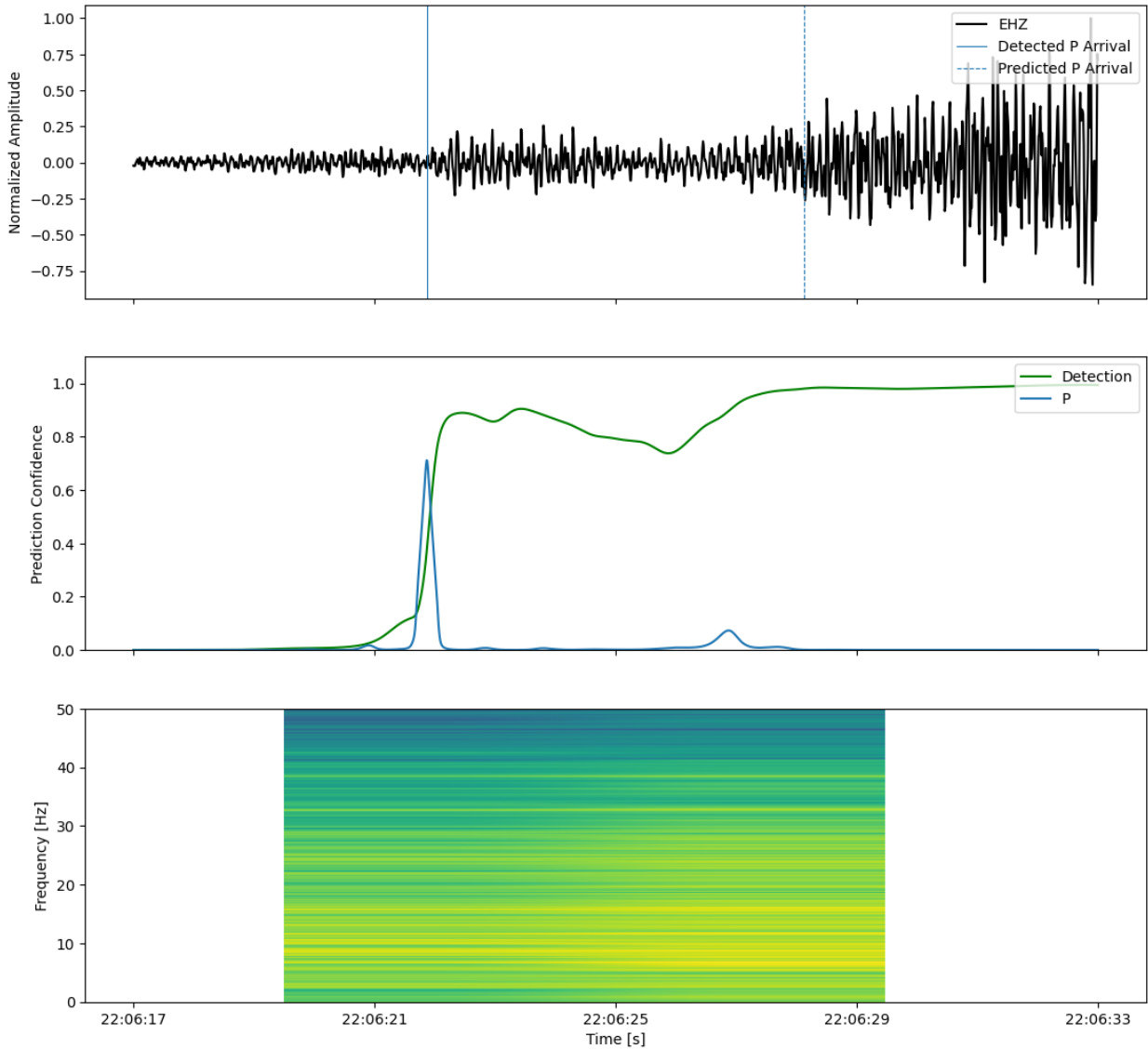
2024-07-24 08:08:52	38.4687, 14.2088	2.6 ml
2024-07-24 08:06:37	11.29, -86.78	3.0 m
2024-07-24 08:05:38	16.34, -97.9	3.2 m
2024-07-24 07:49:59	19.1775, -64.4968	3.5 md
2024-07-24 07:46:46	42.42, 43.69	3.4 mb
2024-07-24 07:40:47	37.863, -121.7721	2.4 md
2024-07-24 07:14:11	35.9587, 30.3895	3.3 ml
2024-07-24 07:08:27	19.26, -104.83	3.1 m
2024-07-24 07:03:27	48.894, 7.937	2.0 ml
2024-07-24 06:54:31	15.09, -95.72	3.8 m
2024-07-24 06:44:47	31.603, -103.933	2.1 ml
2024-07-24 06:32:45	18.25, -68.4416	3.7 md
2024-07-24 06:29:30	40.48, 76.97	3.0 m
2024-07-24 05:59:08	12.11, -86.85	2.6 m
2024-07-24 05:50:22	40.27, 24.12	2.0 ml
2024-07-24 05:47:53	37.9708, 27.1483	1.6 ml
2024-07-24 05:45:57	38.0683, 37.9761	3.2 ml
2024-07-24 05:30:44	17.57, -101.15	3.2 m
2024-07-24 05:24:40	38.2406, 37.7983	1.3 ml
2024-07-24 05:21:22	19.72, -104.47	3.0 m
2024-07-24 05:17:58	38.1083, 38.4586	2.9 ml
2024-07-24 05:17:44	16.66, -94.48	3.9 m
2024-07-24 05:16:23	11.6, -87.07	3.1 m
2024-07-24 05:06:48	37.8375, 36.2508	1.9 ml
2024-07-24 05:05:16	38.1536, 38.4681	1.3 ml
2024-07-24 04:56:39	39.7544, 40.2586	1.6 ml
2024-07-24 04:56:18	18.8775, -67.33	3.5 md
2024-07-24 04:56:03	17.54, -101.4	3.4 m
2024-07-24 04:44:26	16.23, -98.03	3.1 m
2024-07-24 04:44:22	31.6779, -104.4181	3.5 ml
2024-07-24 04:33:45	37.1468, -113.5115	2.9 ml
2024-07-24 04:33:21	67.6159, -162.4092	2.7 ml
2024-07-24 04:27:05	41.3, 23.85	2.2 ml
2024-07-24 04:26:12	17.9412, -65.7943	2.7 md
2024-07-24 04:25:35	27.9947, -15.1333	2.0 ml
2024-07-24 04:04:50	18.2465, -66.4203	2.6 md
2024-07-24 03:56:16	47.3675, 6.9158	0.3 ml
2024-07-24 03:52:21	32.362, -102.172	2.0 ml

