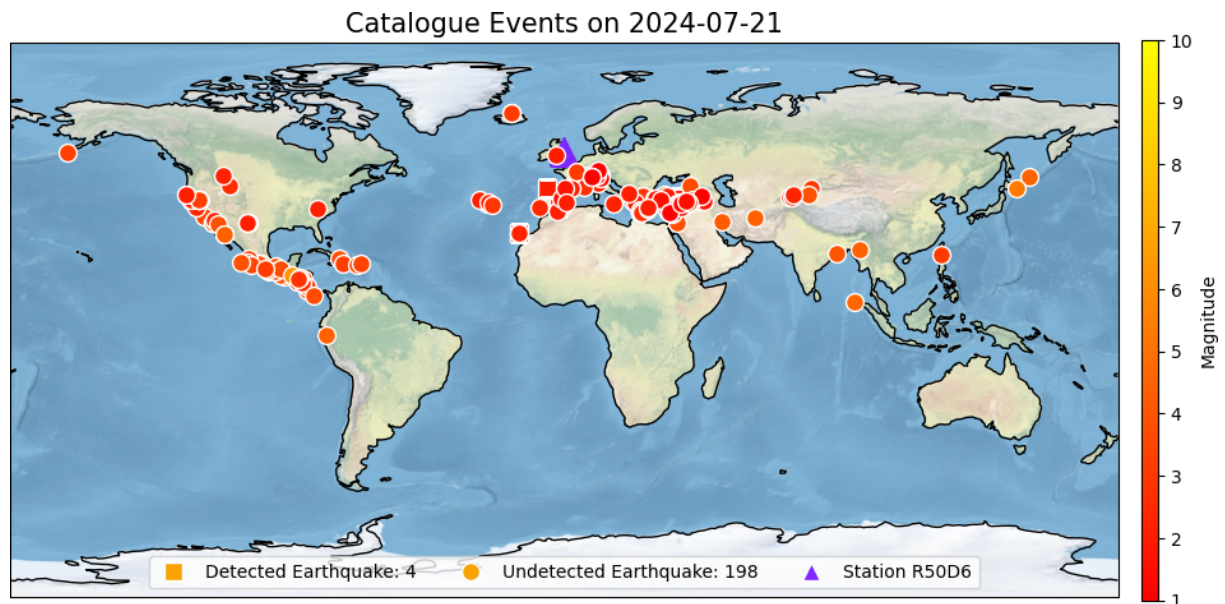


Earthquake Report for 2024-07-21

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

Catalogued Earthquake Plot



Detected and Catalogued Earthquakes

Time	Location	Magnitude
2024-07-21 23:56:22	-4.9651, -78.8111	4.4 mb
2024-07-21 23:54:53	44.5692, 9.4492	2.1 ml
2024-07-21 23:54:44	38.8243, -122.793	2.5 md
2024-07-21 23:36:11	46.0885, 10.4235	1.0 ml
2024-07-21 23:25:48	38.506, 42.5195	2.6 ml
2024-07-21 22:50:08	15.65, -97.41	3.4 m
2024-07-21 22:26:02	19.35, -103.76	3.1 m
2024-07-21 22:23:36	16.97, -99.15	3.0 m
2024-07-21 22:22:45	46.2836, 7.2562	0.9 ml
2024-07-21 22:18:30	37.8692, 26.9614	1.4 ml
2024-07-21 22:09:52	33.7287, -118.5305	3.6 ml
2024-07-21 21:52:24	28.0992, -16.1788	1.8 ml
2024-07-21 21:49:32	43.4187, -110.2761	2.6 ml
2024-07-21 21:48:54	13.24, -86.3	3.2 m
2024-07-21 21:47:28	46.7668, 10.3475	1.5 ml

