

関西地震観測研究協議会 2019年観測地震一覧(1)

	震源時	震央緯度	震央経度	震源位置	震源 深さ (km)	M	データファイル 収録ディレクトリ	備考
1	2019/01/02 01:07:10.6	N34° 56.10'	E135° 32.52'	KYOTO OSAKA BORDER REG	12.7	2.1	2019-01-02_01-07	
2	2019/01/03 13:55:50.9	N34° 42.24'	E135° 16.14'	SE HYOGO PREF	12.1	1.6	2019-01-03_13-55	
3	2019/01/03 23:40:39.0	N34° 24.96'	E135° 52.50'	NORTHERN NARA PREF	9.4	1.9	2019-01-03_23-40	
4	2019/01/04 11:27:18.9	N34° 52.86'	E135° 42.90'	KYOTO OSAKA BORDER REG	11.9	1.7	2019-01-04_11-27	
5	2019/01/05 00:40:49.4	N34° 53.10'	E135° 37.20'	KYOTO OSAKA BORDER REG	10.5	1.5	2019-01-05_00-40	
6	2019/01/06 04:25:38.0	S08° 08.64'	W071° 35.22'	BRAZIL	570.4	6.8	2019-01-06_04-44	
7	2019/01/06 16:11:10.1	N35° 03.54'	E135° 42.84'	MID KYOTO PREF	7.3	1.9	2019-01-06_16-11	
8	2019/01/07 02:27:18.0	N02° 15.48'	E126° 45.48'	INDONESIA	43.2	6.6	2019-01-07_02-33	
9	2019/01/07 09:00:18.9	N34° 53.58'	E135° 38.64'	KYOTO OSAKA BORDER REG	10.8	2.3	2019-01-07_09-00	
10	2019/01/08 21:39:30.0	N30° 34.38'	E131° 09.90'	NEAR TANEGASHIMA ISLAND	30.1	6.0	2019-01-08_21-40	
11	2019/01/10 06:18:16.6	N34° 34.80'	E136° 50.88'	ISE BAY REGION	343.1	3.7	2019-01-10_06-19	
12	2019/01/13 10:08:51.5	N35° 07.14'	E135° 28.98'	MID KYOTO PREF	11.0	2.4	2019-01-13_10-08	
13	2019/01/14 12:25:21.5	N34° 21.78'	E134° 53.76'	AWAJISHIMA ISLAND REGION	11.8	2.3	2019-01-14_12-25	
14	2019/01/14 13:23:42.3	N36° 09.78'	E139° 48.60'	SW IBARAKI PREF	53.1	4.9	2019-01-14_13-24	
15	2019/01/15 20:27:08.4	N33° 49.80'	E141° 03.18'	E OFF HACHIJOJIMA ISLAND	53.8	4.6	2019-01-15_20-28	
16	2019/01/15 23:00:28.0	N34° 23.64'	E134° 46.44'	AWAJISHIMA ISLAND REGION	10.1	3.1	2019-01-15_23-00	
17	2019/01/15 23:08:36.2	N34° 11.10'	E135° 07.74'	NW WAKAYAMA PREF	6.2	2.4	2019-01-15_23-08	
18	2019/01/16 00:14:08.4	N34° 48.84'	E135° 37.92'	KYOTO OSAKA BORDER REG	11.3	1.9	2019-01-16_00-14	
19	2019/01/16 15:50:47.0	N34° 49.68'	E136° 40.80'	ISE BAY REGION	11.7	2.6	2019-01-16_15-51	
20	2019/01/18 21:46:25.1	N35° 55.20'	E140° 25.92'	SOUTHERN IBARAKI PREF	54.3	5.3	2019-01-18_21-47	
21	2019/01/18 22:18:31.0	S19° 12.24'	E168° 44.70'	VANUATU	38.7	6.0	2019-01-18_22-28	
22	2019/01/20 10:32:52.0	S30° 02.40'	W071° 22.92'	CHILE	63.0	6.7	2019-01-20_10-52	
23	2019/01/22 03:13:04.8	N34° 52.14'	E135° 35.10'	KYOTO OSAKA BORDER REG	12.2	2.3	2019-01-22_03-13	
24	2019/01/24 17:34:52.0	N19° 14.46'	E121° 08.22'	PHILIPPINES	19.0	5.5	2019-01-24_17-39	
25	2019/01/24 20:18:09.0	N34° 46.20'	E135° 46.86'	KYOTO OSAKA BORDER REG	10.2	1.8	2019-01-24_20-18	
26	2019/01/25 14:03:41.6	N34° 52.08'	E135° 39.42'	KYOTO OSAKA BORDER REG	10.1	2.2	2019-01-25_14-03	
27	2019/01/25 18:08:03.5	N32° 54.54'	E136° 59.82'	FAR S OFF TOKAI DISTRICT	33.9	3.5	2019-01-25_18-08	
28	2019/01/26 11:07:21.0	S10° 50.28'	E165° 58.56'	SOLOMON ISLANDS	35.8	5.7	2019-01-26_11-16	
29	2019/01/26 12:51:37.0	S07° 00.54'	E156° 19.26'	SOLOMON ISLANDS	355.0	6.2	2019-01-26_12-59	
30	2019/01/26 17:12:48.0	S05° 29.76'	E133° 45.90'	INDONESIA	10.0	5.9	2019-01-26_17-20	
31	2019/01/26 23:25:13.4	N34° 53.10'	E135° 38.82'	KYOTO OSAKA BORDER REG	11.0	2.4	2019-01-26_23-25	
32	2019/01/27 04:56:44.0	S21° 02.82'	W178° 57.54'	FIJI	588.0	6.2	2019-01-27_05-07	
33	2019/01/28 05:00:50.4	N34° 58.26'	E135° 29.22'	KYOTO OSAKA BORDER REG	10.5	1.5	2019-01-28_05-00	
34	2019/01/28 13:02:16.3	N33° 54.66'	E135° 12.84'	CENTRAL WAKAYAMA PREF	8.2	3.0	2019-01-28_13-02	
35	2019/01/30 13:37:59.1	N34° 38.46'	E136° 30.48'	ISE BAY REGION	38.5	2.6	2019-01-30_13-38	
36	2019/01/30 19:57:01.5	N34° 48.84'	E135° 37.68'	KYOTO OSAKA BORDER REG	10.8	1.5	2019-01-30_19-57	
37	2019/01/30 20:22:17.5	N34° 51.90'	E135° 37.26'	KYOTO OSAKA BORDER REG	11.3	2.2	2019-01-30_20-22	
38	2019/01/31 12:41:37.1	N33° 53.52'	E137° 11.52'	SE OFF KII PENINSULA	353.1	3.7	2019-01-31_12-42	
39	2019/01/31 15:14:31.1	N34° 53.10'	E135° 39.00'	KYOTO OSAKA BORDER REG	11.1	1.8	2019-01-31_15-14	
40	2019/02/01 06:40:34.5	N34° 46.20'	E135° 16.80'	SE HYOGO PREF	7.0	2.8	2019-02-01_06-40	
41	2019/02/02 14:56:06.4	N34° 53.52'	E135° 35.70'	KYOTO OSAKA BORDER REG	10.9	1.9	2019-02-02_14-56	
42	2019/02/03 07:57:41.9	N34° 27.30'	E134° 50.64'	AWAJISHIMA ISLAND REGION	16.2	3.1	2019-02-03_07-57	
43	2019/02/05 04:29:54.0	S00° 25.20'	E098° 02.16'	INDONESIA	19.0	5.6	2019-02-05_04-38	
44	2019/02/10 05:37:38.7	N36° 05.64'	E136° 02.10'	CENTRAL FUKUI PREF	13.4	3.2	2019-02-10_05-38	
45	2019/02/11 19:07:50.7	N33° 34.50'	E134° 26.64'	SE OFF SHIKOKU	33.7	3.8	2019-02-11_19-08	