2024-07-24 03:31:24	40.163, 76.5818	4.3 mw
2024-07-24 03:25:58	11.81, -87.25	2.6 m
2024-07-24 03:23:36	35.4645, 22.646	2.5 ml
2024-07-24 03:17:54	39.7736, 40.3172	1.8 ml
2024-07-24 03:09:20	50.4551, -175.9199	4.0 ml
2024-07-24 03:08:13	67.8495, -160.8933	4.1 ml
2024-07-24 03:01:51	39.2723, 40.4475	2.3 ml
2024-07-24 02:55:54	37.8194, 34.9189	0.9 ml
2024-07-24 02:53:53	37.8217, 34.9611	1.0 ml
2024-07-24 02:44:10	17.9638, -66.9225	2.9 md
2024-07-24 02:13:50	18.0035, -67.0415	2.0 md
2024-07-24 02:13:18	39.0977, 15.6565	2.2 ml
2024-07-24 02:03:59	37.9628, 37.8336	2.1 ml
2024-07-24 02:03:05	39.0356, 37.4203	0.8 ml
2024-07-24 01:54:50	41.722, 19.553	2.2 ml
2024-07-24 01:54:23	50.367, 12.487	2.3 ml
2024-07-24 01:49:32	38.8487, -122.8303	2.2 md
2024-07-24 01:47:36	38.8487, -122.8288	2.3 md
2024-07-24 01:46:43	38.8321, -122.7803	2.5 md
2024-07-24 01:43:43	39.92, 74.36	3.2 m
2024-07-24 01:41:11	50.366, 12.481	2.3 ml
2024-07-24 01:40:52	37.8886, 29.4225	1.0 ml
2024-07-24 01:35:49	18.0188, -66.804	2.2 md
2024-07-24 01:26:35	44.082, 13.1765	2.6 ml
2024-07-24 01:09:59	37.8458, -121.8028	2.6 md
2024-07-24 01:04:28	12.16, -87.03	2.6 m
2024-07-24 01:02:23	40.1689, 31.7553	1.9 ml
2024-07-24 00:56:28	38.0942, 38.1197	0.8 ml
2024-07-24 00:49:46	42.2135, -7.9713	1.6 ml
2024-07-24 00:47:11	37.78, 21.97	2.1 ml
2024-07-24 00:46:49	38.3908, 39.3169	0.9 ml
2024-07-24 00:43:58	45.147, 7.4805	2.2 ml
2024-07-24 00:42:07	41.6538, 19.4209	4.4 mw
2024-07-24 00:35:11	-2.08, -80.19	4.2 m
2024-07-24 00:18:59	46.0107, 10.5418	1.6 ml
2024-07-24 00:16:51	39.6906, 26.4022	1.7 ml
2024-07-24 00:15:15	40.1815, 31.7387	2.4 ml

Event Report For Earthquake 2024-07-24\_102

Station: AM.R50D6    Issued At: 2024-08-25 15:53:50

Earthquake 2024-07-24\_102 - Time: 2024-07-24 22:03:38 - Location: 43.00, -0.10 - Magnitude: 1.5 ml

