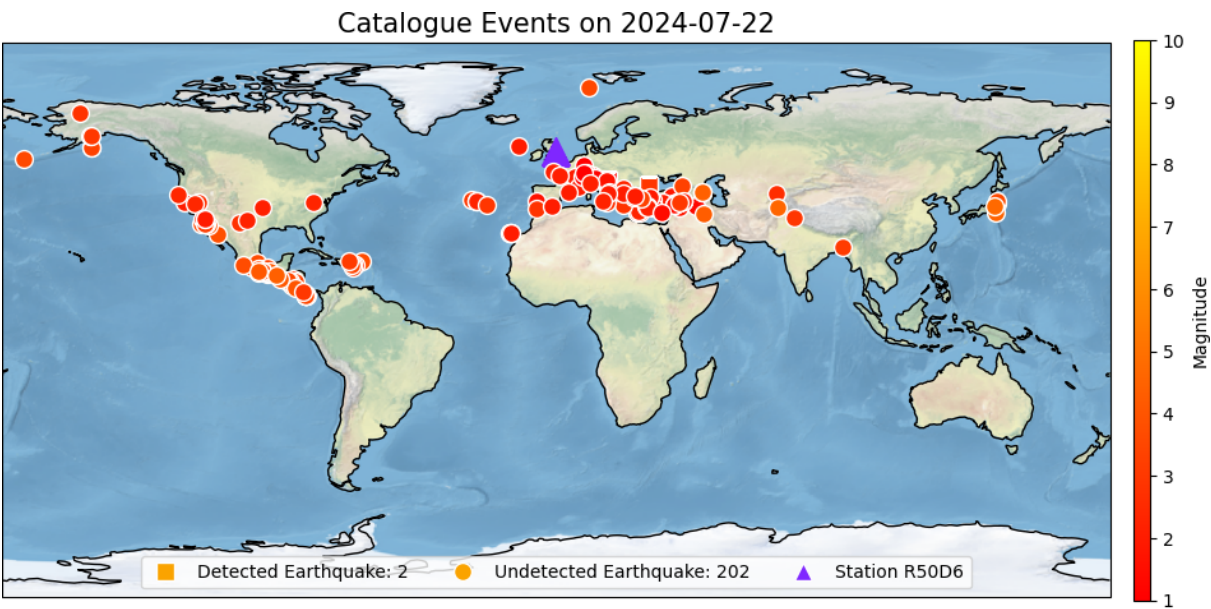# Earthquake Report for 2024-07-22

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

Catalogued Earthquake Plot

Detected and Catalogued Earthquakes

Time	Location	Magnitude
2024-07-22 23:57:54	46.2319, 7.1509	0.5 ml
2024-07-22 23:48:34	36.7097, -97.1413	2.1 ml
2024-07-22 23:40:50	38.61, 24.0	2.0 ml
2024-07-22 23:40:45	45.32, 15.35	1.1 ml
2024-07-22 23:31:26	37.1336, 43.8275	1.3 ml
2024-07-22 23:27:24	37.8593, 141.7848	4.6 mb
2024-07-22 23:21:43	40.0575, 36.04	1.8 ml
2024-07-22 23:14:15	36.7692, 28.1953	1.4 ml
2024-07-22 23:10:11	13.47, -87.11	2.8 m
2024-07-22 23:08:05	50.319, 7.417	0.5 ml
2024-07-22 23:07:35	28.2549, -16.2784	1.5 ml
2024-07-22 23:04:48	37.8008, 36.3617	1.1 ml
2024-07-22 23:04:45	56.2108, -152.344	3.4 ml
2024-07-22 22:59:46	12.57, -88.12	3.2 m
2024-07-22 22:54:30	31.07, -116.72	3.5 m