46	2019/02/12 21:34:16.0	N19° 01.20'	E145° 47.82'	NORTHERN MARIANA ISLANDS	144.3	6.0	2019-02-12_21-38	
47	2019/02/12 22:42:17.9	N33° 47.88'	E134° 54.96'	S PART OF KII CHANNEL	13.7	3.6	2019-02-12_22-42	
48	2019/02/12 22:49:57.0	N34° 01.02'	E135° 47.28'	SOUTHERN NARA PREF	48.0	3.3	2019-02-12_22-50	
49	2019/02/14 10:45:44.7	N33° 56.10'	E137° 04.56'	SE OFF KII PENINSULA	371.4	3.9	2019-02-14_10-46	
50	2019/02/15 16:59:55.4	N34° 59.88'	E135° 27.54'	KYOTO OSAKA BORDER REG	12.9	1.9	2019-02-15_16-59	

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	震源時	震央緯度	震央経度	震源位置	震源 深さ (km)	M	データファイル 収録ディレクトリ	備考
51	2019/02/15 22:50:58.8	N34° 48.90'	E135° 37.92'	KYOTO OSAKA BORDER REG	11.2	2.1	2019-02-15_22-51	
52	2019/02/16 14:16:37.1	N34° 49.68'	E135° 38.40'	KYOTO OSAKA BORDER REG	11.1	2.3	2019-02-16_14-16	
53	2019/02/17 23:35:55.0	S03° 20.46'	E152° 07.92'	PAPUA NEW GUINEA	368.1	6.4	2019-02-17_23-43	
54	2019/02/18 09:03:54.2	N30° 54.60'	E137° 17.16'	SHIKOKU BASIN	519.5	4.9	2019-02-18_09-05	
55	2019/02/18 09:05:34.8	N30° 52.14'	E137° 16.08'	SHIKOKU BASIN	509.1	4.3	↑	
56	2019/02/19 04:30:22.0	S09° 30.54'	E112° 51.66'	INDONESIA	23.0	5.7	2019-02-19_04-39	
57	2019/02/19 21:04:09.5	N36° 27.78'	E137° 39.72'	HIDA MOUNTAINS REGION	0.0	4.7	2019-02-19_21-04	
58	2019/02/20 23:00:25.3	N34° 52.92'	E135° 42.84'	KYOTO OSAKA BORDER REG	11.6	2.2	2019-02-20_23-00	
59	2019/02/21 15:34:39.0	S20° 51.06'	W178° 50.34'	FIJI	614.8	5.5	2019-02-21_15-44	
60	2019/02/22 07:07:41.3	N34° 02.76'	E135° 18.60'	NW WAKAYAMA PREF	5.9	2.8	2019-02-22_07-07	
61	2019/02/22 19:17:23.0	S02° 11.16'	W077° 03.00'	ECUADOR	145.0	7.5	2019-02-22_19-36	
62	2019/02/24 23:33:11.0	N34° 50.10'	E135° 36.84'	KYOTO OSAKA BORDER REG	11.6	1.8	2019-02-24_23-33	
63	2019/02/25 03:49:28.9	N35° 32.28'	E136° 18.78'	SHIGA GIFU BORDER REGION	39.5	3.4	2019-02-25_03-49	
64	2019/02/25 20:33:27.8	N34° 53.34'	E135° 39.00'	KYOTO OSAKA BORDER REG	12.4	1.6	2019-02-25_20-33	
65	2019/02/26 04:26:05.9	N34° 51.72'	E135° 38.94'	KYOTO OSAKA BORDER REG	11.2	1.6	2019-02-26_04-26	
66	2019/02/27 16:25:31.7	N36° 03.30'	E137° 34.98'	WESTERN NAGANO PREF	7.9	3.7	2019-02-27_16-26	
67	2019/03/01 17:50:42.0	S14° 42.78'	W070° 09.30'	PERU	267.0	7.0	2019-03-01_18-10	
68	2019/03/02 12:22:55.5	N42° 00.48'	E146° 51.72'	FAR SE OFF HOKKAIDO	51.0	6.2	2019-03-02_12-25	
69	2019/03/03 04:46:21.0	N18° 39.24'	E120° 21.36'	PHILIPPINES	15.7	5.6	2019-03-03_04-51	
70	2019/03/06 06:18:50.5	N32° 46.08'	E131° 55.62'	HYUGANADA REGION	48.0	3.7	2019-03-06_06-19	
71	2019/03/06 17:45:34.6	N35° 05.04'	E135° 42.06'	MID KYOTO PREF	9.8	1.6	2019-03-06_17-45	
72	2019/03/06 18:44:40.9	N35° 02.16'	E135° 35.16'	KYOTO OSAKA BORDER REG	14.0	2.0	2019-03-06_18-44	
73	2019/03/07 11:20:34.5	N33° 22.20'	E134° 47.94'	SE OFF SHIKOKU	31.6	3.9	2019-03-07_11-20	
74	2019/03/09 00:06:12.0	N10° 23.04'	E126° 00.36'	PHILIPPINES	30.0	6.0	2019-03-09_00-11	
75	2019/03/09 01:08:03.5	N35° 22.32'	E136° 41.04'	SW GIFU PREF	42.1	4.4	2019-03-09_01-08	
76	2019/03/09 17:28:51.0	N34° 12.54'	E135° 07.56'	NW WAKAYAMA PREF	7.7	2.5	2019-03-09_17-28	
77	2019/03/10 04:11:15.8	N34° 42.78'	E135° 15.42'	SE HYOGO PREF	6.9	1.3	2019-03-10_04-11	
78	2019/03/10 04:11:28.6	N34° 42.78'	E135° 15.48'	SE HYOGO PREF	6.8	1.7	↑	
79	2019/03/11 02:10:50.5	N36° 45.72'	E142° 24.36'	FAR E OFF FUKUSHIMA PREF	17.8	6.0	2019-03-11_02-12	
80	2019/03/11 15:37:51.2	N33° 11.40'	E132° 42.78'	SW KOCHI PREF	38.1	4.6	2019-03-11_15-38	
81	2019/03/12 01:25:51.0	S06° 02.82'	E149° 00.84'	PAPUA NEW GUINEA	34.6	5.9	2019-03-12_01-33	
82	2019/03/13 13:48:48.7	N33° 48.06'	E134° 54.78'	S PART OF KII CHANNEL	43.0	5.3	2019-03-13_13-48	
83	2019/03/16 18:58:19.0	N13° 33.84'	E120° 52.20'	PHILIPPINES	118.5	5.4	2019-03-16_19-03	
84	2019/03/21 00:23:58.0	S15° 35.82'	E167° 39.30'	VANUATU	119.0	6.3	2019-03-21_00-33	
85	2019/03/23 04:21:17.0	N04° 33.54'	W076° 13.38'	COLOMBIA	122.0	6.1	2019-03-24_04-43	
86	2019/03/24 13:37:35.0	N01° 39.60'	E126° 23.70'	INDONESIA	45.0	6.1	2019-03-24_13-44	
87	2019/03/25 19:00:47.1	N35° 01.68'	E135° 20.88'	SE HYOGO PREF	9.4	1.9	2019-03-25_19-00	
88	2019/03/26 06:19:42.8	N35° 07.44'	E135° 40.92'	MID KYOTO PREF	5.8	2.3	2019-03-26_06-19	
89	2019/03/27 06:51:26.7	N33° 50.10'	E134° 55.80'	S PART OF KII CHANNEL	40.4	3.6	2019-03-27_06-51	
90	2019/03/27 09:11:23.3	N32° 09.18'	E132° 09.30'	HYUGANADA REGION	14.6	5.4	2019-03-27_09-13	
91	2019/03/27 18:18:57.3	N34° 52.86'	E135° 42.78'	KYOTO OSAKA BORDER REG	11.7	2.3	2019-03-27_18-19	
