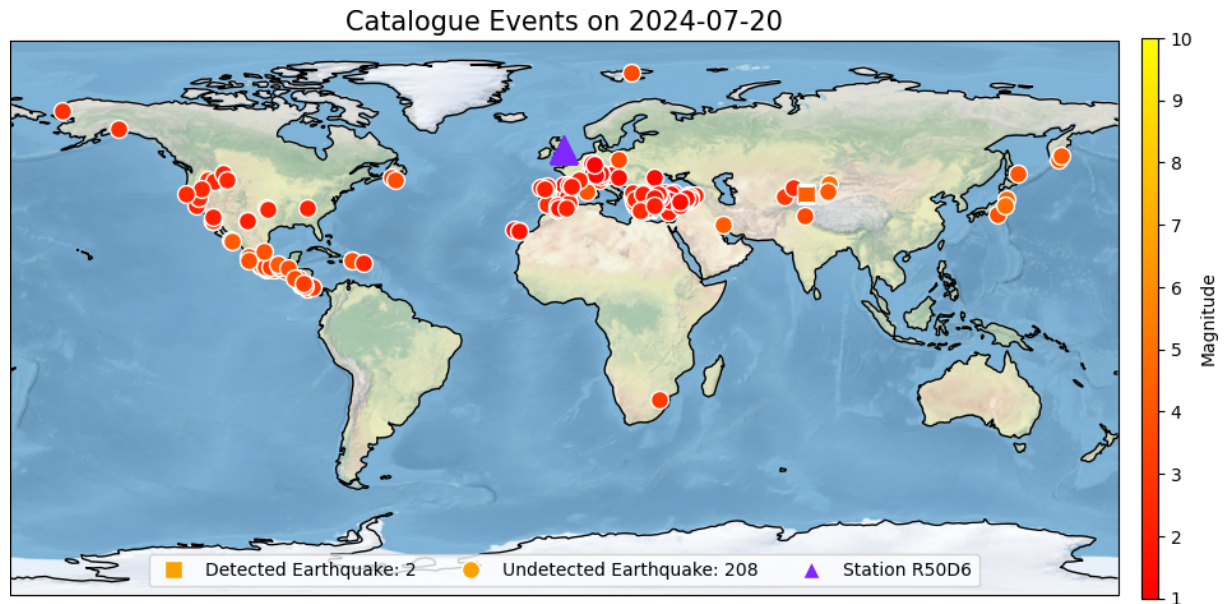


Earthquake Report for 2024-07-20

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

Catalogued Earthquake Plot



Detected and Catalogued Earthquakes

Time	Location	Magnitude
2024-07-20 23:49:33	39.37, 20.56	2.4 ml
2024-07-20 23:49:27	39.9928, 38.8553	1.2 ml
2024-07-20 23:46:19	40.28, 24.16	2.3 ml
2024-07-20 23:33:16	43.024, -0.1405	2.0 ml
2024-07-20 23:22:32	51.43, 159.1	4.2 mb
2024-07-20 23:20:30	36.23, 25.56	2.0 ml
2024-07-20 23:19:30	9.525, -84.866	3.1 m
2024-07-20 23:11:00	40.3917, 27.1747	1.8 ml
2024-07-20 23:06:20	44.6402, 10.0508	2.6 ml
2024-07-20 23:04:21	46.2392, 7.1439	1.0 ml
2024-07-20 23:02:54	39.5469, 28.0189	1.2 ml
2024-07-20 22:50:11	40.7917, 33.8625	1.0 ml
2024-07-20 22:40:39	46.4294, 12.4993	0.9 ml
2024-07-20 22:26:47	40.4786, -1.0765	1.8 ml
2024-07-20 22:26:02	39.6422, 39.5764	1.9 ml