2024-07-21 21:38:59	38.2647, 38.76	2.6 ml
2024-07-21 21:36:18	38.1427, 37.8693	2.8 ml
2024-07-21 21:36:17	16.24, -97.69	3.0 m
2024-07-21 21:34:30	28.0888, -16.1797	1.7 ml
2024-07-21 21:12:30	9.672, -85.084	3.4 m
2024-07-21 21:10:24	18.3, -99.84	3.2 m
2024-07-21 20:59:50	18.2, -100.64	3.9 m
2024-07-21 20:53:06	20.0, -104.1	3.1 m
2024-07-21 20:46:29	31.48, -115.55	3.5 m
2024-07-21 20:30:32	16.26, -97.89	3.5 m
2024-07-21 20:28:55	40.4862, -124.206	2.5 md
2024-07-21 20:21:23	39.1348, -120.0343	2.0 md
2024-07-21 20:19:26	22.6784, 94.3804	4.4 mb
2024-07-21 20:15:06	31.4582, 35.3857	3.8 ml
2024-07-21 20:06:28	21.54, 86.99	4.0 m
2024-07-21 19:47:23	18.67, -104.49	3.2 m
2024-07-21 19:18:30	10.623, -84.968	3.1 m
2024-07-21 19:14:37	31.4865, -115.6149	2.6 m
2024-07-21 19:13:10	31.48, -115.55	3.1 m
2024-07-21 18:59:40	17.9, -103.14	3.4 m
2024-07-21 18:58:35	35.7775, 31.8936	2.4 ml
2024-07-21 18:54:20	38.19, 21.7	2.4 ml
2024-07-21 18:33:26	31.622, -104.107	2.3 ml
2024-07-21 18:30:42	46.282, 7.274	0.8 ml
2024-07-21 18:29:48	46.2823, 7.2742	0.5 ml
2024-07-21 18:28:55	46.2853, 7.2704	1.1 ml
2024-07-21 18:25:54	38.7933, -122.778	2.3 md
2024-07-21 18:13:25	31.68, -104.407	2.0 ml
2024-07-21 18:12:23	37.8675, 36.9106	2.0 ml
2024-07-21 18:08:31	40.2786, 24.1104	2.5 ml
2024-07-21 17:54:14	40.0472, 36.0369	2.2 ml
2024-07-21 17:47:02	34.9207, 23.3403	2.7 ml
2024-07-21 17:43:28	38.1042, 38.4533	2.6 ml
2024-07-21 17:25:17	38.0411, 37.5417	1.9 ml
2024-07-21 16:47:25	35.5152, -3.5907	2.5 ml
2024-07-21 16:43:16	34.7684, 23.0144	3.7 ml
2024-07-21 16:35:26	40.8608, 31.0482	2.6 ml
2024-07-21 16:29:14	46.7617, 10.3286	1.5 ml

2024-07-21 16:26:31	46.2819, 7.2751	0.8 ml
2024-07-21 16:25:30	34.8029, 23.15	2.7 ml
2024-07-21 16:16:21	31.616, -104.097	2.2 ml
2024-07-21 16:14:21	46.2843, 7.2715	1.0 ml
2024-07-21 15:58:05	47.2235, 7.5769	0.8 ml
2024-07-21 15:53:26	39.77, 71.85	2.8 m
2024-07-21 15:44:25	38.5503, 26.7383	2.4 ml
2024-07-21 15:29:53	38.0186, 37.6197	2.0 ml
2024-07-21 15:26:00	53.428, -4.142	2.0 ml
2024-07-21 15:16:01	37.952, -26.424	2.0 ml
2024-07-21 15:03:15	39.005, -29.048	2.1 ml
2024-07-21 15:01:14	38.224, -26.149	2.2 ml
2024-07-21 14:38:49	39.3659, 20.5914	2.6 ml
2024-07-21 14:23:01	46.0474, 10.3675	1.4 ml
2024-07-21 14:11:20	39.26, -123.2483	2.0 md
2024-07-21 14:00:03	44.8862, 2.5085	2.7 ml
2024-07-21 13:56:11	37.5003, 35.3078	1.8 ml
2024-07-21 13:37:40	37.1574, -1.9857	1.8 ml
2024-07-21 13:29:13	32.459, -115.2055	2.3 ml
2024-07-21 13:17:48	38.92, 23.9	2.2 ml
2024-07-21 13:16:26	19.885, -74.43	3.7 m
2024-07-21 13:13:28	39.85, 72.39	2.5 m
2024-07-21 13:06:31	14.32, -92.54	4.2 m
2024-07-21 12:55:35	37.9067, 27.1167	1.4 ml
2024-07-21 12:52:11	46.8928, -112.5268	2.2 ml
2024-07-21 12:32:50	43.1761, 5.0674	2.7 ml
2024-07-21 12:02:38	36.662, -3.418	1.9 ml
2024-07-21 11:54:03	12.68, -88.35	2.8 m
2024-07-21 11:52:36	38.1593, 36.8427	2.2 ml
2024-07-21 11:41:02	38.2814, 38.7747	2.4 ml
2024-07-21 11:35:14	38.4853, 31.5686	0.9 ml
2024-07-21 11:34:03	31.676, -104.409	2.2 ml
2024-07-21 11:30:29	31.683, -104.412	2.1 ml
2024-07-21 11:14:37	34.4725, 33.6428	1.3 ml
2024-07-21 11:02:49	37.6669, 35.3847	1.5 ml
2024-07-21 10:50:51	31.33, -114.2	3.8 m
2024-07-21 10:34:07	16.32, -97.69	3.3 m
2024-07-21 10:27:30	37.1293, -1.9664	1.7 ml