92	2019/03/28 14:32:13.5	N34° 52.86'	E135° 42.96'	KYOTO OSAKA BORDER REG	12.2	1.5	2019-03-28_14-32	
93	2019/03/29 07:06:49.0	N50° 29.70'	E159° 56.58'	RUSSIA	9.0	6.2	2019-03-29_07-11	
94	2019/04/01 11:16:53.0	N10° 36.24'	E125° 51.12'	PHILIPPINES	50.1	5.6	2019-04-01_11-22	
95	2019/04/04 02:05:42.2	N34° 50.58'	E135° 36.36'	KYOTO OSAKA BORDER REG	10.7	1.9	2019-04-04_02-05	
96	2019/04/05 18:56:51.0	N30° 23.88'	E139° 00.54'	NEAR TORISHIMA IS	414.5	5.9	2019-04-05_18-58	
97	2019/04/07 06:55:01.0	S06° 49.74'	E125° 02.52'	EAST TIMOR	539.0	6.3	2019-04-07_07-02	
98	2019/04/07 10:56:29.4	N34° 49.56'	E135° 38.10'	KYOTO OSAKA BORDER REG	10.4	1.6	2019-04-07_10-56	
99	2019/04/07 23:58:19.9	N34° 56.22'	E135° 49.62'	KYOTO OSAKA BORDER REG	10.4	1.8	2019-04-07_23-58	
100	2019/04/10 02:53:58.0	S58° 37.56'	W025° 18.24'	SOUTH SANDWICH ISLANDS	38.0	6.5	2019-04-10_03-13	

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	震源時	震央緯度	震央経度	震源位置	震源 深さ (km)	M	データファイル 収録ディレクトリ	備考
101	2019/04/10 12:44:33.1	N33° 49.20'	E135° 12.18'	CENTRAL WAKAYAMA PREF	46.3	3.1	2019-04-10_12-44	
102	2019/04/11 17:18:18.1	N40° 21.72'	E143° 24.30'	FAR E OFF SANRIKU	4.9	6.2	2019-04-11_17-22	
103	2019/04/12 15:50:31.4	N34° 57.78'	E135° 40.68'	KYOTO OSAKA BORDER REG	11.3	2.9	2019-04-12_15-50	
104	2019/04/12 16:30:05.2	N25° 58.08'	E141° 24.54'	IOTO ISLANDS REGION	547.0	5.8	2019-04-12_16-32	
105	2019/04/12 20:40:49.0	S01° 48.90'	E122° 34.80'	INDONESIA	15.5	6.8	2019-04-12_20-48	
106	2019/04/12 20:40:49.0	S01° 48.90'	E122° 34.80'	INDONESIA	15.5	6.8	2019-04-12_21-01	
107	2019/04/13 04:13:16.7	N34° 54.06'	E135° 33.00'	KYOTO OSAKA BORDER REG	12.9	1.9	2019-04-13_04-13	
108	2019/04/14 01:29:14.2	N34° 21.42'	E135° 46.80'	SOUTHERN NARA PREF	58.2	3.2	2019-04-14_01-29	
109	2019/04/14 04:49:49.5	N34° 13.50'	E135° 08.64'	NW WAKAYAMA PREF	7.8	2.3	2019-04-14_04-49	
110	2019/04/14 20:28:13.1	N34° 58.20'	E135° 43.32'	KYOTO OSAKA BORDER REG	6.1	2.5	2019-04-14_20-28	
111	2019/04/16 19:42:34.1	N34° 15.48'	E136° 41.10'	SE OFF KII PENINSULA	359.3	3.6	2019-04-16_19-43	
112	2019/04/17 03:10:42.5	N34° 57.84'	E135° 40.74'	KYOTO OSAKA BORDER REG	11.2	1.5	2019-04-17_03-10	
113	2019/04/18 14:01:06.4	N24° 00.66'	E121° 30.84'	TAIWAN REGION	20.0	6.5	2019-04-18_14-12	
114	2019/04/21 00:27:22.9	N28° 29.16'	E139° 38.16'	W OFF OGASAWARA	492.9	4.7	2019-04-21_00-29	
115	2019/04/21 09:28:17.7	N36° 04.86'	E137° 22.56'	NORTHERN GIFU PREF	245.2	3.3	2019-04-21_09-28	
116	2019/04/21 11:48:37.3	N34° 12.78'	E135° 08.22'	NW WAKAYAMA PREF	6.9	3.4	2019-04-21_11-48	
117	2019/04/21 20:02:10.2	N34° 52.56'	E135° 34.86'	KYOTO OSAKA BORDER REG	11.5	1.5	2019-04-21_20-02	
118	2019/04/22 04:27:14.4	N34° 12.96'	E135° 08.64'	NW WAKAYAMA PREF	6.7	2.7	2019-04-22_04-27	
119	2019/04/22 05:53:42.1	N34° 12.96'	E135° 08.82'	NW WAKAYAMA PREF	6.1	2.0	2019-04-22_05-53	
120	2019/04/22 17:28:58.8	N34° 27.84'	E135° 49.92'	NORTHERN NARA PREF	7.7	1.1	2019-04-22_17-29	
121	2019/04/22 18:11:12.0	N14° 57.24'	E120° 30.90'	PHILIPPINES	21.8	6.1	2019-04-22_18-16	
122	2019/04/23 05:33:27.8	N33° 59.28'	E135° 17.76'	CENTRAL WAKAYAMA PREF	6.5	3.4	2019-04-23_05-33	
123	2019/04/23 14:37:53.0	N11° 45.30'	E125° 12.06'	PHILIPPINES	56.0	6.4	2019-04-23_14-43	
124	2019/04/23 23:20:17.0	S24° 42.36'	W178° 45.84'	SOUTH OF THE FIJI ISLANDS	385.6	6.0	2019-04-23_23-31	
125	2019/04/24 17:17:39.2	N34° 36.90'	E135° 17.70'	OSAKA BAY REGION	11.0	2.6	2019-04-24_17-17	
126	2019/04/25 22:56:09.1	N34° 36.84'	E135° 17.64'	OSAKA BAY REGION	11.0	2.6	2019-04-25_22-56	
127	2019/04/26 00:46:56.3	N34° 50.70'	E135° 37.86'	KYOTO OSAKA BORDER REG	12.7	2.2	2019-04-26_00-47	
128	2019/04/26 05:23:25.0	N37° 21.90'	E135° 03.60'	SEA OF JAPAN	396.5	4.2	2019-04-26_05-24	
129	2019/04/28 02:24:47.1	N42° 33.60'	E142° 52.80'	HIDAKA MOUNTAINS REGION	101.7	5.6	2019-04-28_02-26	
130	2019/04/29 14:24:00.0	N34° 32.52'	E137° 34.56'	ENSYUNADA	318.6	4.8	2019-04-29_14-24	
131	2019/05/02 06:22:13.3	N33° 55.80'	E135° 29.40'	CENTRAL WAKAYAMA PREF	52.3	3.1	2019-05-02_06-22	
132	2019/05/02 21:12:14.7	N35° 03.96'	E135° 38.76'	MID KYOTO PREF	7.6	2.5	2019-05-02_21-12	
133	2019/05/03 16:25:31.0	S06° 56.88'	E160° 06.78'	SOLOMON ISLANDS	27.0	6.2	2019-05-03_16-34	
134	2019/05/06 09:50:06.3	N34° 59.82'	E135° 57.00'	SE SHIGA PREF	9.2	2.8	2019-05-06_09-50	
135	2019/05/06 11:48:42.0	N18° 44.10'	E120° 52.56'	PHILIPPINES	35.0	5.5	2019-05-06_11-53	
136	2019/05/06 19:12:23.0	N34° 05.58'	E135° 08.46'	NW WAKAYAMA PREF	6.3	3.1	2019-05-06_19-12	