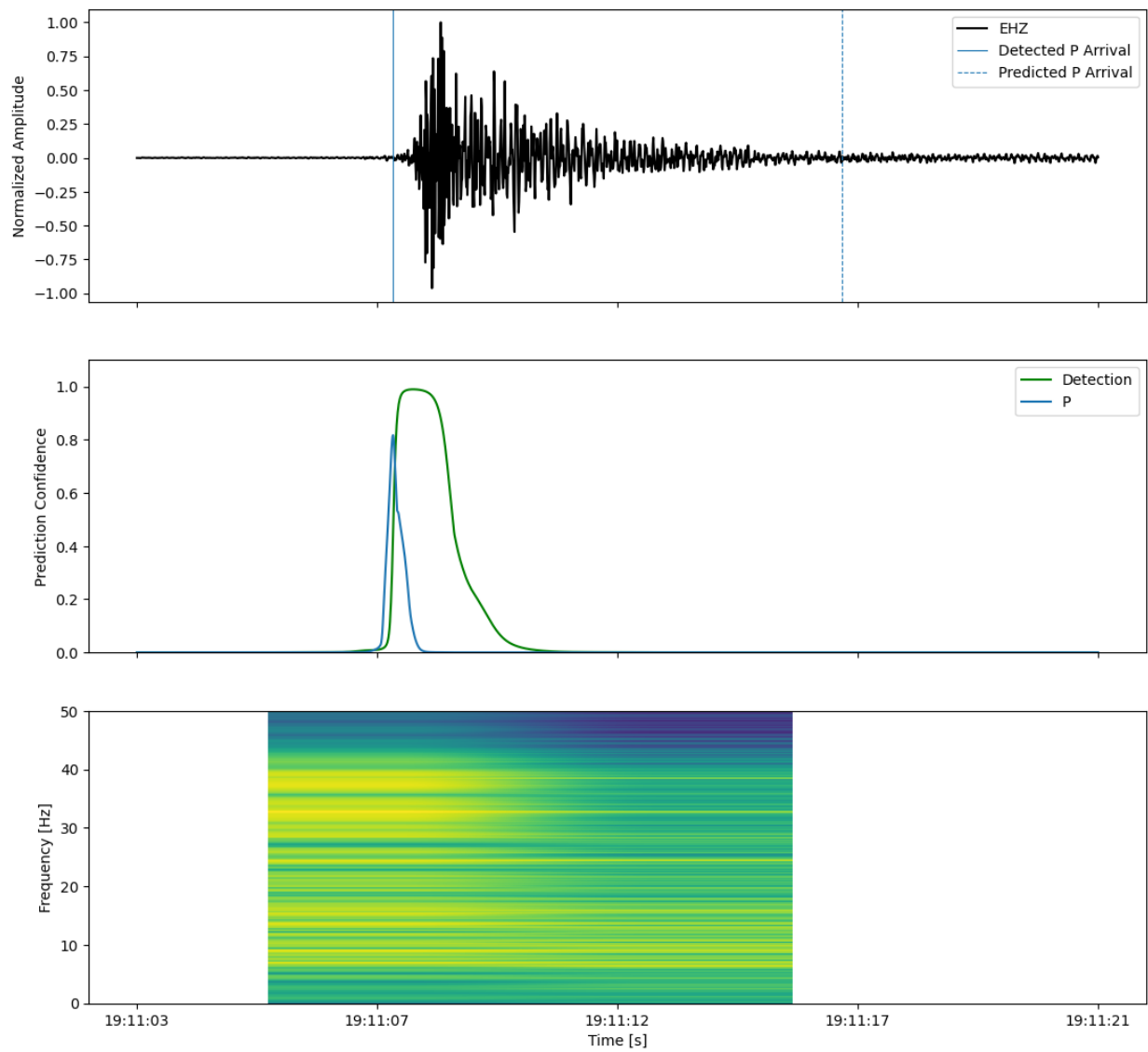


Time:	2024-07-24 22:03:38	Event ID:	2024-07-24_102
Latitude, Longitude:	43.0006, -0.1004	Epicentral Distance:	1312.51 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/20240724_0000375
Depth:	0.0 km	Magnitude:	1.5 ml
P Predicted Time:	2024-07-24 22:06:28	P Detected Time:	2024-07-24 22:06:22
P Time Error:	-6.437357	P Confidence:	0.7118343710899353

Event Report For Earthquake 2024-07-24\_131

Station: AM.R50D6    Issued At: 2024-08-25 15:53:50

Earthquake 2024-07-24\_131 - Time: 2024-07-24 19:05:21 - Location: 36.11, 28.43 - Magnitude: 2.5 ml



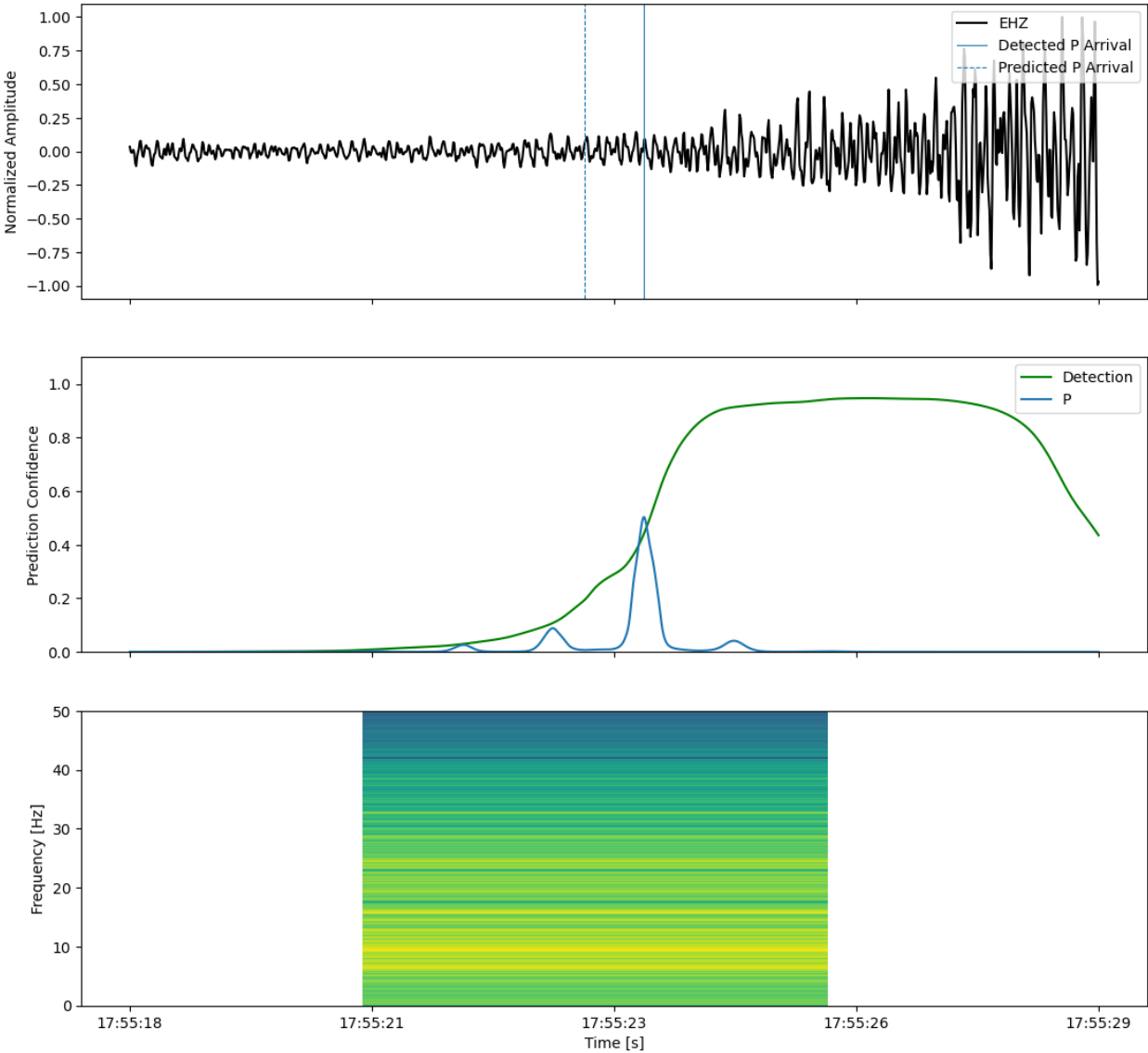
Time:	2024-07-24 19:05:21	Event ID:	2024-07-24_131
Latitude, Longitude:	36.1068, 28.4267	Epicentral Distance:	3084.93 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/20240724_0000289
Depth:	26.5 km	Magnitude:	2.5 ml
P Predicted Time:	2024-07-24 19:11:16	P Detected Time:	2024-07-24 19:11:08
P Time Error:	-8.755114	P Confidence:	0.8171781301498413



Event Report For Earthquake 2024-07-24\_138

Station: AM.R50D6    Issued At: 2024-08-25 15:53:50

Earthquake 2024-07-24\_138 - Time: 2024-07-24 17:52:52 - Location: 45.88, 7.01 - Magnitude: 1.3 ml