2024-07-20 22:23:41	37.8794, 35.3003	1.5 ml
2024-07-20 22:08:08	44.9968, -117.3342	2.7 ml
2024-07-20 22:06:15	50.389, 7.35	0.4 ml
2024-07-20 22:03:11	40.3676, -1.1084	1.9 ml
2024-07-20 21:58:15	16.6, -99.0	3.4 m
2024-07-20 21:46:30	9.573, -84.825	3.2 m
2024-07-20 21:38:44	39.9928, 40.8572	2.2 ml
2024-07-20 21:36:45	43.1527, -1.7258	1.5 ml
2024-07-20 21:33:47	31.41, -115.52	3.5 m
2024-07-20 21:27:03	34.85, 24.82	2.3 ml
2024-07-20 21:25:54	31.682, -104.427	2.5 ml
2024-07-20 21:24:16	39.6258, 39.5692	2.8 ml
2024-07-20 21:17:37	46.2798, 7.2636	0.4 ml
2024-07-20 21:07:25	37.7522, 36.3825	1.6 ml
2024-07-20 21:02:48	39.2645, -0.4982	1.7 ml
2024-07-20 20:58:45	35.7637, 25.4796	2.6 ml
2024-07-20 20:46:40	38.6331, 142.0016	4.6 mb
2024-07-20 20:45:43	46.0086, 10.4267	0.9 ml
2024-07-20 20:42:00	45.5167, 27.8073	1.3 ml
2024-07-20 20:31:22	35.77, 25.57	2.2 ml
2024-07-20 20:18:35	39.6517, 28.7694	1.9 ml
2024-07-20 20:12:28	30.2989, 50.2317	4.2 mb
2024-07-20 20:07:07	36.7344, 21.5528	3.1 ml
2024-07-20 20:05:22	39.6536, 28.7847	1.4 ml
2024-07-20 19:47:23	38.1919, 36.2553	1.2 ml
2024-07-20 19:32:57	39.0252, 37.4945	2.2 ml
2024-07-20 19:29:03	38.25, 37.8239	1.6 ml
2024-07-20 19:20:38	31.49, -115.56	3.4 m
2024-07-20 19:06:04	25.3, -109.88	3.9 m
2024-07-20 19:02:03	15.79, -98.42	3.7 m
2024-07-20 18:57:53	46.3031, 13.8314	1.0 ml
2024-07-20 18:46:57	39.6347, 28.7708	1.9 ml
2024-07-20 18:46:52	17.11, -100.25	3.2 m
2024-07-20 18:39:14	35.007, 23.6343	2.8 ml
2024-07-20 18:34:41	16.37, -98.7	3.2 m
2024-07-20 18:28:55	37.83, 21.11	2.2 ml
2024-07-20 18:28:51	28.6094, -17.8333	1.6 ml
2024-07-20 18:20:52	38.2817, 38.8517	1.7 ml