2024-07-22 22:52:08	15.88, -95.71	4.1 m
2024-07-22 22:51:30	8.028, -82.794	3.8 m
2024-07-22 22:44:43	38.1731, 38.0353	1.2 ml
2024-07-22 22:42:49	14.99, -94.24	3.8 m
2024-07-22 22:38:34	39.6942, 26.3708	1.7 ml
2024-07-22 22:38:24	38.3839, 27.6747	1.3 ml
2024-07-22 22:34:47	34.7784, 24.8449	3.5 ml
2024-07-22 22:34:36	39.6922, 26.3969	1.4 ml
2024-07-22 22:32:43	46.2611, 7.645	1.3 ml
2024-07-22 22:31:04	38.1683, 37.9236	1.4 ml
2024-07-22 22:24:11	56.47, -13.54	2.0 m
2024-07-22 22:13:09	17.12, -100.47	3.3 m
2024-07-22 22:11:29	38.8931, 26.9386	1.7 ml
2024-07-22 22:08:53	56.1983, -152.4692	3.3 ml
2024-07-22 22:07:16	39.5462, 16.5243	2.1 ml
2024-07-22 21:54:08	38.1791, -117.8663	2.0 ml
2024-07-22 21:51:10	38.2636, 33.2461	2.0 ml
2024-07-22 21:47:43	18.51, -98.61	3.7 m
2024-07-22 21:44:30	7.994, -82.787	4.2 m
2024-07-22 21:36:35	39.6858, 26.3928	1.8 ml
2024-07-22 21:35:25	38.4283, -7.7611	1.6 ml
2024-07-22 21:31:16	38.78, 21.0	2.1 ml
2024-07-22 21:28:39	39.5587, 16.5902	2.1 ml
2024-07-22 21:27:30	7.903, -82.727	3.3 m
2024-07-22 21:25:48	39.6333, 15.2323	3.2 ml
2024-07-22 21:25:36	46.2626, 7.2103	0.4 ml
2024-07-22 21:21:36	15.16, -95.52	3.8 m
2024-07-22 21:01:30	8.106, -82.832	4.1 m
2024-07-22 21:00:37	39.6867, 26.3906	1.3 ml
2024-07-22 20:55:30	7.969, -82.788	3.4 m
2024-07-22 20:51:27	8.103, -82.8477	4.9 mb
2024-07-22 20:49:30	8.113, -82.812	3.9 m
2024-07-22 20:38:22	16.47, -97.96	3.0 m
2024-07-22 20:31:37	11.33, -87.48	3.3 m
2024-07-22 20:27:30	8.073, -82.763	3.4 m
2024-07-22 20:20:21	34.87, 24.81	2.1 ml
2024-07-22 20:17:55	8.1478, -82.8287	5.6 mw
2024-07-22 20:15:00	39.6892, 26.395	2.4 ml