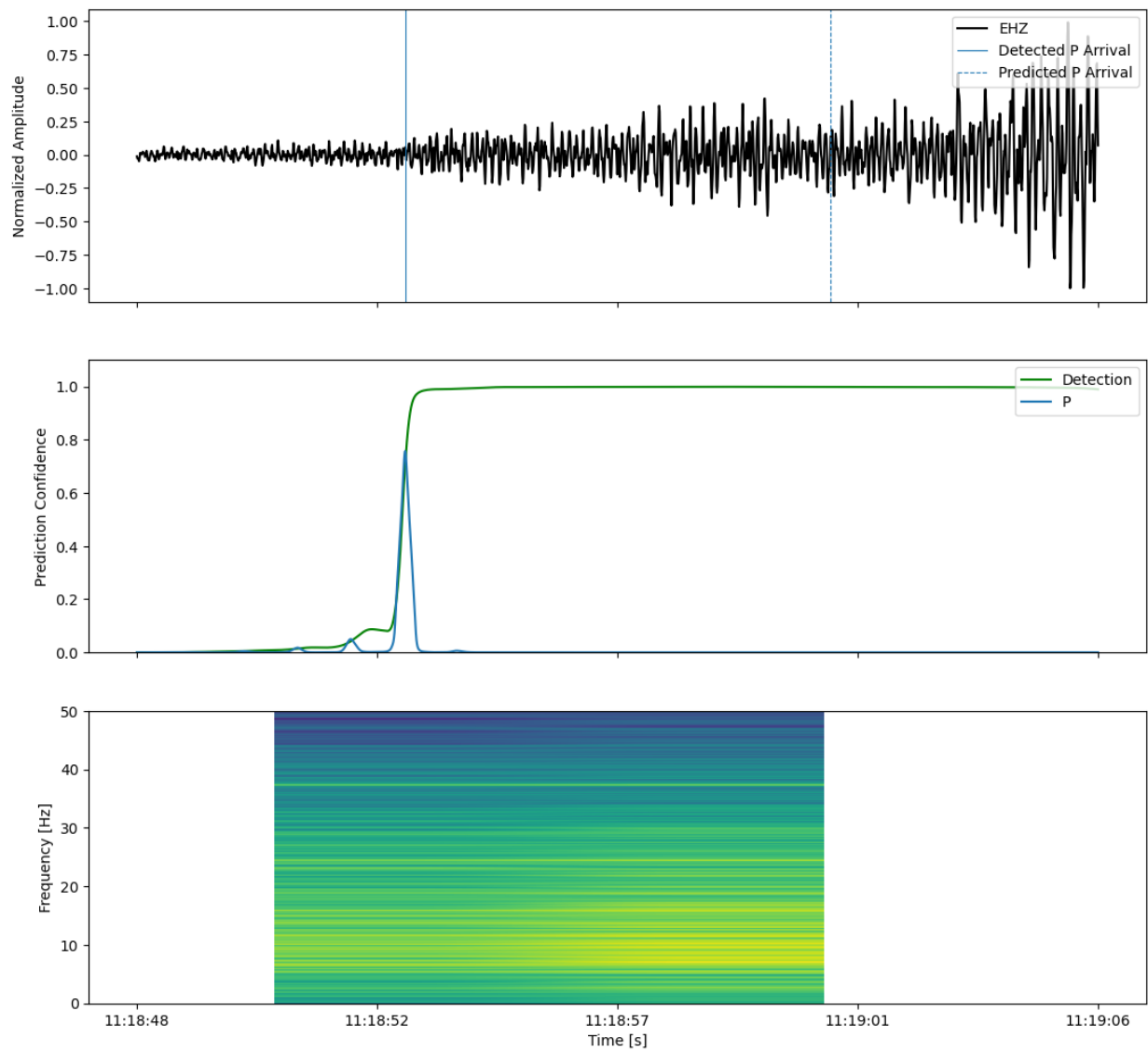


Time:	2024-07-24 17:52:52	Event ID:	2024-07-24_138
Latitude, Longitude:	45.8787, 7.0087	Epicentral Distance:	1158.60 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/20240724_0000269
Depth:	0.9 km	Magnitude:	1.3 ml
P Predicted Time:	2024-07-24 17:55:23	P Detected Time:	2024-07-24 17:55:24
P Time Error:	0.65988	P Confidence:	0.5037354230880737

Event Report For Earthquake 2024-07-24\_188

Station: AM.R50D6    Issued At: 2024-08-25 15:53:50

Earthquake 2024-07-24\_188 - Time: 2024-07-24 11:13:57 - Location: 40.28, 24.16 - Magnitude: 2.4 ml