2024-07-21 10:25:25	38.6, 20.6	2.1 ml
2024-07-21 10:23:54	18.49, -73.57	3.2 m
2024-07-21 10:16:58	12.21, -86.67	2.5 m
2024-07-21 10:14:12	36.8918, 37.1848	2.2 ml
2024-07-21 10:14:09	34.9668, 23.3224	2.4 ml
2024-07-21 10:12:38	37.8717, 14.5242	2.2 ml
2024-07-21 10:11:01	38.5872, 31.4208	0.9 ml
2024-07-21 10:10:16	14.72, -93.6	3.9 m
2024-07-21 10:06:26	42.6678, 0.648	2.2 ml
2024-07-21 09:56:16	42.7098, 0.6134	2.0 ml
2024-07-21 09:53:50	17.4, -95.15	3.7 m
2024-07-21 09:50:57	15.87, -95.18	3.9 m
2024-07-21 09:49:34	39.2086, 38.39	1.6 ml
2024-07-21 09:42:12	40.4361, 41.9719	1.6 ml
2024-07-21 09:34:52	34.8358, 23.194	2.4 ml
2024-07-21 09:26:32	46.516, 149.8022	4.5 mb
2024-07-21 09:25:17	27.76, -111.86	3.7 m
2024-07-21 09:19:00	18.68, -106.39	3.9 m
2024-07-21 09:01:02	40.1865, 31.7203	2.0 ml
2024-07-21 08:37:07	46.8594, 9.2531	1.7 ml
2024-07-21 08:25:28	46.2794, 7.2582	0.3 ml
2024-07-21 08:25:24	27.87, -111.95	4.4 m
2024-07-21 08:25:05	36.0482, -81.5255	2.2 md
2024-07-21 08:19:30	42.6625, 0.6283	2.1 ml
2024-07-21 08:14:48	38.0481, 36.5872	1.7 ml
2024-07-21 08:07:34	37.457, -24.738	2.9 ml
2024-07-21 08:04:52	16.25, -97.7	4.4 m
2024-07-21 08:02:50	38.5753, 43.7836	1.7 ml
2024-07-21 08:00:16	40.2654, 24.1273	2.9 ml
2024-07-21 07:50:27	37.7267, 37.5025	3.3 ml
2024-07-21 07:43:50	16.76, -93.71	3.7 m
2024-07-21 07:40:23	38.0519, 37.2039	1.6 ml
2024-07-21 07:30:17	18.0318, -68.635	3.5 md
2024-07-21 07:19:28	41.42, 77.9	2.7 m
2024-07-21 07:14:11	38.2589, 37.8192	2.3 ml
2024-07-21 07:10:20	16.64, -98.6	3.1 m
2024-07-21 07:07:36	34.9021, 23.2736	3.0 ml
2024-07-21 06:59:39	31.9648, 49.7061	4.2 mb