2024-07-20 18:18:16	31.41, -115.52	3.3 m
2024-07-20 18:12:13	38.2889, 38.5744	1.9 ml
2024-07-20 18:10:08	43.4261, 84.7531	4.9 mb
2024-07-20 18:07:27	15.97, -95.84	3.9 m
2024-07-20 18:02:43	52.82, 160.17	4.1 mb
2024-07-20 17:58:44	36.7175, -121.1938	2.2 md
2024-07-20 17:42:55	47.3656, 6.9171	1.5 ml
2024-07-20 17:38:21	79.6109, 20.3184	3.6 mb
2024-07-20 17:31:52	35.7687, -98.0888	2.1 ml
2024-07-20 17:23:32	19.35, -103.97	3.1 m
2024-07-20 17:13:43	37.7169, 29.3522	1.1 ml
2024-07-20 17:11:31	31.36, -115.47	3.1 m
2024-07-20 16:53:07	37.85, 21.15	2.1 ml
2024-07-20 16:45:11	67.2884, -164.6096	2.7 ml
2024-07-20 16:44:53	34.9734, 23.4847	2.9 ml
2024-07-20 16:39:43	16.99, -99.83	3.2 m
2024-07-20 16:31:39	37.7522, 35.3644	1.5 ml
2024-07-20 16:30:08	37.4387, -0.1733	2.5 ml
2024-07-20 16:19:50	37.9719, 27.2003	1.7 ml
2024-07-20 16:19:39	38.2689, 37.825	2.4 ml
2024-07-20 16:11:28	17.02, -100.03	3.0 m
2024-07-20 15:46:30	34.9457, 23.3551	2.8 ml
2024-07-20 15:39:09	47.956, 7.928	0.8 ml
2024-07-20 15:38:07	34.8476, 23.3457	4.5 mb
2024-07-20 15:34:30	33.8, 139.4	3.8 m
2024-07-20 15:30:30	10.653, -85.003	3.1 m
2024-07-20 15:11:07	46.7682, 10.3493	1.7 ml
2024-07-20 15:08:26	50.343, 7.379	0.5 ml
2024-07-20 15:01:30	36.759, -6.9618	2.5 ml
2024-07-20 15:00:39	17.19, -99.91	4.0 m
2024-07-20 14:56:05	39.25, 69.89	3.1 m
2024-07-20 14:53:24	39.03, 22.29	2.4 ml
2024-07-20 14:51:18	40.52, 23.63	2.3 ml
2024-07-20 14:49:37	39.1343, -120.033	2.2 md
2024-07-20 14:46:54	38.635, 39.4961	1.8 ml
2024-07-20 14:39:19	12.66, -88.26	3.3 m
2024-07-20 14:38:47	-26.354, 29.247	3.0 m
2024-07-20 14:19:55	39.1323, -120.0337	2.5 md

2024-07-20 14:18:56	40.893, 84.2094	4.5 mb
2024-07-20 14:18:33	46.0086, 10.4267	1.2 ml
2024-07-20 14:04:05	15.97, -95.67	4.1 m
2024-07-20 14:03:54	37.5145, 37.0257	2.0 ml
2024-07-20 13:35:57	34.901, 32.5507	1.4 ml
2024-07-20 13:26:59	50.325, 7.421	0.2 ml
2024-07-20 13:26:49	41.1503, 5.6575	3.9 ml
2024-07-20 13:21:19	38.2767, 37.3606	2.1 ml
2024-07-20 13:06:08	46.2813, 7.2604	0.8 ml
2024-07-20 12:59:43	40.7947, 30.9994	1.8 ml
2024-07-20 12:48:55	38.03, 22.06	2.1 ml
2024-07-20 12:36:42	40.1217, 32.9797	1.4 ml
2024-07-20 12:19:20	35.4603, -3.7112	2.2 ml
2024-07-20 12:04:54	33.29, 76.67	3.5 m
2024-07-20 11:57:34	46.7639, 10.3448	1.7 ml
2024-07-20 11:56:07	35.5203, -85.136	2.2 md
2024-07-20 11:54:22	37.8169, 36.1911	1.4 ml
2024-07-20 11:54:05	44.5316, -115.2422	2.5 ml
2024-07-20 11:47:46	37.1708, 28.0414	1.7 ml
2024-07-20 11:41:04	39.0253, 31.1414	1.2 ml
2024-07-20 11:34:33	37.83, 21.16	2.1 ml
2024-07-20 11:27:19	24.8, -109.28	4.2 m
2024-07-20 11:16:38	36.3286, 28.5164	1.7 ml
2024-07-20 11:15:52	36.6669, 141.6301	4.9 mb
2024-07-20 11:11:40	36.4382, -3.5397	1.7 ml
2024-07-20 11:05:42	46.0107, 10.5418	1.5 ml
2024-07-20 10:52:43	40.27, 24.09	2.0 ml
2024-07-20 10:51:48	11.01, -86.96	3.5 m
2024-07-20 10:50:09	10.88, -87.1	3.8 m
2024-07-20 10:44:45	31.43, -115.54	3.1 m
2024-07-20 10:42:19	44.3165, -115.186	2.3 ml
2024-07-20 10:40:05	41.9433, -119.581	2.4 ml
2024-07-20 10:36:28	16.45, -98.47	3.3 m
2024-07-20 10:27:41	12.96, -88.01	2.6 m
2024-07-20 10:27:31	45.4619, -57.6651	3.2 m
2024-07-20 10:13:58	42.678, 0.6393	2.2 ml
2024-07-20 09:57:49	42.8253, -7.1895	2.4 ml
2024-07-20 09:54:03	19.76, -104.11	3.5 m