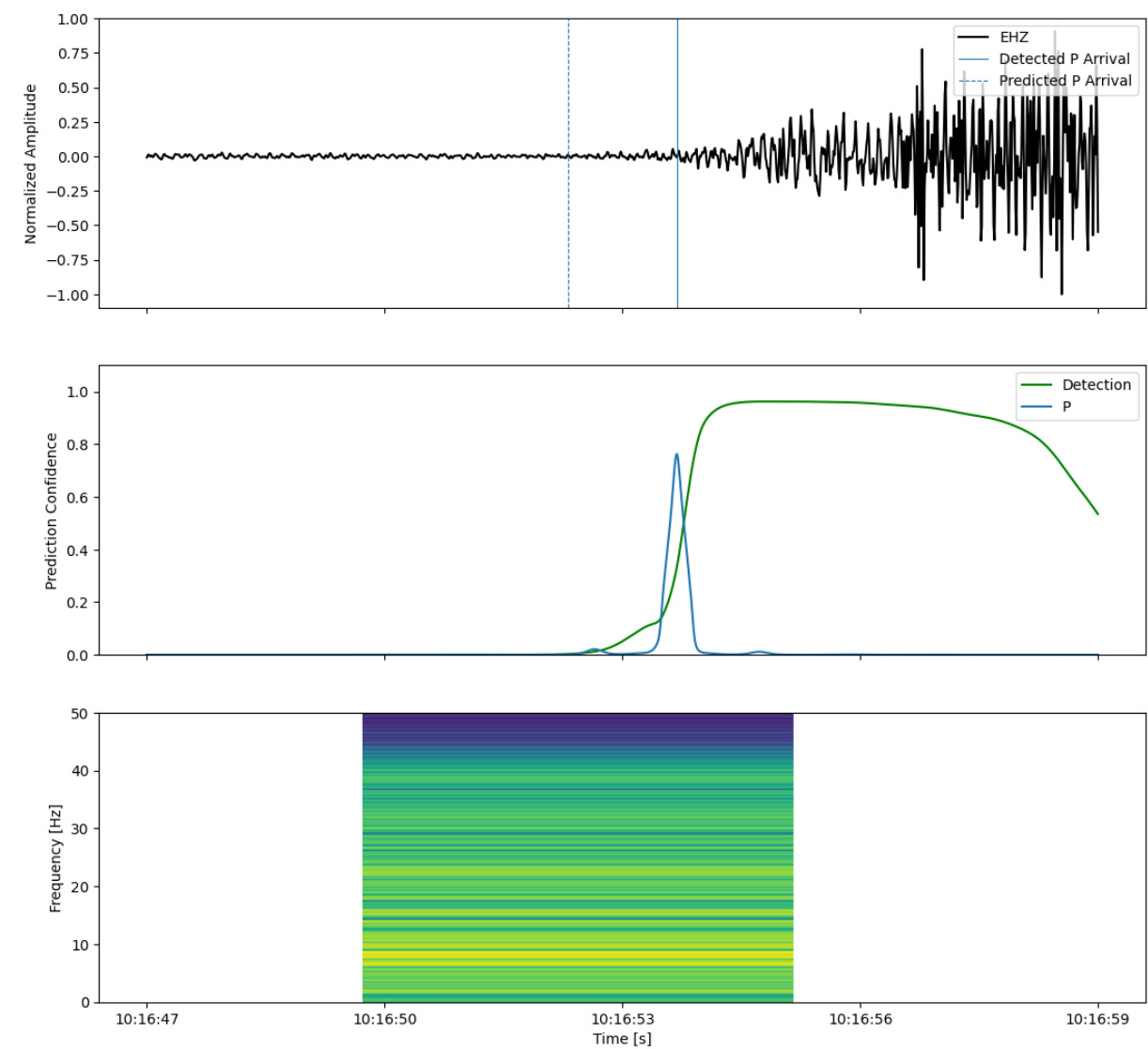


Time:	2024-07-24 11:13:57	Event ID:	2024-07-24_188
Latitude, Longitude:	40.28, 24.16	Epicentral Distance:	2489.88 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/20240724_0000153
Depth:	10.0 km	Magnitude:	2.4 ml
P Predicted Time:	2024-07-24 11:19:01	P Detected Time:	2024-07-24 11:18:53
P Time Error:	-7.91441	P Confidence:	0.7576265931129456

Event Report For Earthquake 2024-07-24\_200

Station: AM.R50D6    Issued At: 2024-08-25 15:53:50

Earthquake 2024-07-24\_200 - Time: 2024-07-24 10:05:32 - Location: 53.82, -169.08 - Magnitude: 3.9 ml

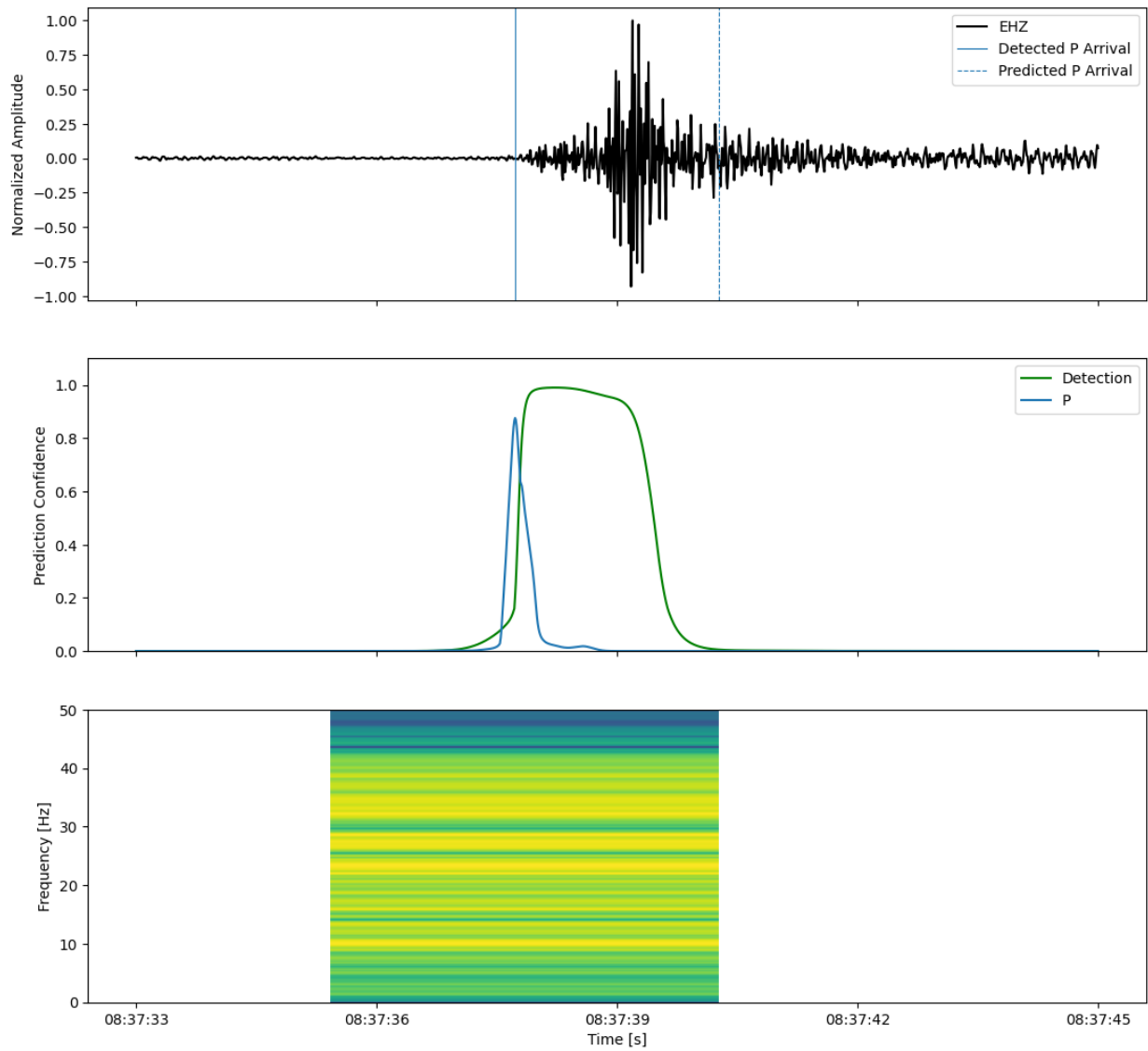


Time:	2024-07-24 10:05:32	Event ID:	2024-07-24_200
Latitude, Longitude:	53.8188, -169.0758	Epicentral Distance:	7886.82 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/20240724_0000141
Depth:	274.7 km	Magnitude:	3.9 ml
P Predicted Time:	2024-07-24 10:16:52	P Detected Time:	2024-07-24 10:16:54
P Time Error:	1.298262	P Confidence:	0.7630041241645813