2024-07-22 20:12:30	8.045, -82.691	3.4 m
2024-07-22 20:12:01	38.0867, 38.2353	2.2 ml
2024-07-22 20:02:04	27.73, -111.64	3.8 m
2024-07-22 20:00:25	38.1807, -117.8651	2.7 ml
2024-07-22 19:20:55	12.59, -86.16	3.3 m
2024-07-22 19:19:36	8.1695, -82.8453	5.7 mw
2024-07-22 19:10:34	75.6033, 9.0274	3.5 mb
2024-07-22 19:04:44	36.6581, 29.2997	1.5 ml
2024-07-22 19:03:27	15.76, -97.39	3.9 m
2024-07-22 18:58:03	41.147, 19.602	2.1 ml
2024-07-22 18:48:48	34.7597, 25.5009	2.5 ml
2024-07-22 18:43:38	46.7592, 10.3384	1.5 ml
2024-07-22 18:39:02	39.6922, 26.3919	1.6 ml
2024-07-22 18:37:28	16.98, -95.52	3.3 m
2024-07-22 18:28:24	38.0383, 37.535	1.5 ml
2024-07-22 18:27:34	39.6844, 26.3981	1.9 ml
2024-07-22 18:19:05	15.49, -94.7	3.9 m
2024-07-22 18:12:41	30.78, -114.51	3.9 m
2024-07-22 17:36:39	39.7369, 26.3836	1.1 ml
2024-07-22 17:27:27	35.057, 141.4874	4.5 mb
2024-07-22 17:25:59	23.72, 91.7	3.1 m
2024-07-22 17:21:57	38.1675, 38.5867	1.6 ml
2024-07-22 17:19:53	38.1265, -122.1428	2.0 md
2024-07-22 16:30:00	38.2247, 38.6667	1.5 ml
2024-07-22 16:26:56	39.4197, 29.37	1.7 ml
2024-07-22 16:14:38	46.7659, 10.3518	2.1 ml
2024-07-22 15:14:00	37.8719, 29.2164	1.7 ml
2024-07-22 14:48:39	28.2053, -16.5476	1.5 ml
2024-07-22 14:39:22	39.6752, 26.3629	4.5 mw
2024-07-22 14:19:43	38.9767, 29.8394	1.5 ml
2024-07-22 14:01:24	36.6406, 30.1433	1.4 ml
2024-07-22 13:58:30	38.846, -29.225	3.0 ml
2024-07-22 13:52:34	47.6861, 8.3134	1.5 ml
2024-07-22 13:46:21	41.15, 70.18	2.6 m
2024-07-22 13:45:19	59.8749, -152.8382	2.4 ml
2024-07-22 13:09:50	38.626, 39.7423	2.2 ml
2024-07-22 13:08:15	38.1653, 38.5303	3.6 ml
2024-07-22 13:06:25	38.6328, 39.6887	1.9 ml