2024-07-20 09:47:39	15.4, -92.05	4.3 m
2024-07-20 09:46:42	46.017, 10.4553	1.9 ml
2024-07-20 09:43:38	16.82, -94.47	3.2 m
2024-07-20 09:29:19	16.55, -97.03	3.0 m
2024-07-20 09:24:17	38.0356, 37.0364	3.0 ml
2024-07-20 09:19:44	16.77, -93.95	3.8 m
2024-07-20 09:18:18	21.66, -99.19	3.9 m
2024-07-20 09:12:36	18.51, -104.13	3.8 m
2024-07-20 09:09:07	46.93, -112.4653	2.1 ml
2024-07-20 08:41:57	37.8736, 26.9406	1.6 ml
2024-07-20 08:28:28	44.6923, -111.132	2.0 ml
2024-07-20 08:26:02	17.29, -94.68	4.1 m
2024-07-20 08:19:31	38.5744, 38.1381	1.3 ml
2024-07-20 08:12:49	16.14, -91.39	3.7 m
2024-07-20 08:08:46	40.5345, 23.6156	3.1 ml
2024-07-20 08:07:23	31.36, -115.46	3.2 m
2024-07-20 07:50:35	35.77, 25.51	2.3 ml
2024-07-20 07:49:21	34.367, 32.138	2.3 ml
2024-07-20 07:48:02	46.7632, 10.3504	1.6 ml
2024-07-20 07:42:49	34.5037, 32.3852	2.0 ml
2024-07-20 07:39:43	28.0829, -16.1608	2.1 ml
2024-07-20 07:38:19	43.0238, -0.2061	2.2 ml
2024-07-20 07:34:58	44.6903, -111.1461	2.4 ml
2024-07-20 07:15:40	39.5772, 28.8008	1.8 ml
2024-07-20 07:11:56	37.0897, 28.4028	1.3 ml
2024-07-20 07:11:03	42.6808, 0.662	1.8 ml
2024-07-20 07:06:49	42.3159, -8.9469	2.2 ml
2024-07-20 06:57:51	10.99, -86.49	3.1 m
2024-07-20 06:44:26	38.1411, 32.6678	1.1 ml
2024-07-20 06:30:09	46.6234, 8.4922	1.2 ml
2024-07-20 06:23:33	44.7461, -56.2603	3.7 m
2024-07-20 06:19:43	38.2586, 37.8075	2.0 ml
2024-07-20 06:10:31	40.3212, -124.3553	2.4 md
2024-07-20 06:09:55	28.3346, -16.1822	1.7 ml
2024-07-20 05:43:30	18.817, -70.582	3.0 m
2024-07-20 05:27:05	38.2397, 37.8297	1.9 ml
2024-07-20 05:26:33	18.52, -70.58	3.8 m
2024-07-20 05:18:26	31.649, -104.468	2.0 ml