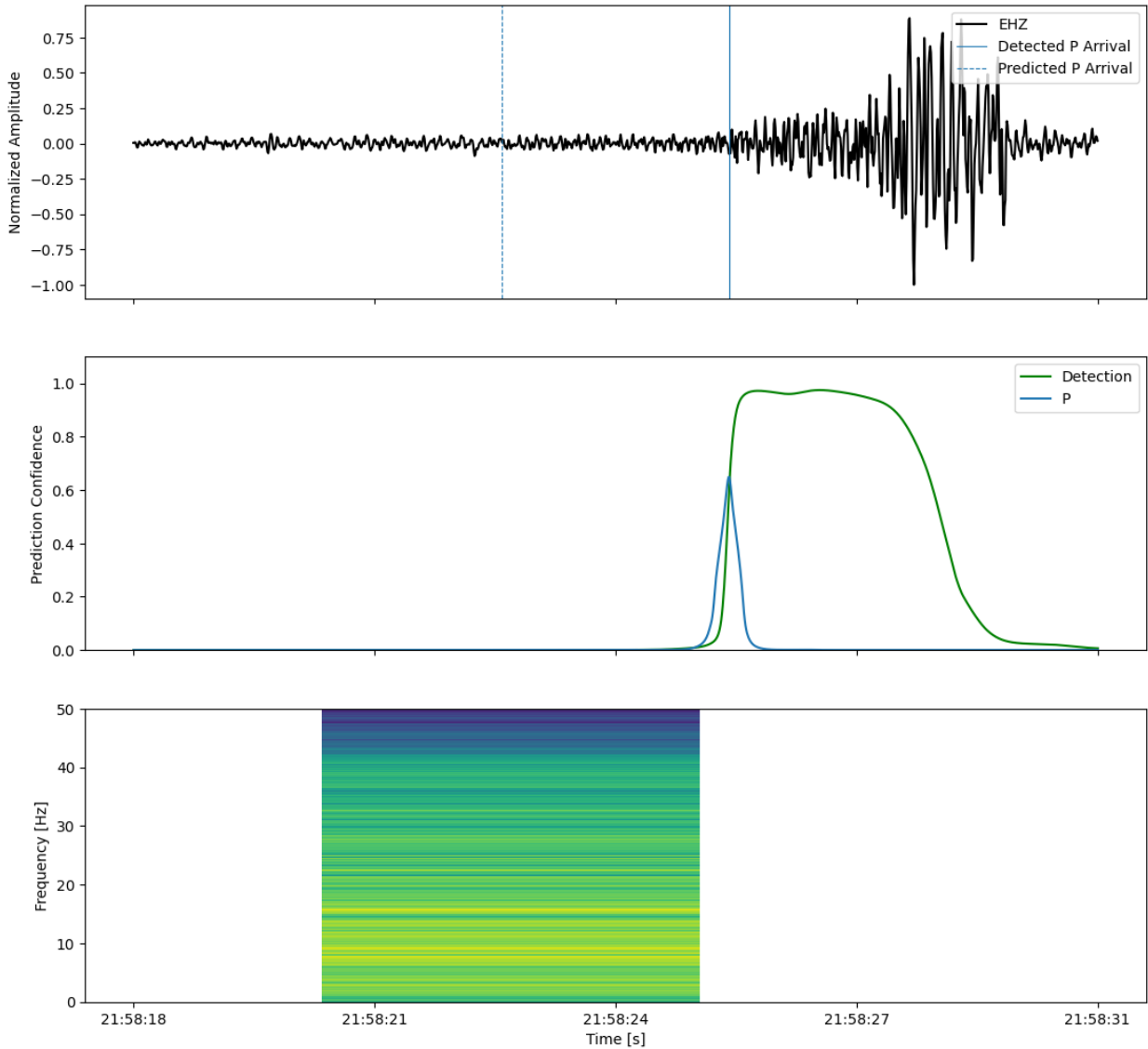
2024-07-21 06:55:41	39.3094, 27.9228	1.2 ml
2024-07-21 06:40:36	21.33, 121.19	3.1 m
2024-07-21 06:32:45	54.1767, -162.7674	3.3 ml
2024-07-21 06:27:33	39.2897, 28.0878	1.5 ml
2024-07-21 06:20:08	6.009, 92.6984	4.6 mb
2024-07-21 06:19:42	38.34, 21.41	2.0 ml
2024-07-21 06:12:32	35.7642, 25.481	2.7 ml
2024-07-21 06:00:40	36.6861, -9.7253	2.4 ml
2024-07-21 05:46:21	41.138, 19.635	2.1 ml
2024-07-21 05:21:25	38.1922, 38.5753	2.0 ml
2024-07-21 04:58:06	36.5477, -121.1438	2.2 md
2024-07-21 04:53:41	42.7733, -6.9784	2.0 ml
2024-07-21 04:51:50	38.2369, 39.3583	2.3 ml
2024-07-21 04:44:47	38.8398, -122.8232	2.0 md
2024-07-21 04:44:23	43.77, 39.35	3.7 mb
2024-07-21 04:27:28	42.7569, 145.4465	5.3 mw
2024-07-21 04:14:08	34.9006, 23.2113	2.7 ml
2024-07-21 04:13:39	39.1337, -120.0353	2.1 md
2024-07-21 04:05:15	18.3937, -67.4273	3.4 md
2024-07-21 04:05:12	34.8802, 23.2516	3.5 ml
2024-07-21 04:01:30	34.9375, 23.3466	5.3 mw
2024-07-21 03:58:58	39.134, -120.0352	2.2 md
2024-07-21 03:56:33	39.133, -120.0236	2.8 md
2024-07-21 03:48:19	38.235, 39.3375	2.1 ml
2024-07-21 03:48:11	46.2798, 7.2618	0.3 ml
2024-07-21 03:24:52	39.1867, 40.0417	2.1 ml
2024-07-21 03:19:19	39.1364, -120.0057	2.8 ml
2024-07-21 03:10:16	37.6522, 35.3933	1.9 ml
2024-07-21 03:07:17	39.055, 29.8631	1.5 ml
2024-07-21 03:06:34	42.62, 78.89	3.1 m
2024-07-21 03:05:06	39.1328, -120.0328	2.2 md
2024-07-21 03:05:04	47.9391, 2.2745	3.1 ml
2024-07-21 03:02:11	39.133, -120.0297	3.2 ml
2024-07-21 02:57:11	35.59, 23.28	2.0 ml
2024-07-21 02:56:57	67.249, -18.711	3.3 m
2024-07-21 02:55:09	37.6733, 35.4377	4.3 mb
2024-07-21 02:53:49	14.6032, -89.8544	6.2 mw
2024-07-21 02:52:31	35.2318, 23.4062	2.6 ml