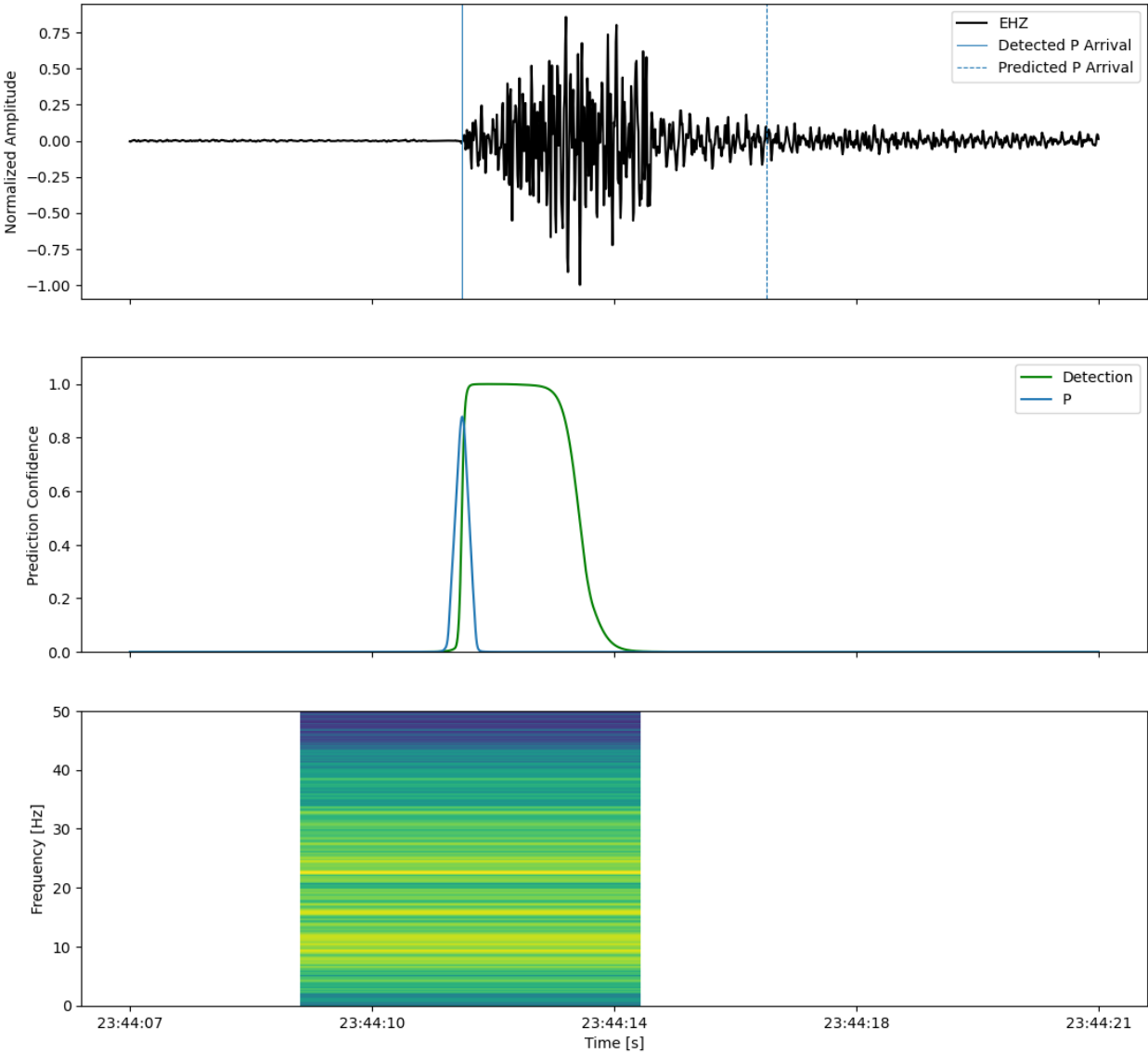|		
2024-07-22 13:03:16	35.19, 25.35	2.3 ml
2024-07-22 12:55:42	37.56, 20.42	2.8 ml
2024-07-22 12:33:37	36.6089, 38.5336	1.9 ml
2024-07-22 12:25:54	19.298, -64.7281	3.7 md
2024-07-22 12:12:05	41.4312, 46.0178	3.2 ml
2024-07-22 12:08:48	46.2822, 7.2593	1.5 ml
2024-07-22 12:03:58	46.7369, 8.2327	0.7 ml
2024-07-22 11:55:30	38.5, 141.7	3.6 m
2024-07-22 11:53:32	46.2917, 7.275	0.6 ml
2024-07-22 11:26:41	59.9397, -152.6961	3.0 ml
2024-07-22 11:16:50	38.757, -27.36	2.3 ml
2024-07-22 11:13:09	38.744, -27.341	3.8 ml
2024-07-22 11:10:28	37.3736, 37.0558	1.4 ml
2024-07-22 11:02:43	37.5705, -118.8617	2.4 md
2024-07-22 10:58:06	40.2695, 24.1342	2.4 ml
2024-07-22 10:49:48	40.28, 24.14	2.7 ml
2024-07-22 10:48:22	46.8715, -0.3493	2.1 ml
2024-07-22 10:39:16	16.72, -98.28	3.3 m
2024-07-22 10:37:04	33.08, 75.71	2.9 m
2024-07-22 10:31:58	46.0351, 7.3588	1.0 ml
2024-07-22 10:19:34	15.48, -95.67	3.7 m
2024-07-22 10:17:46	36.23, -7.9911	2.8 ml
2024-07-22 10:12:03	48.1486, -2.5494	2.1 ml
2024-07-22 10:06:45	46.1404, 11.1721	1.1 ml
2024-07-22 09:52:31	46.3207, 4.6121	2.0 ml
2024-07-22 09:51:11	41.3039, 19.6283	2.5 ml
2024-07-22 09:43:24	43.6719, 28.6549	2.9 ml
2024-07-22 09:41:39	15.69, -94.52	4.2 m
2024-07-22 09:18:17	39.8661, 28.9044	1.9 ml
2024-07-22 09:06:54	46.7749, -0.5164	2.1 ml
2024-07-22 08:51:48	15.34, -98.05	3.7 m
2024-07-22 08:51:42	38.2647, 38.6525	1.2 ml
2024-07-22 08:50:25	67.2762, -156.2739	2.8 ml
2024-07-22 08:50:00	38.2214, 38.1911	1.1 ml
2024-07-22 08:49:49	40.28, 24.13	2.3 ml
2024-07-22 08:46:59	38.1406, 38.4669	1.3 ml
2024-07-22 08:46:19	40.29, 24.11	3.6 ml
2024-07-22 08:40:10	44.4019, 7.3329	2.1 ml