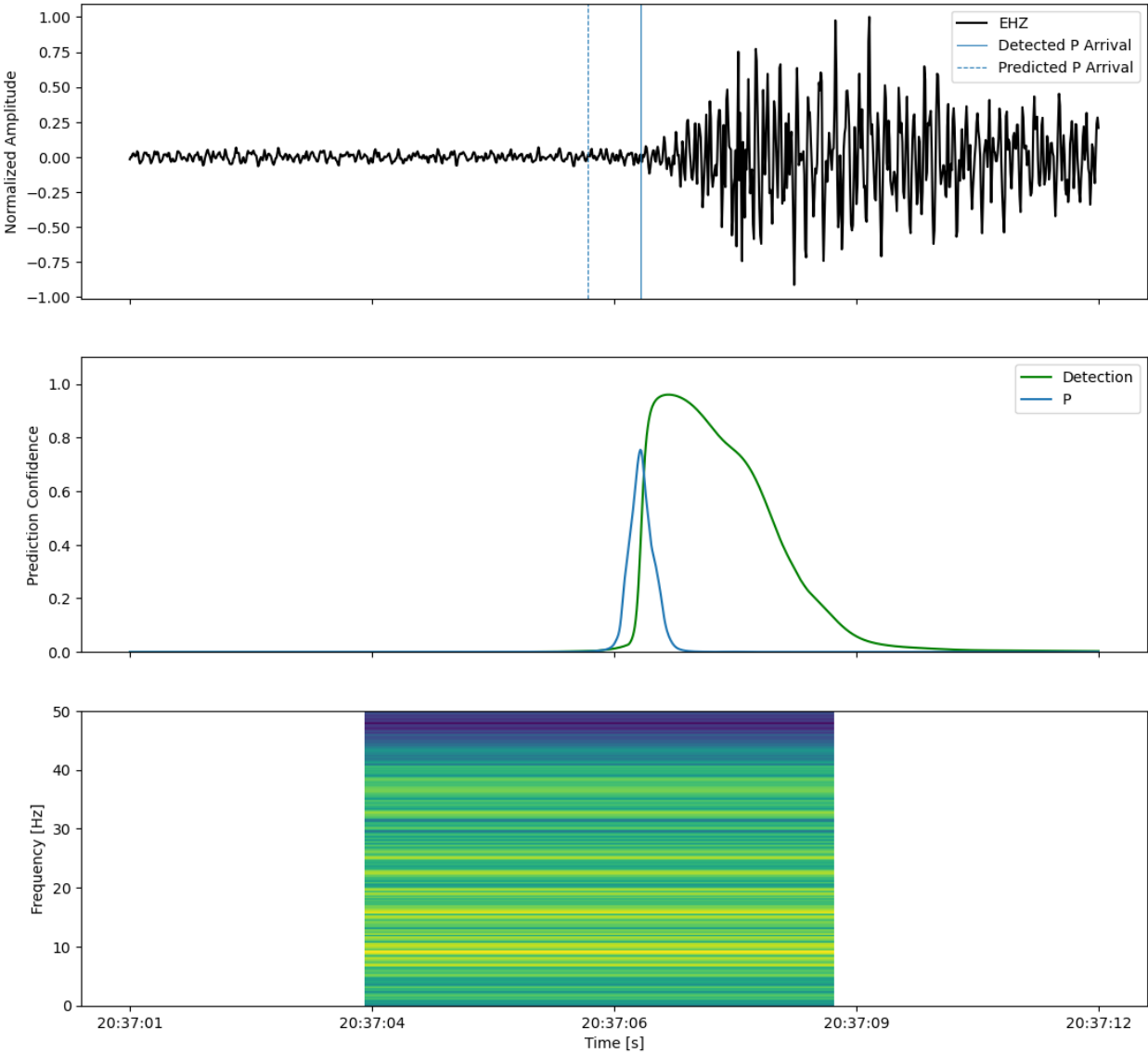
2024-07-20 05:17:54	46.9424, 145.8019	4.0 mb
2024-07-20 05:14:50	42.28, 72.94	2.5 m
2024-07-20 05:08:44	40.32, 24.11	2.2 ml
2024-07-20 04:59:30	9.913, -83.366	3.0 m
2024-07-20 04:55:45	44.9912, 3.3102	2.3 ml
2024-07-20 04:49:06	42.652, 0.6674	1.9 ml
2024-07-20 04:38:29	40.32, 24.1	2.1 ml
2024-07-20 04:35:57	42.0941, -7.9814	2.1 ml
2024-07-20 04:34:43	37.92, 36.2333	1.5 ml
2024-07-20 04:29:49	40.718, 20.582	2.3 ml
2024-07-20 04:17:43	34.9429, 23.3249	2.6 ml
2024-07-20 04:11:22	61.5363, -146.4688	2.6 ml
2024-07-20 04:05:24	36.3411, 35.9361	1.7 ml
2024-07-20 04:04:59	39.0706, 29.9058	1.3 ml
2024-07-20 04:02:47	10.34, -85.97	3.7 m
2024-07-20 03:59:45	36.04, 25.0	2.1 ml
2024-07-20 03:54:20	51.6254, 16.1098	3.6 ml
2024-07-20 03:28:50	40.2699, 24.1118	2.9 ml
2024-07-20 03:25:20	35.766, 25.567	3.2 ml