137	2019/05/07 06:19:37.0	S06° 58.50'	E146° 26.94'	PAPUA NEW GUINEA	146.0	7.1	2019-05-07_06-27	
138	2019/05/07 07:49:47.9	N35° 02.76'	E135° 33.00'	KYOTO OSAKA BORDER REG	11.0	1.9	2019-05-07_07-49	
139	2019/05/08 08:00:02.4	N33° 50.10'	E134° 58.38'	S PART OF KII CHANNEL	12.2	3.0	2019-05-08_08-00	
140	2019/05/10 07:43:21.2	N31° 47.16'	E131° 59.52'	HYUGANADA REGION	25.4	5.6	2019-05-10_07-44	
141	2019/05/10 08:48:41.6	N31° 48.06'	E131° 58.50'	HYUGANADA REGION	25.5	6.3	2019-05-10_08-49	
142	2019/05/11 01:21:25.6	N34° 51.00'	E135° 25.50'	KYOTO OSAKA BORDER REG	9.8	1.2	2019-05-11_01-21	
143	2019/05/11 08:59:40.0	N32° 41.40'	E132° 17.64'	HYUGANADA REGION	36.3	5.0	2019-05-11_09-01	
144	2019/05/11 22:40:16.1	N34° 51.00'	E135° 25.50'	SE HYOGO PREF	9.8	1.6	2019-05-11_22-40	
145	2019/05/13 12:32:16.5	N35° 16.38'	E136° 42.18'	CENTRAL AICHI PREF	36.2	2.7	2019-05-13_12-32	
146	2019/05/14 04:33:29.3	N34° 50.22'	E135° 36.24'	KYOTO OSAKA BORDER REG	9.5	1.8	2019-05-14_04-33	
147	2019/05/14 10:50:01.1	N32° 45.24'	E137° 07.98'	FAR S OFF TOKAI DISTRICT	42.0	3.4	2019-05-14_10-50	
148	2019/05/14 21:40:05.7	N34° 28.08'	E135° 52.08'	NORTHERN NARA PREF	9.2	1.5	2019-05-14_21-40	
149	2019/05/14 21:58:25.0	S04° 03.06'	E152° 35.82'	PAPUA NEW GUINEA	10.0	7.6	2019-05-14_22-06	
150	2019/05/14 23:16:05.0	N34° 16.02'	E135° 48.00'	SOUTHERN NARA PREF	60.5	2.9	2019-05-14_23-16	

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	震源時	震央緯度	震央経度	震源位置	震源 深さ (km)	M	データファイル 収録ディレクトリ	備考
151	2019/05/15 05:55:27.2	N43° 36.30'	E147° 50.16'	E OFF HOKKAIDO	5.0	5.0	2019-05-15_05-58	
152	2019/05/15 14:24:31.2	N29° 44.64'	E130° 41.16'	NEAR AMAMI-OSHIMA ISLAND	35.6	5.7	2019-05-15_14-28	
153	2019/05/15 17:32:03.7	N32° 23.64'	E137° 31.80'	FAR S OFF TOKAI DISTRICT	437.8	4.1	2019-05-15_17-33	
154	2019/05/17 16:21:23.5	N34° 52.80'	E135° 40.62'	KYOTO OSAKA BORDER REG	11.6	2.3	2019-05-17_16-21	
155	2019/05/19 10:23:29.0	S21° 39.72'	E169° 46.68'	NEW CALEDONIA	20.0	6.3	2019-05-19_10-34	
156	2019/05/20 08:13:14.9	N34° 52.80'	E135° 40.68'	KYOTO OSAKA BORDER REG	11.6	2.0	2019-05-20_08-13	
157	2019/05/21 07:17:34.8	N34° 53.46'	E135° 35.76'	KYOTO OSAKA BORDER REG	10.9	3.5	2019-05-21_07-17	
158	2019/05/21 17:31:28.7	N34° 53.52'	E135° 35.70'	KYOTO OSAKA BORDER REG	10.7	1.8	2019-05-21_17-31	
159	2019/05/22 22:37:51.5	N35° 01.62'	E135° 40.86'	KYOTO OSAKA BORDER REG	6.9	1.4	2019-05-22_22-37	
160	2019/05/23 17:45:17.0	N51° 18.48'	W178° 14.34'	ALASKA	30.0	6.0	2019-05-23_17-52	
161	2019/05/24 11:52:19.4	N34° 52.56'	E135° 43.38'	KYOTO OSAKA BORDER REG	10.7	1.8	2019-05-24_11-52	
162	2019/05/24 13:25:11.3	N34° 05.58'	E135° 34.80'	NE WAKAYAMA PREF	61.7	3.8	2019-05-24_13-25	
163	2019/05/25 05:14:22.3	N34° 20.28'	E135° 36.54'	NE WAKAYAMA PREF	64.6	2.7	2019-05-25_05-14	
164	2019/05/25 15:20:46.6	N35° 21.42'	E140° 17.40'	KUJUKURI COAST BOSO PEN	38.1	5.1	2019-05-25_15-21	
165	2019/05/26 16:41:15.0	S05° 48.72'	W075° 16.20'	PERU	122.6	8.0	2019-05-26_17-04	
166	2019/05/26 16:41:15.0	S05° 48.72'	W075° 16.20'	PERU	122.6	8.0	2019-05-26_17-23	
167	2019/05/26 16:41:15.0	S05° 48.72'	W075° 16.20'	PERU	122.6	8.0	2019-05-26_17-41	
168	2019/05/26 16:41:15.0	S05° 48.72'	W075° 16.20'	PERU	122.6	8.0	2019-05-26_17-49	
169	2019/05/27 12:54:28.9	N34° 52.14'	E135° 37.02'	KYOTO OSAKA BORDER REG	10.4	2.4	2019-05-27_12-54	
170	2019/05/27 18:52:21.0	N58° 51.36'	W152° 21.48'	ALASKA	64.0	5.8	2019-05-27_19-01	
171	2019/05/29 04:38:52.2	N34° 53.46'	E135° 34.08'	KYOTO OSAKA BORDER REG	11.1	1.9	2019-05-29_04-38	
172	2019/05/30 05:41:58.5	N34° 06.36'	E135° 11.46'	NW WAKAYAMA PREF	2.7	2.9	2019-05-30_05-42	
173	2019/05/31 00:38:01.0	S21° 45.24'	W176° 19.02'	TONGA	177.8	6.0	2019-05-31_00-49	
174	2019/05/31 19:12:32.0	N06° 16.74'	E126° 28.74'	PHILIPPINES	98.7	6.1	2019-05-31_19-25	
175	2019/06/02 00:36:03.1	N35° 04.14'	E135° 36.90'	MID KYOTO PREF	12.1	1.4	2019-06-02_00-36	
176	2019/06/02 05:14:01.4	N23° 37.98'	E142° 22.56'	IOTO ISLANDS REGION	132.3	5.7	2019-06-02_05-16	
177	2019/06/02 11:08:30.0	N34° 07.44'	E137° 09.36'	ENSYUNADA	348.3	3.2	2019-06-02_11-09	
178	2019/06/03 14:57:09.0	N00° 22.68'	E097° 43.32'	INDONESIA	19.0	5.8	2019-06-03_15-05	
179	2019/06/04 12:56:33.9	N35° 02.34'	E135° 35.82'	KYOTO OSAKA BORDER REG	11.3	1.7	2019-06-04_12-56	
180	2019/06/04 13:39:15.9	N29° 03.36'	E139° 39.72'	NEAR TORISHIMA IS	445.0	6.2	2019-06-04_13-40	
181	2019/06/06 05:41:49.0	N06° 28.56'	E124° 10.08'	PHILIPPINES	470.1	5.5	2019-06-06_05-47	