2024-07-22 08:26:02	31.15, -115.42	3.2 m
2024-07-22 08:19:56	42.602, 20.131	2.4 ml
2024-07-22 08:12:16	45.34, 14.75	1.7 ml
2024-07-22 08:10:40	41.4248, 46.0451	4.1 mb
2024-07-22 08:10:37	12.46, -87.91	4.0 m
2024-07-22 08:08:08	41.4572, 45.958	4.4 mb
2024-07-22 07:55:54	15.93, -97.27	3.6 m
2024-07-22 07:49:36	12.68, -88.74	2.9 m
2024-07-22 07:46:42	31.25, -115.55	3.3 m
2024-07-22 07:44:18	15.8, -97.23	3.3 m
2024-07-22 07:43:41	38.6085, 39.7078	2.2 ml
2024-07-22 07:42:49	28.1932, -16.1324	1.8 ml
2024-07-22 07:41:42	15.91, -97.21	3.4 m
2024-07-22 07:40:47	17.92, -103.21	3.7 m
2024-07-22 07:39:53	17.9662, -66.8485	2.3 md
2024-07-22 07:38:34	15.92, -97.14	3.2 m
2024-07-22 07:36:03	15.93, -97.2	3.3 m
2024-07-22 07:27:53	40.52, -124.4973	2.4 md
2024-07-22 07:24:22	15.88, -97.18	3.2 m
2024-07-22 07:22:52	38.1933, 38.6642	1.8 ml
2024-07-22 07:17:36	36.9244, 27.7889	1.7 ml
2024-07-22 07:11:56	43.239, 5.9675	2.0 ml
2024-07-22 07:11:33	15.93, -97.19	3.4 m
2024-07-22 07:08:18	36.9092, 27.7925	1.5 ml
2024-07-22 07:06:20	32.6233, -116.5732	2.2 ml
2024-07-22 07:05:32	31.2653, -115.6052	3.1 ml
2024-07-22 07:03:57	36.5081, 70.3879	4.6 mb
2024-07-22 07:02:41	43.77, 39.4	3.3 mb
2024-07-22 07:00:53	38.16, 37.9275	3.4 ml
2024-07-22 06:55:52	40.27, 24.14	2.4 ml
2024-07-22 06:54:23	40.3, 24.12	2.2 ml
2024-07-22 06:18:10	39.93, 23.64	2.2 ml
2024-07-22 06:16:40	41.7035, 15.7587	2.2 ml
2024-07-22 05:55:52	38.369, 14.869	2.7 ml
2024-07-22 05:54:16	12.9252, -88.7747	3.5 m
2024-07-22 05:47:31	32.6093, -115.7267	2.1 ml
2024-07-22 05:43:48	10.6, -86.2	4.0 m
2024-07-22 05:19:20	28.1007, -16.3965	1.5 ml