2024-07-20 03:15:31	49.776, 8.122	0.6 ml
2024-07-20 03:12:55	35.3501, -97.9926	2.3 ml
2024-07-20 03:11:51	38.53, 21.74	2.3 ml
2024-07-20 02:25:11	18.0312, -66.8102	2.2 md
2024-07-20 02:10:08	39.5664, 28.8017	1.4 ml
2024-07-20 02:07:33	40.2909, 77.1393	4.3 mb
2024-07-20 01:56:58	40.8981, 84.1956	4.1 mb
2024-07-20 01:25:51	45.51, 16.15	1.4 ml
2024-07-20 01:21:43	40.29, 24.12	2.1 ml
2024-07-20 01:13:44	35.4453, -3.6692	2.2 ml
2024-07-20 01:08:16	38.8561, 38.0844	1.6 ml
2024-07-20 01:07:46	35.7904, -3.4789	1.6 ml
2024-07-20 00:58:00	34.8534, 23.2719	2.7 ml
2024-07-20 00:53:39	35.77, 25.52	2.6 ml
2024-07-20 00:38:04	35.7764, -1.0434	2.2 ml
2024-07-20 00:37:43	12.9058, -89.0352	3.7 m
2024-07-20 00:36:28	40.2037, 28.8862	2.0 ml
2024-07-20 00:34:43	34.7132, 23.3996	2.5 ml
2024-07-20 00:34:08	37.6357, 35.8887	2.3 ml