2024-07-21 02:51:26	48.418, 9.431	0.9 ml
2024-07-21 02:50:28	34.6957, 34.0872	1.6 ml
2024-07-21 02:40:49	40.4922, -124.2045	2.1 md
2024-07-21 02:38:58	34.95, 23.42	2.6 ml
2024-07-21 02:34:47	35.5247, -3.498	2.0 ml
2024-07-21 02:34:22	13.66, -87.27	2.5 m
2024-07-21 02:34:08	38.2544, 37.7894	1.4 ml
2024-07-21 02:33:47	28.1196, -16.1425	1.8 ml
2024-07-21 02:28:55	67.265, -18.799	2.8 m
2024-07-21 02:23:48	46.2842, 7.2603	1.5 ml
2024-07-21 02:22:30	8.077, -82.801	3.7 m
2024-07-21 02:22:14	46.2845, 7.2587	1.3 ml
2024-07-21 02:11:10	67.26, -18.786	3.1 m
2024-07-21 02:02:14	13.3, -87.94	2.8 m
2024-07-21 01:59:22	35.4463, -3.6352	2.1 ml
2024-07-21 01:53:33	28.1364, -16.1367	2.2 ml
2024-07-21 01:44:19	38.0706, 36.5403	1.6 ml
2024-07-21 01:40:48	36.6133, 36.2631	1.5 ml
2024-07-21 01:40:37	46.2808, 7.2638	0.7 ml
2024-07-21 01:37:33	38.2742, 38.7336	1.0 ml
2024-07-21 01:34:29	39.5251, -2.4858	1.6 ml
2024-07-21 01:32:35	34.882, 32.5513	1.1 ml
2024-07-21 01:24:20	40.75, 77.81	3.9 m
2024-07-21 01:15:58	42.857, -1.2492	1.7 ml
2024-07-21 01:12:14	36.232, 25.6302	2.9 ml
2024-07-21 01:12:11	33.0794, 60.4552	4.4 mb
2024-07-21 01:07:22	38.265, 38.7567	2.9 ml
2024-07-21 00:46:50	40.3353, 43.2694	1.1 ml
2024-07-21 00:44:14	34.8823, 32.5533	1.0 ml
2024-07-21 00:41:22	38.2739, -0.9319	2.1 ml
2024-07-21 00:35:55	38.2663, 38.7527	3.2 ml
2024-07-21 00:28:59	37.9442, 36.4875	1.2 ml
2024-07-21 00:23:18	36.36, 25.5	2.0 ml
2024-07-21 00:15:48	38.5586, 38.0422	1.5 ml
2024-07-21 00:13:59	40.75, 73.02	2.3 m

Event Report For Earthquake 2024-07-21_30

Station: AM.R50D6 Issued At: 2024-08-25 15:43:06

Earthquake 2024-07-21_30 - Time: 2024-07-21 21:52:24 - Location: 28.10, -16.18 - Magnitude: 1.8 ml