2024-07-22 05:14:49	37.4517, 36.9872	2.2 ml
2024-07-22 05:14:49	37.0678, 28.3414	1.6 ml
2024-07-22 05:07:57	36.6506, 28.03	2.0 ml
2024-07-22 05:07:15	18.2443, -67.5128	3.0 md
2024-07-22 04:43:36	17.0135, -67.7093	3.0 md
2024-07-22 04:40:20	36.8375, -3.0203	2.0 ml
2024-07-22 04:39:00	38.5906, 39.6597	1.9 ml
2024-07-22 04:35:28	41.035, 20.291	2.0 ml
2024-07-22 04:30:44	13.5148, -91.2184	4.1 mb
2024-07-22 04:15:25	28.1043, -16.1563	2.0 ml
2024-07-22 04:10:27	31.635, -104.4799	2.7 ml
2024-07-22 04:04:21	36.6743, 28.1155	2.1 ml
2024-07-22 04:01:29	32.405, -102.053	2.2 ml
2024-07-22 03:23:02	14.43, -92.34	4.4 m
2024-07-22 03:22:11	17.9965, -68.0812	3.4 md
2024-07-22 03:11:21	32.6047, -115.7377	2.0 ml
2024-07-22 03:05:50	34.415, 46.2879	4.3 mb
2024-07-22 03:00:03	46.2994, 7.2283	0.9 ml
2024-07-22 02:47:32	38.0542, -80.3317	2.3 md
2024-07-22 02:38:57	37.3828, 36.9025	1.5 ml
2024-07-22 02:12:10	15.67, -98.09	4.1 m
2024-07-22 01:52:59	52.1762, -174.3409	3.6 ml
2024-07-22 01:49:28	47.683, 7.466	0.6 ml
2024-07-22 01:49:19	41.1467, 15.1635	2.0 ml
2024-07-22 01:44:15	41.3885, 2.6096	2.0 ml
2024-07-22 01:43:42	38.761, -27.343	2.2 ml
2024-07-22 01:43:30	8.129, -82.829	3.5 m
2024-07-22 01:07:33	36.7921, 140.8295	4.7 mw
2024-07-22 01:07:26	37.156, -24.254	2.9 ml
2024-07-22 01:01:45	19.263, -68.755	3.1 m
2024-07-22 00:55:30	9.146, -83.868	3.0 m
2024-07-22 00:44:15	39.4858, 26.1703	3.3 ml
2024-07-22 00:35:29	38.1319, 38.5261	3.0 ml
2024-07-22 00:28:42	38.5868, 13.5527	2.2 ml
2024-07-22 00:17:49	44.5695, 9.4447	2.1 ml
2024-07-22 00:11:48	40.29, 24.09	2.0 ml
2024-07-22 00:09:06	34.88, 32.7575	1.4 ml