2024-07-20 00:30:19	37.6594, 35.8875	1.4 ml
2024-07-20 00:30:12	32.645, -115.7158	2.1 ml
2024-07-20 00:24:29	11.06, -86.23	3.1 m
2024-07-20 00:10:09	39.1875, 27.7403	1.6 ml
2024-07-20 00:08:37	36.705, 27.9045	2.0 ml

Event Report For Earthquake 2024-07-20_61

Station: AM.R50D6 Issued At: 2024-08-25 15:39:26

Earthquake 2024-07-20_61 - Time: 2024-07-20 20:31:22 - Location: 35.77, 25.57 - Magnitude: 2.2 ml

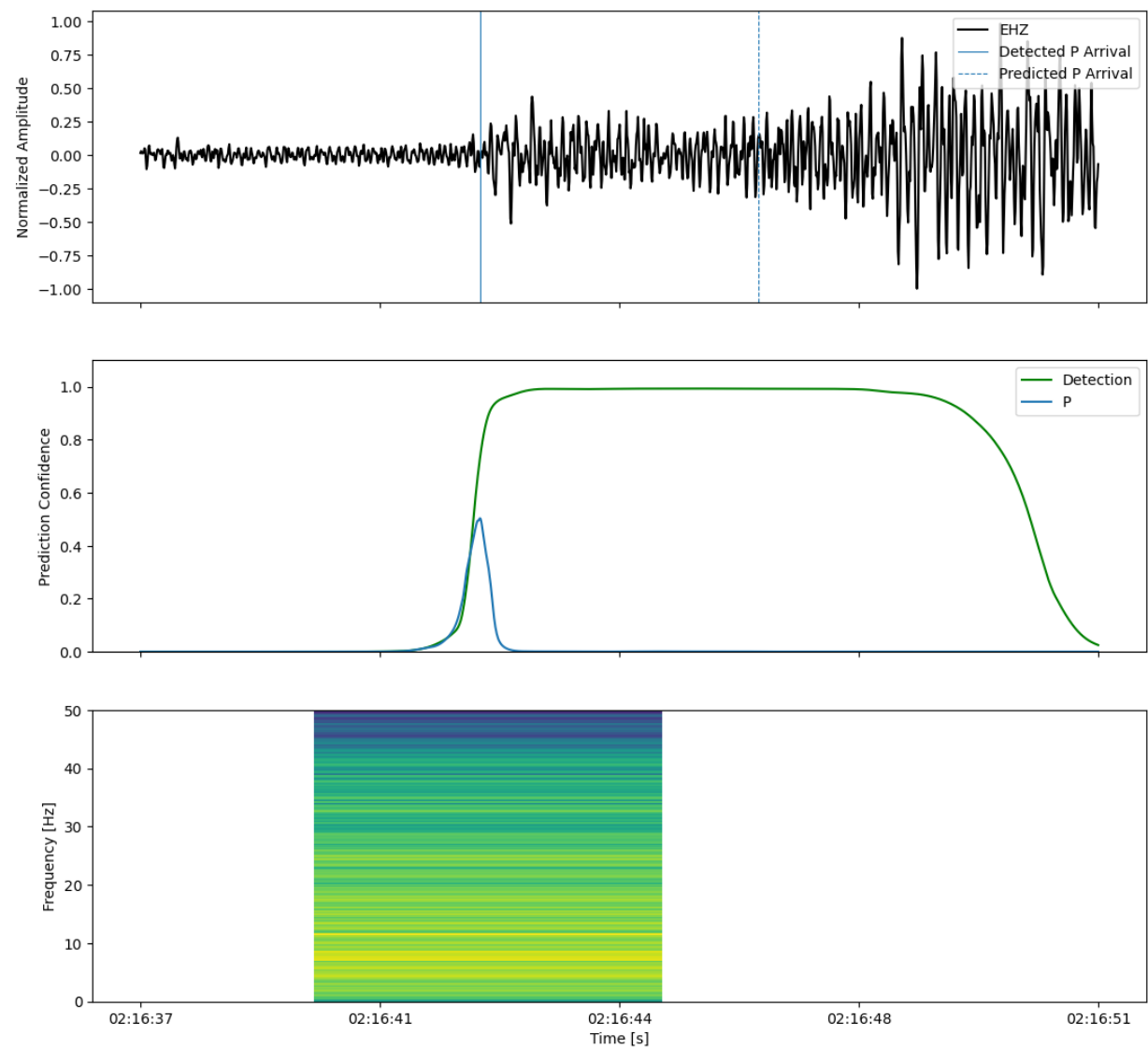


Time:	2024-07-20 20:31:22	Event ID:	2024-07-20_61
Latitude, Longitude:	35.77, 25.57	Epicentral Distance:	2959.50 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/20240720_0000209
Depth:	10.0 km	Magnitude:	2.2 ml
P Predicted Time:	2024-07-20 20:37:06	P Detected Time:	2024-07-20 20:37:07
P Time Error:	0.570985	P Confidence:	0.7545625567436218

Event Report For Earthquake 2024-07-20_218

Station: AM.R50D6 Issued At: 2024-08-25 15:39:26

Earthquake 2024-07-20_218 - Time: 2024-07-20 02:07:33 - Location: 40.29, 77.14 - Magnitude: 4.3 mb



Time:	2024-07-20 02:07:33	Event ID:	2024-07-20_218
Latitude, Longitude:	40.2909, 77.1393	Epicentral Distance:	5792.17 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/20240720_0000028
Depth:	46.0 km	Magnitude:	4.3 mb
P Predicted Time:	2024-07-20 02:16:46	P Detected Time:	2024-07-20 02:16:42
P Time Error:	-4.105962	P Confidence:	0.5036332607269287