Event Report For Earthquake 2024-07-24\_209

Station: AM.R50D6    Issued At: 2024-08-25 15:53:50

Earthquake 2024-07-24\_209 - Time: 2024-07-24 08:34:54 - Location: 46.13, 10.54 - Magnitude: 1.5 ml

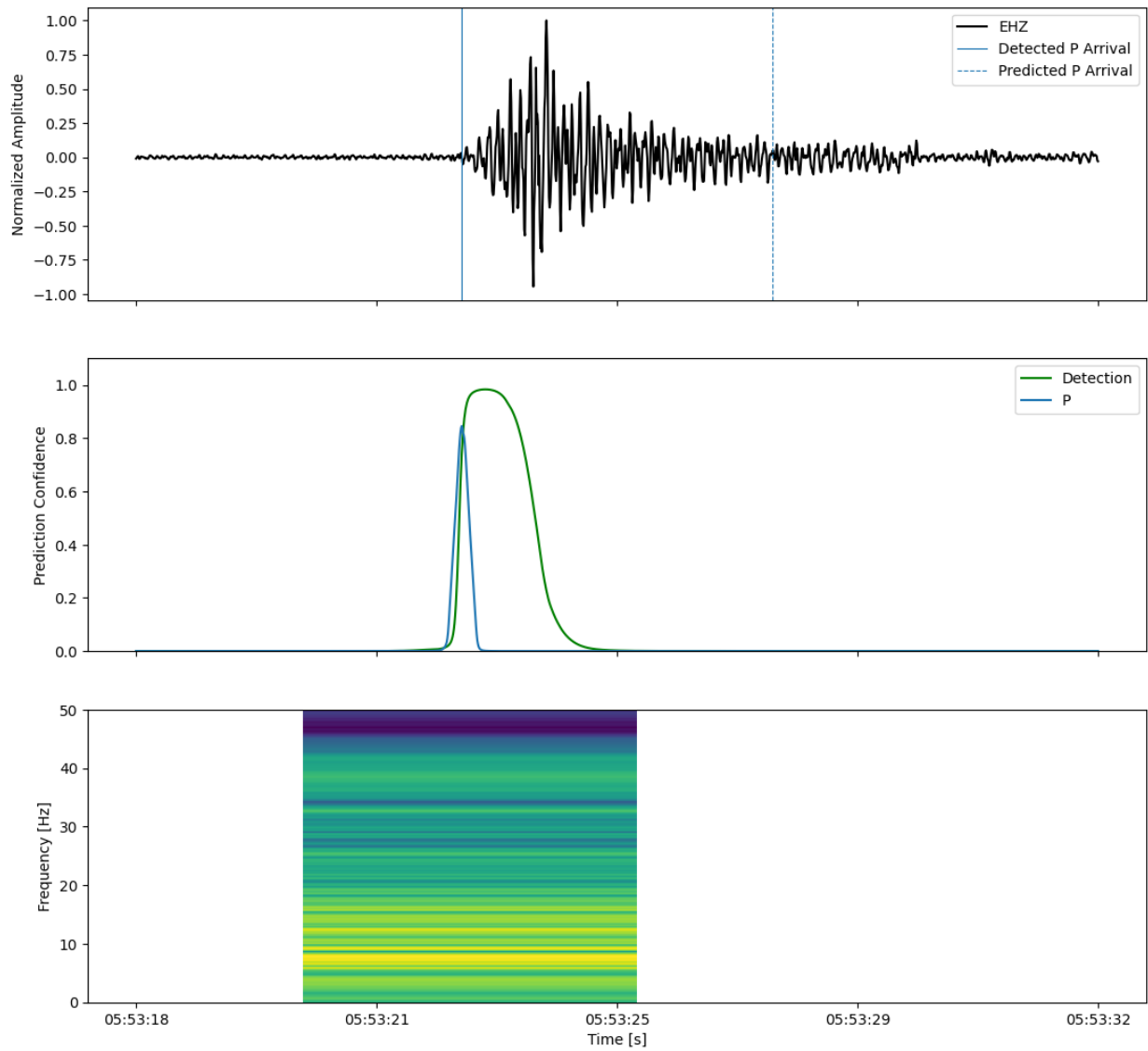


Time:	2024-07-24 08:34:54	Event ID:	2024-07-24_209
Latitude, Longitude:	46.1307, 10.5373	Epicentral Distance:	1283.24 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/20240724_0000115
Depth:	4.0 km	Magnitude:	1.5 ml
P Predicted Time:	2024-07-24 08:37:40	P Detected Time:	2024-07-24 08:37:38
P Time Error:	-2.685886	P Confidence:	0.8761433362960815

Event Report For Earthquake 2024-07-24\_230

Station: AM.R50D6    Issued At: 2024-08-25 15:53:50

Earthquake 2024-07-24\_230 - Time: 2024-07-24 05:47:53 - Location: 37.97, 27.15 - Magnitude: 1.6 ml