Event Report For Earthquake 2024-07-22_39

Station: AM.R50D6   **Issued At:** 2024-08-31 01:38:46

Earthquake 2024-07-22_39 - Time: 2024-07-22 23:40:45 - Location: 45.32, 15.35 - Magnitude: 1.1 ml
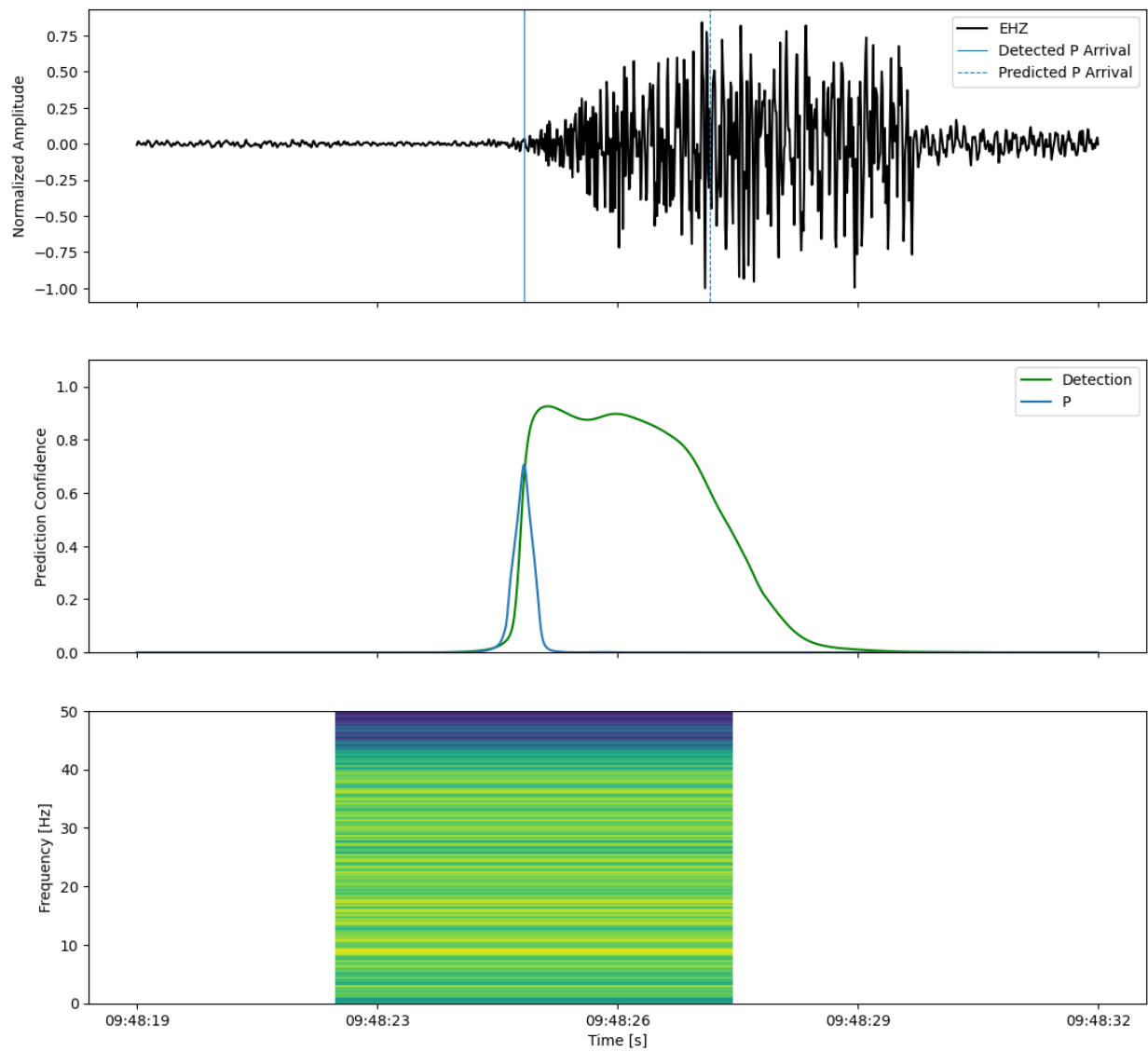

Time:	2024-07-22 23:40:45	Event ID:	2024-07-22_39
Latitude, Longitude:	45.32, 15.35	Epicentral Distance:	1593.11 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/ 20240722_0000306
Depth:	10.0 km	Magnitude:	1.1 ml
P Predicted Time:	2024-07-22 23:44:16	P Detected Time:	2024-07-22 23:44:12
P Time Error:	-4.569807	P Confidence:	0.8781864047050476

Event Report For Earthquake 2024-07-22_153

Station: AM.R50D6   **Issued At:** 2024-08-31 01:38:46

Earthquake 2024-07-22_153 - Time: 2024-07-22 09:43:24 - Location: 43.67, 28.65 - Magnitude: 2.9 ml

Time:	2024-07-22 09:43:24	Event ID:	2024-07-22_153
Latitude, Longitude:	43.6719, 28.6549	Epicentral Distance:	2489.60 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/ 20240722_0000109
Depth:	14.9 km	Magnitude:	2.9 ml
P Predicted Time:	2024-07-22 09:48:27	P Detected Time:	2024-07-22 09:48:24
P Time Error:	-2.395972	P Confidence:	0.7064403891563416