182	2019/06/09 05:16:38.9	N35° 55.80'	E134° 52.20'	NW OFF KINKI DISTRICT	16.6	3.6	2019-06-09_05-16	
183	2019/06/11 00:25:41.2	N34° 55.80'	E138° 13.86'	CENTRAL SHIZUOKA PREF	28.7	4.0	2019-06-11_00-26	
184	2019/06/14 16:50:56.0	N13° 32.52'	E145° 20.28'	GUAM	59.7	5.2	2019-06-14_16-55	
185	2019/06/15 05:10:52.0	S05° 50.58'	E130° 43.50'	INDONESIA	105.0	5.7	2019-06-15_05-18	
186	2019/06/16 07:55:04.0	S30° 38.64'	W178° 06.00'	NEW ZEALAND	46.0	7.3	2019-06-16_08-06	
187	2019/06/16 07:55:04.0	S30° 38.64'	W178° 06.00'	NEW ZEALAND	46.0	7.3	2019-06-16_08-33	
188	2019/06/16 08:59:54.9	N34° 51.48'	E135° 38.16'	KYOTO OSAKA BORDER REG	12.0	2.9	2019-06-16_08-59	
189	2019/06/16 16:23:54.7	N34° 51.48'	E135° 37.98'	KYOTO OSAKA BORDER REG	12.3	2.5	2019-06-16_16-23	波形に大ノイズ：神戸大学
190	2019/06/17 14:44:03.8	N34° 50.16'	E135° 37.62'	KYOTO OSAKA BORDER REG	9.8	2.5	2019-06-17_14-44	
191	2019/06/18 14:14:46.0	S25° 27.60'	E178° 12.78'	SOUTH OF THE FIJI ISLANDS	579.0	5.5	2019-06-18_14-25	
192	2019/06/18 15:41:08.2	N34° 17.76'	E137° 53.76'	ENSYUNADA	308.4	3.7	2019-06-18_15-41	
193	2019/06/18 22:22:19.9	N38° 36.48'	E139° 28.74'	W OFF YAMAGATA PREF	14.0	6.7	2019-06-18_22-23	
194	2019/06/19 16:01:45.0	S30° 31.44'	W177° 50.88'	NEW ZEALAND	30.0	6.4	2019-06-19_16-13	
195	2019/06/20 01:55:47.8	N35° 00.60'	E140° 11.76'	SE OFF BOSO PENINSULA	76.5	4.4	2019-06-20_01-56	
196	2019/06/20 06:18:15.9	N35° 24.60'	E136° 44.28'	SW GIFU PREF	11.6	3.3	2019-06-20_06-18	
197	2019/06/21 01:30:09.9	N34° 16.56'	E135° 40.50'	NE WAKAYAMA PREF	61.6	2.0	2019-06-21_01-30	
198	2019/06/24 01:13:42.4	N33° 56.76'	E136° 07.92'	SOUTHERN MIE PREF	44.3	3.1	2019-06-24_01-13	
199	2019/06/24 09:11:44.1	N34° 55.74'	E139° 57.84'	SOUTHERN BOSO PENINSULA	60.9	5.2	2019-06-24_09-12	
200	2019/06/24 10:05:29.0	S02° 46.56'	E138° 34.02'	INDONESIA	28.0	6.1	2019-06-24_10-12	

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	震源時	震央緯度	震央経度	震源位置	震源深さ(km)	M	データファイル 収録ディレクトリ	備考
201	2019/06/24 11:53:39.0	S06° 24.48'	E129° 10.14'	INDONESIA	212.0	7.3	2019-06-24_12-01	
202	2019/06/25 08:31:08.5	N35° 18.60'	E135° 59.04'	NW SHIGA PREF	16.9	3.0	2019-06-25_08-31	
203	2019/06/25 13:46:07.3	N34° 50.04'	E135° 37.32'	KYOTO OSAKA BORDER REG	9.7	1.8	2019-06-25_13-46	
204	2019/06/25 18:05:40.0	N56° 12.12'	E164° 13.98'	RUSSIA	10.0	6.4	2019-06-25_18-20	
205	2019/06/26 11:18:07.0	N56° 10.92'	E164° 05.28'	RUSSIA	10.0	6.3	2019-06-26_11-24	
206	2019/06/26 22:39:34.2	N34° 44.58'	E135° 55.92'	NORTHERN NARA PREF	9.9	2.7	2019-06-26_22-39	
207	2019/06/29 00:51:31.0	N19° 51.12'	E144° 20.88'	NORTHERN MARIANA ISLANDS	410.0	6.4	2019-06-29_00-54	
208	2019/06/29 07:31:21.0	N34° 57.12'	E135° 36.90'	KYOTO OSAKA BORDER REG	10.2	1.9	2019-06-29_07-31	
209	2019/07/01 16:21:27.1	N34° 12.78'	E135° 09.84'	NW WAKAYAMA PREF	6.5	2.6	2019-07-01_16-21	
210	2019/07/01 17:35:35.2	N34° 54.36'	E135° 35.46'	KYOTO OSAKA BORDER REG	11.1	2.0	2019-07-01_17-35	
211	2019/07/02 00:26:55.9	N34° 52.20'	E135° 35.82'	KYOTO OSAKA BORDER REG	11.6	1.4	2019-07-02_00-27	
212	2019/07/02 01:59:25.0	N09° 10.20'	E124° 11.52'	PHILIPPINES	533.0	5.9	2019-07-02_02-04	
213	2019/07/02 02:13:28.0	S15° 26.40'	E167° 31.86'	VANUATU	91.0	6.0	2019-07-02_02-23	
214	2019/07/02 09:06:33.7	N33° 40.68'	E137° 13.02'	SE OFF KII PENINSULA	366.3	4.1	2019-07-02_09-07	
215	2019/07/03 12:45:29.0	S22° 08.16'	W179° 30.90'	FIJI	596.1	5.8	2019-07-03_12-55	
216	2019/07/06 17:23:14.0	N34° 50.64'	E135° 35.52'	KYOTO OSAKA BORDER REG	9.5	1.8	2019-07-06_17-23	
217	2019/07/08 00:08:40.0	N00° 30.78'	E126° 11.34'	INDONESIA	35.0	6.9	2019-07-08_00-15	
218	2019/07/09 20:33:28.3	N47° 04.50'	E145° 16.80'	SOUTHERN SEA OF OKHOTSK	489.1	5.6	2019-07-09_20-36	
219	2019/07/10 00:03:49.3	N34° 49.50'	E135° 37.38'	KYOTO OSAKA BORDER REG	10.4	1.9	2019-07-10_00-03	
220	2019/07/10 03:43:43.0	N52° 53.94'	W167° 28.98'	ALASKA	33.1	5.5	2019-07-10_03-51	
221	2019/07/10 06:13:32.5	N34° 03.72'	E135° 04.20'	NW WAKAYAMA PREF	12.1	3.7	2019-07-10_06-13	
222	2019/07/10 20:33:03.2	N35° 28.08'	E136° 44.10'	SW GIFU PREF	9.0	3.6	2019-07-10_20-33	
223	2019/07/11 03:31:26.6	N34° 57.66'	E135° 32.52'	KYOTO OSAKA BORDER REG	13.4	2.2	2019-07-11_03-31	
224	2019/07/12 02:08:37.0	S04° 38.46'	E155° 13.44'	PAPUA NEW GUINEA	495.2	6.0	2019-07-12_02-15	
225	2019/07/12 12:15:02.4	N34° 57.78'	E135° 32.46'	KYOTO OSAKA BORDER REG	13.2	2.0	2019-07-12_12-15	