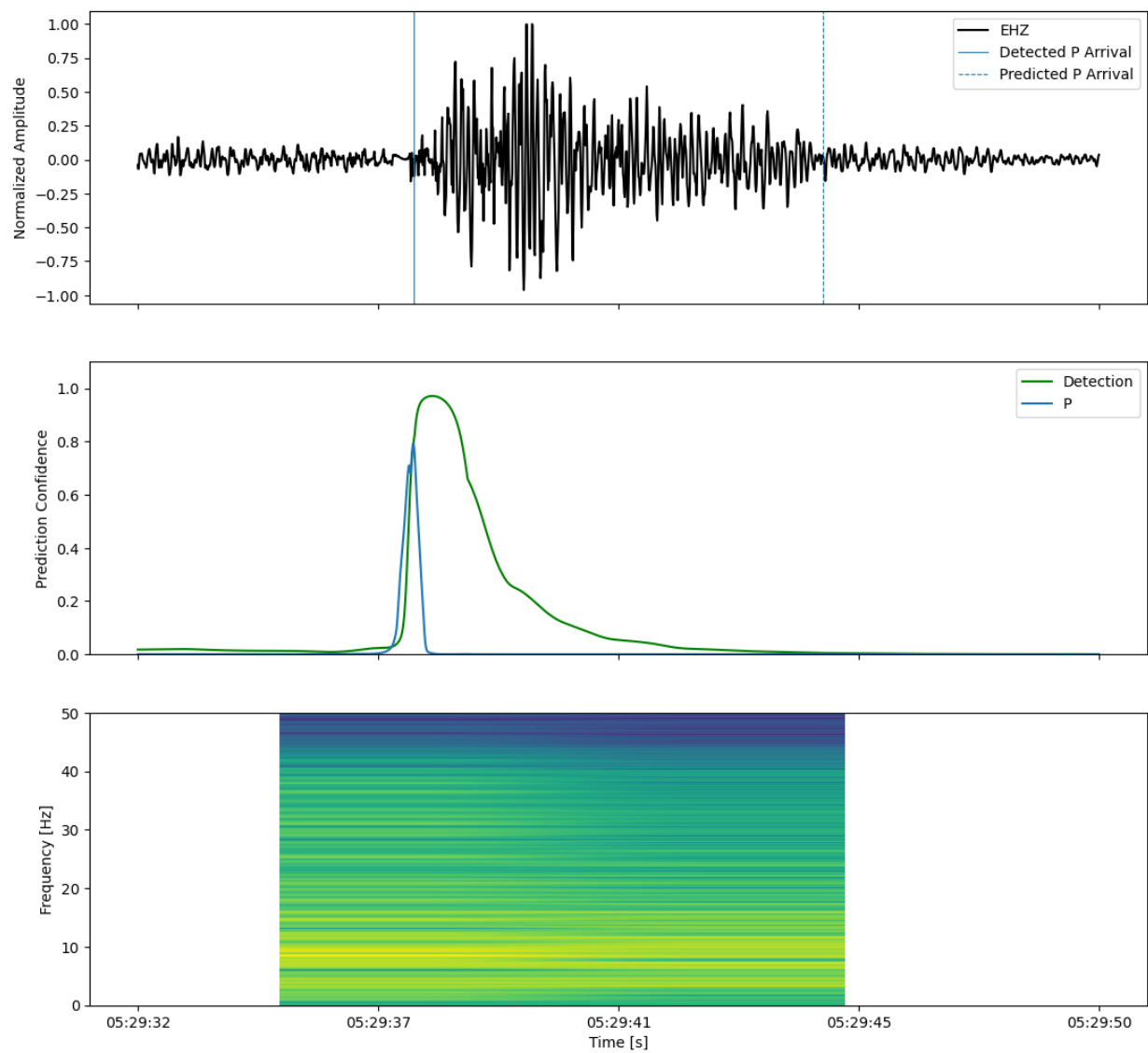


Time:	2024-07-24 05:47:53	Event ID:	2024-07-24_230
Latitude, Longitude:	37.9708, 27.1483	Epicentral Distance:	2852.48 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/20240724_0000091
Depth:	7.4 km	Magnitude:	1.6 ml
P Predicted Time:	2024-07-24 05:53:27	P Detected Time:	2024-07-24 05:53:23
P Time Error:	-4.773361	P Confidence:	0.8460769653320312

Event Report For Earthquake 2024-07-24\_236

Station: AM.R50D6    Issued At: 2024-08-25 15:53:50

Earthquake 2024-07-24\_236 - Time: 2024-07-24 05:17:44 - Location: 16.66, -94.48 - Magnitude: 3.9 m