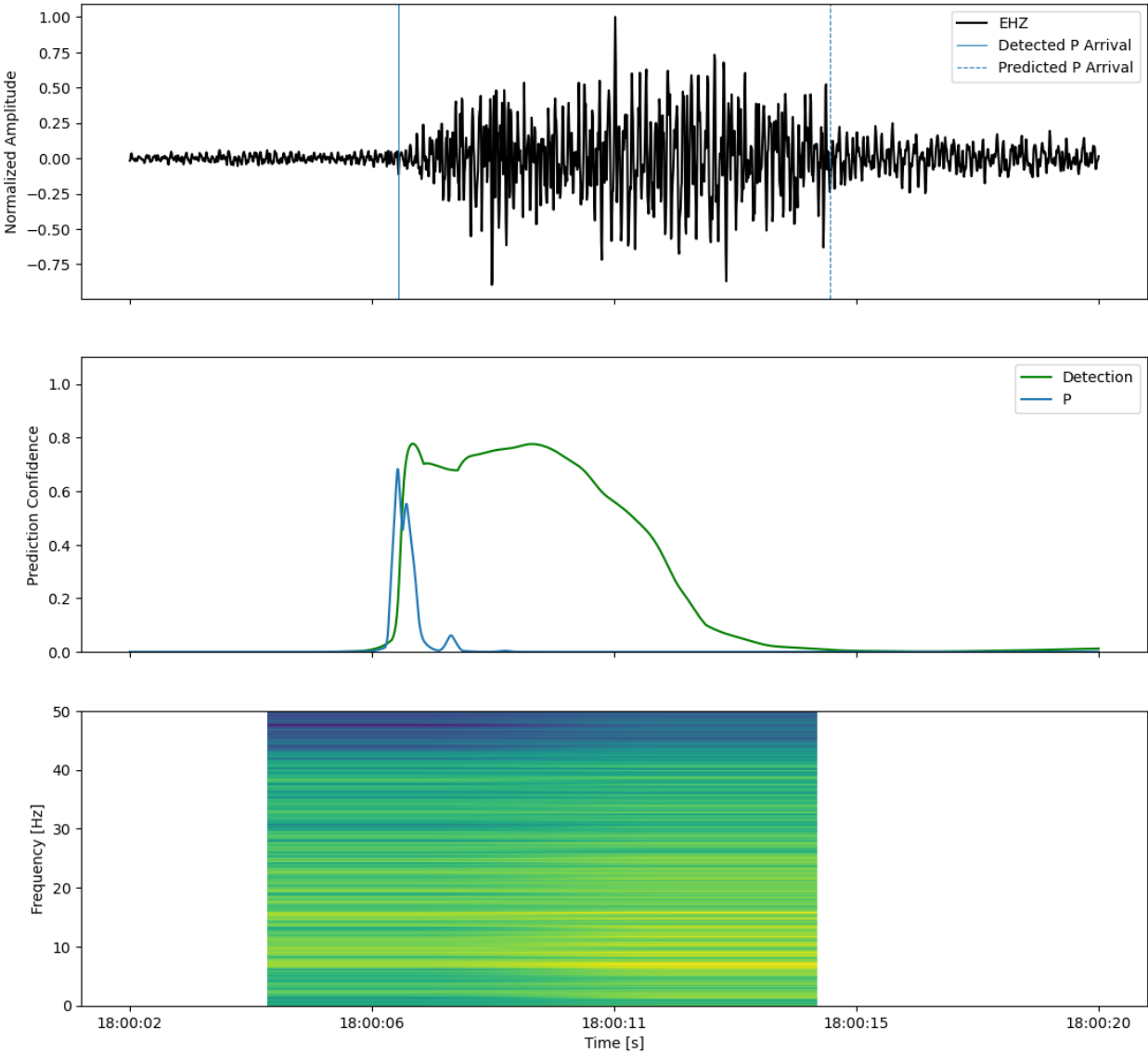


Time:	2024-07-21 21:52:24	Event ID:	2024-07-21_30
Latitude, Longitude:	28.0992, -16.1788	Epicentral Distance:	3191.09 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/20240721_0000246
Depth:	9.9 km	Magnitude:	1.8 ml
P Predicted Time:	2024-07-21 21:58:23	P Detected Time:	2024-07-21 21:58:26
P Time Error:	3.084819	P Confidence:	0.6489394307136536

Event Report For Earthquake 2024-07-21_64

Station: AM.R50D6 Issued At: 2024-08-25 15:43:06

Earthquake 2024-07-21_64 - Time: 2024-07-21 17:54:14 - Location: 40.05, 36.04 - Magnitude: 2.2 ml