226	2019/07/13 09:57:43.0	N29° 14.16'	E128° 10.74'	NW OFF AMAMI-Oshima IS	256.3	6.0	2019-07-13_09-59	
227	2019/07/14 11:48:49.3	N34° 47.76'	E136° 01.26'	KYOTO OSAKA BORDER REG	8.6	2.3	2019-07-14_11-48	
228	2019/07/14 18:10:51.0	S00° 35.16'	E128° 02.04'	INDONESIA	19.0	7.2	2019-07-14_18-17	
229	2019/07/15 03:31:37.3	N34° 08.58'	E135° 09.00'	NW WAKAYAMA PREF	4.9	2.2	2019-07-15_03-31	
230	2019/07/16 02:40:26.0	N35° 02.34'	E135° 43.92'	KYOTO OSAKA BORDER REG	7.8	1.0	2019-07-16_02-40	
231	2019/07/18 13:09:43.0	N34° 09.42'	E135° 36.36'	NE WAKAYAMA PREF	65.7	2.5	2019-07-18_13-09	
232	2019/07/19 14:31:15.6	N34° 53.58'	E135° 35.82'	KYOTO OSAKA BORDER REG	10.6	2.4	2019-07-19_14-31	
233	2019/07/20 02:43:07.6	N34° 41.94'	E135° 15.42'	OSAKA BAY REGION	7.9	2.1	2019-07-20_02-43	
234	2019/07/20 02:43:26.0	N34° 41.88'	E135° 15.30'	OSAKA BAY REGION	7.9	1.7	↑	
235	2019/07/21 23:07:54.8	N34° 08.82'	E135° 05.88'	NW WAKAYAMA PREF	8.5	2.6	2019-07-21_23-07	
236	2019/07/22 00:14:52.8	N34° 53.16'	E135° 38.52'	KYOTO OSAKA BORDER REG	10.8	1.5	2019-07-22_00-14	
237	2019/07/23 06:47:06.7	N33° 12.06'	E138° 20.82'	FAR S OFF TOKAI DISTRICT	312.0	3.8	2019-07-23_06-47	
238	2019/07/23 19:19:50.9	N34° 58.86'	E135° 29.16'	KYOTO OSAKA BORDER REG	8.6	1.8	2019-07-23_19-19	
239	2019/07/28 03:31:06.7	N33° 09.66'	E137° 23.88'	SE OFF KII PENINSULA	392.9	6.6	2019-07-28_03-32	
240	2019/07/29 18:10:22.5	N34° 00.78'	E136° 49.98'	SE OFF KII PENINSULA	22.0	2.7	2019-07-29_18-10	
241	2019/07/29 18:10:39.5	N33° 59.52'	E136° 48.78'	SE OFF KII PENINSULA	9.3	2.3	↑	
242	2019/07/30 05:37:43.9	N32° 54.78'	E140° 46.62'	E OFF HACHIJUJIMA ISLAND	58.6	5.9	2019-07-30_05-38	
243	2019/07/30 13:13:22.0	N34° 28.08'	E135° 52.08'	NORTHERN NARA PREF	9.1	1.3	2019-07-30_13-13	
244	2019/08/01 00:02:33.0	S16° 11.88'	E167° 59.88'	VANUATU	181.0	6.6	2019-08-01_00-12	
245	2019/08/01 10:22:16.0	S19° 46.32'	E133° 54.00'	AUSTRALIA	10.0	5.1	2019-08-01_10-31	
246	2019/08/02 00:31:55.5	N33° 42.66'	E135° 06.42'	S PART OF KII CHANNEL	40.2	2.7	2019-08-02_00-32	
247	2019/08/02 21:03:27.0	S07° 16.92'	E104° 47.46'	INDONESIA	49.0	6.9	2019-08-02_21-12	
248	2019/08/03 07:14:47.1	N34° 14.16'	E135° 16.50'	NW WAKAYAMA PREF	6.8	2.1	2019-08-03_07-14	
249	2019/08/04 16:16:27.5	N34° 50.04'	E135° 37.38'	KYOTO OSAKA BORDER REG	9.7	2.6	2019-08-04_16-16	
250	2019/08/04 19:23:03.5	N37° 42.42'	E141° 37.98'	E OFF FUKUSHIMA PREF	45.2	6.4	2019-08-04_19-24	

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	震源時	震央緯度	震央経度	震源位置	震源 深さ (km)	M	データファイル 収録ディレクトリ	備考
251	2019/08/07 07:14:14.0	S17° 57.54'	E168° 35.04'	VANUATU	150.0	5.9	2019-08-07_07-24	
252	2019/08/07 21:04:24.2	N34° 19.68'	E135° 47.34'	SOUTHERN NARA PREF	57.5	1.8	2019-08-07_21-04	
253	2019/08/08 05:07:19.8	N35° 08.52'	E135° 27.12'	MID KYOTO PREF	12.4	2.4	2019-08-08_05-07	
254	2019/08/08 06:28:03.4	N24° 22.44'	E121° 52.20'	TAIWAN REGION	38.4	6.4	2019-08-08_06-31	
255	2019/08/08 09:45:26.0	N36° 31.62'	E070° 03.42'	AFGHANISTAN	226.0	5.8	2019-08-08_09-54	
256	2019/08/09 14:28:46.6	N34° 55.38'	E135° 40.38'	KYOTO OSAKA BORDER REG	9.4	2.1	2019-08-09_14-28	
257	2019/08/11 03:46:47.1	N34° 53.52'	E135° 38.16'	KYOTO OSAKA BORDER REG	10.6	2.1	2019-08-11_03-46	
258	2019/08/12 20:51:34.0	N34° 13.20'	E135° 10.02'	NW WAKAYAMA PREF	6.3	2.6	2019-08-12_20-51	
259	2019/08/16 13:14:41.5	N34° 59.22'	E135° 39.36'	KYOTO OSAKA BORDER REG	9.2	1.9	2019-08-16_13-14	
260	2019/08/16 18:32:30.8	N34° 58.38'	E135° 50.76'	KYOTO OSAKA BORDER REG	11.6	1.9	2019-08-16_18-32	
261	2019/08/20 01:07:42.8	N34° 54.60'	E135° 38.82'	KYOTO OSAKA BORDER REG	10.5	1.6	2019-08-20_01-07	
262	2019/08/20 09:30:03.5	N34° 55.44'	E135° 38.52'	KYOTO OSAKA BORDER REG	10.3	2.9	2019-08-20_09-30	
263	2019/08/20 21:52:22.4	N28° 02.40'	E130° 55.08'	NEAR AMAMI-OSHIMA ISLAND	75.0	5.0	2019-08-20_21-54	
264	2019/08/20 22:03:52.0	S11° 22.08'	E166° 17.46'	SOLOMON ISLANDS	37.0	6.0	2019-08-20_22-13	
265	2019/08/22 05:03:47.6	N34° 08.88'	E135° 40.98'	SOUTHERN NARA PREF	55.8	2.7	2019-08-22_05-03	
266	2019/08/23 07:54:25.0	S12° 34.86'	E167° 03.72'	VANUATU	206.9	5.6	2019-08-23_08-03	
267	2019/08/24 13:52:46.5	N37° 23.28'	E142° 25.14'	E OFF FUKUSHIMA PREF	24.6	5.6	2019-08-24_13-56	
268	2019/08/25 00:51:27.0	S14° 18.54'	E167° 11.40'	VANUATU	115.0	6.0	2019-08-25_01-01	
269	2019/08/29 08:46:39.3	N40° 58.86'	E143° 01.68'	E OFF AOMORI PREF	21.0	6.1	2019-08-29_08-51	
270	2019/08/29 17:50:48.9	N34° 12.90'	E137° 15.06'	ENSYUNADA	350.6	3.6	2019-08-29_17-51	