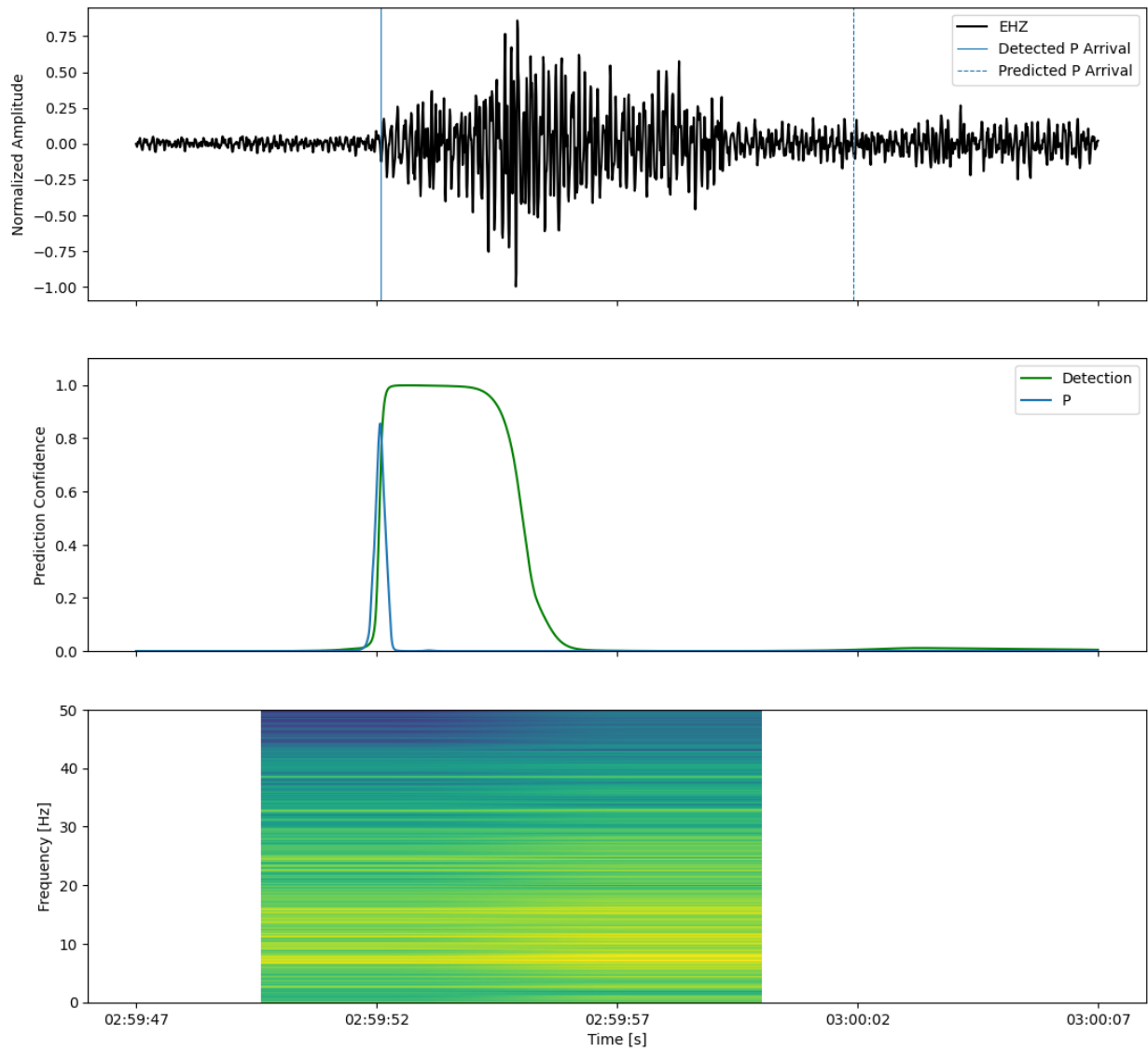


Time:	2024-07-24 05:17:44	Event ID:	2024-07-24_236
Latitude, Longitude:	16.66, -94.48	Epicentral Distance:	8685.46 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/20240724_0000210
Depth:	106.8 km	Magnitude:	3.9 m
P Predicted Time:	2024-07-24 05:29:45	P Detected Time:	2024-07-24 05:29:37
P Time Error:	-7.434416	P Confidence:	0.7912451028823853

Event Report For Earthquake 2024-07-24\_261

Station: AM.R50D6    Issued At: 2024-08-25 15:53:50

Earthquake 2024-07-24\_261 - Time: 2024-07-24 02:53:53 - Location: 37.82, 34.96 - Magnitude: 1.0 ml

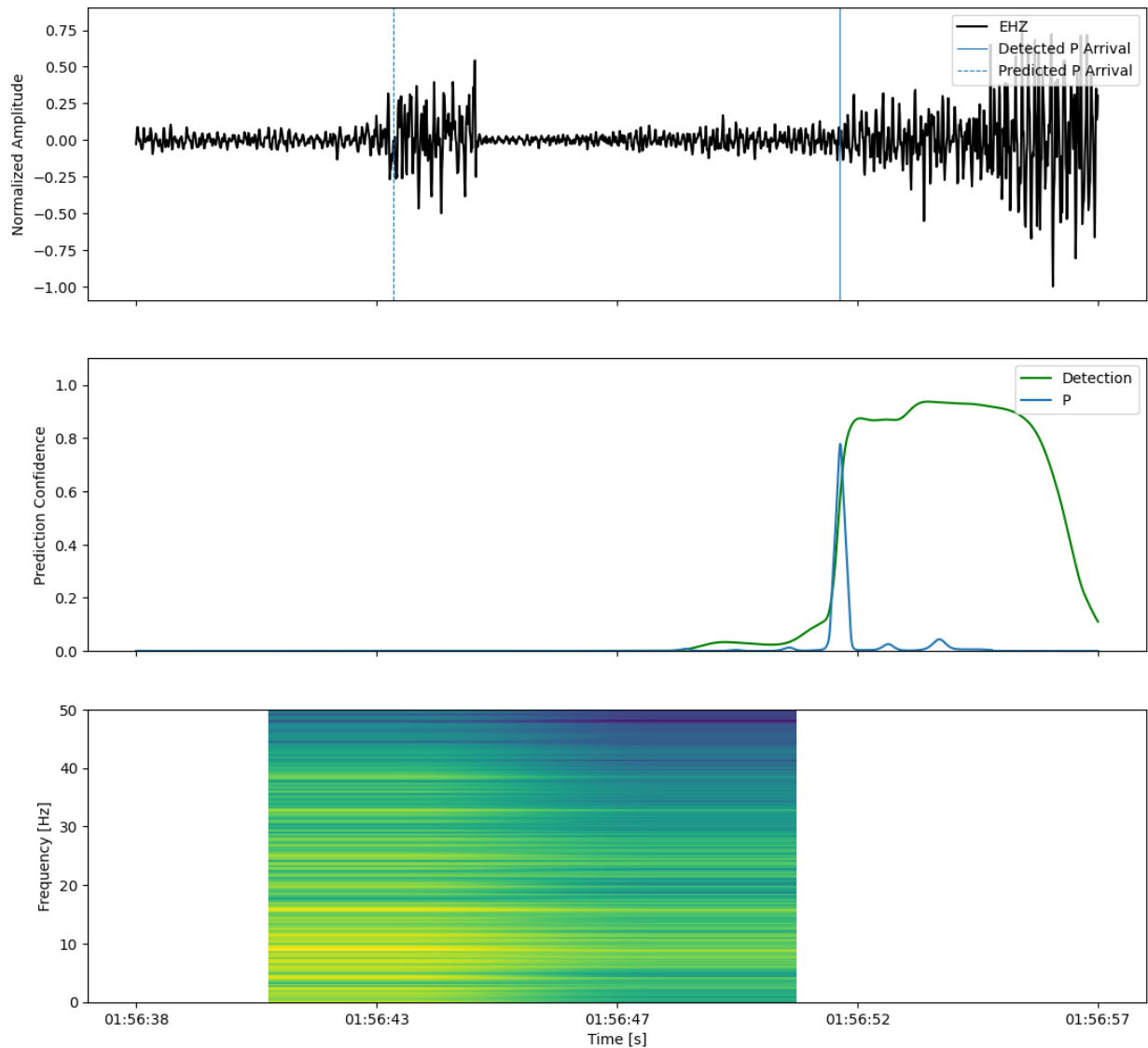


Time:	2024-07-24 02:53:53	Event ID:	2024-07-24_261
Latitude, Longitude:	37.8217, 34.9611	Epicentral Distance:	3322.19 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/20240724_0000053
Depth:	7.0 km	Magnitude:	1.0 ml
P Predicted Time:	2024-07-24 03:00:02	P Detected Time:	2024-07-24 02:59:52
P Time Error:	-9.677717	P Confidence:	0.8552242517471313

Event Report For Earthquake 2024-07-24\_268

Station: AM.R50D6    Issued At: 2024-08-25 15:53:50

Earthquake 2024-07-24\_268 - Time: 2024-07-24 01:54:23 - Location: 50.37, 12.49 - Magnitude: 2.3 ml



Time:	2024-07-24 01:54:23	Event ID:	2024-07-24_268
Latitude, Longitude:	50.367, 12.487	Epicentral Distance:	1065.50 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/20240724_0000412
Depth:	11.9 km	Magnitude:	2.3 ml
P Predicted Time:	2024-07-24 01:56:43	P Detected Time:	2024-07-24 01:56:52
P Time Error:	8.653627	P Confidence:	0.7786284685134888