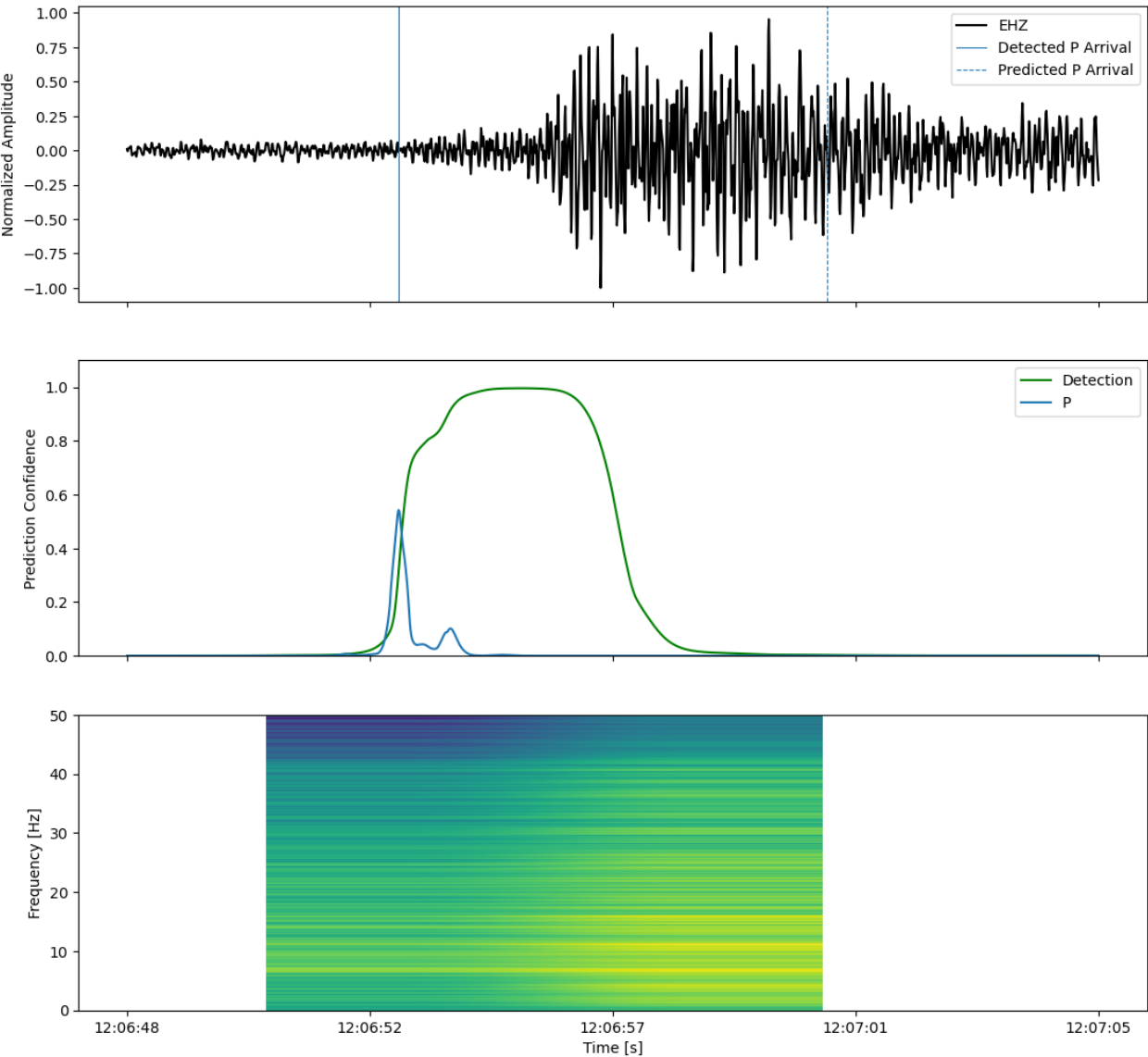


Time:	2024-07-21 17:54:14	Event ID:	2024-07-21_64
Latitude, Longitude:	40.0472, 36.0369	Epicentral Distance:	3213.61 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/20240721_0000203
Depth:	7.0 km	Magnitude:	2.2 ml
P Predicted Time:	2024-07-21 18:00:15	P Detected Time:	2024-07-21 18:00:07
P Time Error:	-8.059201	P Confidence:	0.6823563575744629

Event Report For Earthquake 2024-07-21_98

Station: AM.R50D6 Issued At: 2024-08-25 15:43:06

Earthquake 2024-07-21_98 - Time: 2024-07-21 12:02:38 - Location: 36.66, -3.42 - Magnitude: 1.9 ml