271	2019/08/31 03:30:11.4	N34° 30.90'	E135° 29.46'	OSAKA PREF	10.1	1.9	2019-08-31_03-30	
272	2019/08/31 08:32:41.7	N35° 30.12'	E136° 27.06'	SHIGA GIFU BORDER REGION	10.7	3.7	2019-08-31_08-33	
273	2019/08/31 18:03:17.5	N35° 52.80'	E138° 07.74'	AKAISHI MOUNTAINS REG	11.1	4.1	2019-08-31_18-04	
274	2019/09/01 11:41:21.3	N34° 28.02'	E135° 54.72'	NORTHERN NARA PREF	9.4	1.6	2019-09-01_11-41	
275	2019/09/02 00:54:20.0	S20° 21.84'	W178° 34.20'	FIJI	591.0	6.6	2019-09-02_01-04	
276	2019/09/03 12:28:52.3	N34° 22.50'	E135° 28.08'	OSAKA PREF	5.5	1.5	2019-09-03_12-28	
277	2019/09/05 09:57:39.5	N33° 17.82'	E135° 24.42'	S OFF KII PENINSULA	28.9	4.1	2019-09-05_09-57	
278	2019/09/05 22:28:12.4	N35° 09.06'	E135° 44.64'	MID KYOTO PREF	11.0	1.7	2019-09-05_22-28	
279	2019/09/05 22:58:34.0	N14° 43.56'	E116° 08.10'	SOUTH CHINA SEA	11.2	5.3	2019-09-05_23-04	
280	2019/09/06 22:09:51.7	N34° 57.30'	E135° 22.80'	KYOTO OSAKA BORDER REG	10.1	1.3	2019-09-06_22-09	
281	2019/09/09 02:30:08.4	N34° 44.88'	E135° 57.24'	NORTHERN NARA PREF	9.2	2.2	2019-09-09_02-30	
282	2019/09/09 20:47:18.7	N34° 37.02'	E136° 11.16'	NORTHERN MIE PREF	49.0	2.8	2019-09-09_20-47	
283	2019/09/11 22:16:05.6	N34° 47.34'	E137° 27.90'	HAMANAKO LAKE REGION	299.5	3.4	2019-09-11_22-16	
284	2019/09/14 11:47:47.8	N34° 59.22'	E135° 33.30'	KYOTO OSAKA BORDER REG	10.1	1.3	2019-09-14_11-47	
285	2019/09/15 01:21:27.0	S00° 58.86'	E128° 32.22'	INDONESIA	4.5	5.8	2019-09-15_01-28	
286	2019/09/15 14:08:59.0	N34° 25.02'	E134° 51.30'	AWAJISHIMA ISLAND REGION	13.8	2.9	2019-09-15_14-09	
287	2019/09/16 07:17:31.5	N33° 55.62'	E135° 10.56'	CENTRAL WAKAYAMA PREF	8.2	2.9	2019-09-16_07-17	
288	2019/09/19 16:32:01.0	S06° 03.54'	E111° 53.28'	INDONESIA	617.6	5.9	2019-09-19_16-39	
289	2019/09/20 17:56:33.0	N34° 51.24'	E135° 35.58'	KYOTO OSAKA BORDER REG	8.1	1.9	2019-09-20_17-56	
290	2019/09/21 10:41:12.0	N34° 53.10'	E135° 33.30'	KYOTO OSAKA BORDER REG	10.0	2.0	2019-09-21_10-41	
291	2019/09/22 02:48:59.6	N34° 58.08'	E135° 29.10'	KYOTO OSAKA BORDER REG	10.3	2.9	2019-09-22_02-49	
292	2019/09/26 08:46:43.0	S03° 27.18'	E128° 22.20'	INDONESIA	12.3	6.5	2019-09-26_08-54	
293	2019/09/27 10:20:38.3	N34° 55.08'	E135° 39.84'	KYOTO OSAKA BORDER REG	7.4	1.7	2019-09-27_10-20	
294	2019/09/27 21:05:02.0	S30° 10.38'	W177° 51.78'	NEW ZEALAND	34.0	6.1	2019-09-27_21-16	
295	2019/09/28 19:52:22.0	N32° 37.38'	E135° 41.88'	S OFF KII PENINSULA	39.7	2.9	2019-09-28_19-52	
296	2019/09/29 11:02:51.0	N05° 40.56'	E126° 32.88'	PHILIPPINES	73.0	6.2	2019-09-29_11-08	
297	2019/10/01 02:56:08.4	N43° 17.88'	E136° 39.00'	EASTERN SEA OF JAPAN	343.7	4.8	2019-10-01_02-58	
298	2019/10/07 08:02:30.7	N33° 50.22'	E132° 21.48'	AKINADA SETONAIKAI	49.9	4.3	2019-10-07_08-03	
299	2019/10/07 08:41:52.5	N34° 47.70'	E135° 28.14'	OSAKA PREF	10.0	2.0	2019-10-07_08-41	
300	2019/10/09 17:51:22.7	N29° 58.68'	E139° 21.18'	NEAR TORISHIMA IS	437.2	4.8	2019-10-09_17-52	

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	震源時	震央緯度	震央経度	震源位置	震源 深さ (km)	M	データファイル 収録ディレクトリ	備考
301	2019/10/12 18:21:53.6	N34° 40.44'	E140° 38.94'	SE OFF BOSO PENINSULA	75.3	5.4	2019-10-12_18-23	
302	2019/10/14 00:05:22.4	N34° 25.74'	E135° 52.68'	NORTHERN NARA PREF	10.2	1.6	2019-10-14_00-05	
303	2019/10/14 21:19:43.4	N34° 50.82'	E135° 35.70'	KYOTO OSAKA BORDER REG	10.2	1.6	2019-10-14_21-19	
304	2019/10/14 23:09:26.4	N34° 43.92'	E137° 00.54'	MIKAWA BAY REGION	340.3	4.0	2019-10-14_23-10	
305	2019/10/15 20:29:20.0	N34° 37.26'	E136° 22.92'	NORTHERN MIE PREF	10.8	3.3	2019-10-15_20-29	
306	2019/10/16 20:37:06.0	N06° 42.90'	E125° 00.42'	PHILIPPINES	16.1	6.4	2019-10-16_20-43	
307	2019/10/17 14:42:08.7	N34° 39.54'	E136° 52.68'	MIKAWA BAY REGION	343.5	3.7	2019-10-17_14-42	
308	2019/10/18 04:34:07.0	S02° 53.94'	E141° 37.86'	PAPUA NEW GUINEA	20.1	5.5	2019-10-18_04-41	
309	2019/10/20 04:20:13.8	N34° 53.52'	E135° 39.54'	KYOTO OSAKA BORDER REG	10.2	1.8	2019-10-20_04-20	
310	2019/10/20 19:42:57.8	N34° 55.62'	E135° 32.04'	KYOTO OSAKA BORDER REG	12.2	1.4	2019-10-20_19-43	
311	2019/10/21 11:52:29.0	S19° 01.08'	E169° 29.28'	VANUATU	231.0	6.4	2019-10-21_12-02	
312	2019/10/23 16:28:45.2	N34° 53.82'	E135° 41.64'	KYOTO OSAKA BORDER REG	10.4	1.7	2019-10-23_16-28	
313	2019/10/24 03:11:55.7	N33° 33.84'	E135° 19.86'	S PART OF KII CHANNEL	31.4	3.8	2019-10-24_03-12	
314	2019/10/26 07:17:02.4	N34° 48.96'	E135° 37.86'	KYOTO OSAKA BORDER REG	10.8	1.9	2019-10-26_07-17	
315	2019/10/26 15:56:13.0	N34° 01.50'	E136° 30.18'	SE OFF KII PENINSULA	39.9	2.5	2019-10-26_15-56	