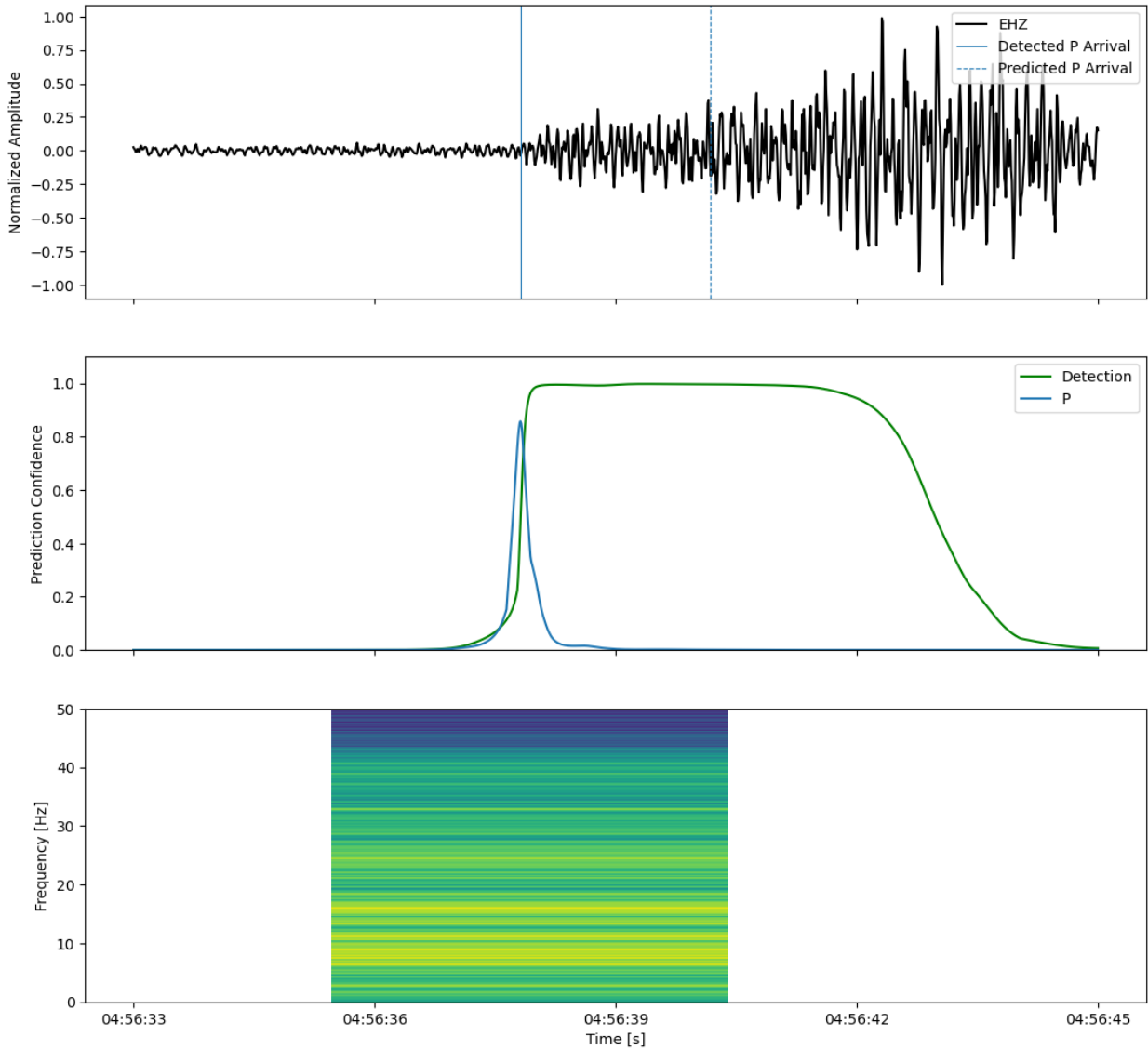


Time:	2024-07-21 12:02:38	Event ID:	2024-07-21_98
Latitude, Longitude:	36.662, -3.418	Epicentral Distance:	2018.02 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/20240721_0000148
Depth:	2.4 km	Magnitude:	1.9 ml
P Predicted Time:	2024-07-21 12:07:00	P Detected Time:	2024-07-21 12:06:53
P Time Error:	-7.886877	P Confidence:	0.5426967740058899

Event Report For Earthquake 2024-07-21_159

Station: AM.R50D6 Issued At: 2024-08-25 15:43:06

Earthquake 2024-07-21_159 - Time: 2024-07-21 04:53:41 - Location: 42.77, -6.98 - Magnitude: 2.0 ml



Time:	2024-07-21 04:53:41	Event ID:	2024-07-21_159
Latitude, Longitude:	42.7733, -6.9784	Epicentral Distance:	1390.30 km
Provider:	EMSC	Resource ID:	quakeml:eu.emsc/event/20240721_0000064
Depth:	16.2 km	Magnitude:	2.0 ml
P Predicted Time:	2024-07-21 04:56:40	P Detected Time:	2024-07-21 04:56:38
P Time Error:	-2.455027	P Confidence:	0.857980489730835