316	2019/10/26 21:32:23.2	N35° 04.32'	E135° 38.94'	MID KYOTO PREF	7.3	3.5	2019-10-26_21-32	
317	2019/10/26 22:10:06.2	N35° 04.26'	E135° 38.88'	MID KYOTO PREF	7.3	2.7	2019-10-26_22-10	
318	2019/10/27 19:03:25.7	N34° 50.04'	E135° 36.12'	KYOTO OSAKA BORDER REG	9.7	3.2	2019-10-27_19-03	
319	2019/10/27 19:06:08.0	N34° 50.10'	E135° 36.24'	KYOTO OSAKA BORDER REG	9.7	2.3	2019-10-27_19-06	
320	2019/10/29 10:04:43.0	N06° 45.42'	E125° 00.48'	PHILIPPINES	15.0	6.6	2019-10-29_10-10	
321	2019/10/30 00:04:22.1	N34° 56.76'	E135° 35.88'	KYOTO OSAKA BORDER REG	11.8	2.2	2019-10-30_00-04	
322	2019/10/30 01:21:59.9	N34° 50.04'	E135° 36.24'	KYOTO OSAKA BORDER REG	9.8	1.6	2019-10-30_01-22	
323	2019/10/30 02:20:32.3	N34° 50.04'	E135° 36.24'	KYOTO OSAKA BORDER REG	9.8	1.3	2019-10-30_02-20	
324	2019/10/30 04:32:13.4	N34° 58.68'	E135° 32.82'	KYOTO OSAKA BORDER REG	12.8	3.4	2019-10-30_04-32	
325	2019/10/30 13:09:56.7	N34° 04.38'	E137° 08.28'	ENSYUNADA	344.3	3.3	2019-10-30_13-10	
326	2019/10/30 22:22:30.4	N34° 48.96'	E137° 00.96'	MIKAWA BAY REGION	37.3	3.2	2019-10-30_22-22	
327	2019/10/31 10:11:19.0	N06° 54.60'	E125° 10.68'	PHILIPPINES	10.0	6.5	2019-10-31_10-17	
328	2019/10/31 19:20:38.6	N33° 40.68'	E135° 09.12'	S PART OF KII CHANNEL	37.0	3.6	2019-10-31_19-20	
329	2019/10/31 23:50:52.5	N36° 00.06'	E135° 42.12'	NW OFF KINKI DISTRICT	15.0	3.2	2019-10-31_23-51	
330	2019/11/02 20:59:07.2	N35° 13.14'	E135° 57.54'	NW SHIGA PREF	12.5	2.3	2019-11-02_20-59	
331	2019/11/04 15:25:48.1	N35° 10.50'	E135° 51.00'	MID KYOTO PREF	11.9	2.5	2019-11-04_15-25	
332	2019/11/04 23:38:46.9	N33° 36.78'	E135° 55.08'	SOUTHERN WAKAYAMA PREF	412.6	3.8	2019-11-04_23-39	
333	2019/11/05 16:08:09.4	N33° 50.34'	E135° 43.92'	SOUTHERN WAKAYAMA PREF	43.7	2.4	2019-11-05_16-08	
334	2019/11/05 22:48:02.3	N34° 53.22'	E135° 24.90'	KYOTO OSAKA BORDER REG	9.0	1.2	2019-11-05_22-48	
335	2019/11/06 16:56:19.2	N35° 10.68'	E135° 37.68'	MID KYOTO PREF	17.1	2.6	2019-11-06_16-56	
336	2019/11/07 04:10:55.2	N34° 54.00'	E135° 40.86'	KYOTO OSAKA BORDER REG	9.8	1.6	2019-11-07_04-10	
337	2019/11/08 06:25:08.8	N34° 13.08'	E135° 09.00'	NW WAKAYAMA PREF	4.7	2.6	2019-11-08_06-25	
338	2019/11/08 19:44:44.0	S21° 56.70'	W179° 30.66'	FIJI	577.0	6.5	2019-11-08_19-55	
339	2019/11/09 01:36:28.1	N35° 42.78'	E135° 47.16'	E PART OF WAKASA BAY	343.0	3.7	2019-11-09_01-37	
340	2019/11/10 03:42:16.9	N34° 38.94'	E134° 28.02'	HARIMANADA SETONAIKAI	4.6	3.1	2019-11-10_03-42	
341	2019/11/10 04:43:54.5	N34° 38.94'	E134° 28.08'	HARIMANADA SETONAIKAI	4.5	3.2	2019-11-10_04-44	
342	2019/11/12 12:53:20.4	N34° 16.26'	E135° 15.60'	NW WAKAYAMA PREF	6.9	3.0	2019-11-12_12-53	
343	2019/11/13 01:07:13.0	N34° 51.36'	E135° 37.26'	KYOTO OSAKA BORDER REG	7.6	3.2	2019-11-13_01-07	
344	2019/11/13 01:09:30.1	N34° 51.42'	E135° 37.38'	KYOTO OSAKA BORDER REG	7.5	2.1	↑	
345	2019/11/15 01:17:40.0	N01° 37.26'	E126° 24.96'	INDONESIA	33.0	7.1	2019-11-15_01-24	
346	2019/11/16 11:51:51.5	N34° 03.90'	E141° 39.42'	FAR SE OFF BOSO PEN	50.1	4.9	2019-11-16_11-53	
347	2019/11/16 19:19:13.0	N01° 34.02'	E126° 20.10'	INDONESIA	24.0	5.9	2019-11-16_19-25	
348	2019/11/16 20:12:43.1	N34° 55.98'	E135° 33.42'	KYOTO OSAKA BORDER REG	13.2	1.5	2019-11-16_20-12	
349	2019/11/17 20:05:33.1	N34° 38.34'	E139° 03.12'	NEAR IZU-OSHIMA ISLAND	12.7	4.7	2019-11-17_20-06	
350	2019/11/19 23:50:27.2	N34° 13.98'	E135° 16.50'	NW WAKAYAMA PREF	6.9	2.4	2019-11-19_23-50	

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	震源時	震央緯度	震央経度	震源位置	震源 深さ (km)	M	データファイル 収録ディレクトリ	備考
351	2019/11/20 17:26:08.0	N53° 07.68'	E153° 40.80'	RUSSIA	496.0	6.3	2019-11-20_17-30	
352	2019/11/21 08:50:43.0	N19° 27.18'	E101° 21.36'	THAILAND	10.0	6.2	2019-11-21_09-09	
353	2019/11/22 07:31:57.0	N32° 33.84'	E137° 26.28'	FAR S OFF TOKAI DISTRICT	419.9	4.9	2019-11-22_07-32	
354	2019/11/22 18:05:08.1	N31° 56.22'	E131° 54.72'	HYUGANADA REGION	23.9	5.2	2019-11-22_18-07	
355	2019/11/23 01:16:51.4	N34° 43.26'	E135° 14.34'	SE HYOGO PREF	10.7	1.5	2019-11-23_01-16	
356	2019/11/23 21:11:15.0	N01° 38.64'	E132° 48.90'	INDONESIA	5.0	6.2	2019-11-23_21-17	
357	2019/11/23 21:58:09.9	N43° 37.08'	E147° 10.74'	E OFF HOKKAIDO	34.0	5.4	2019-11-23_22-01	
358	2019/11/24 08:37:20.8	N34° 53.70'	E135° 57.90'	SE SHIGA PREF	11.2	1.9	2019-11-24_08-37	
359	2019/11/24 09:54:01.0	N51° 22.86'	W175° 30.72'	ALASKA	20.0	6.3	2019-11-24_10-01	
360	2019/11/24 23:08:54.7	N34° 08.70'	E136° 39.60'	SE OFF KII PENINSULA	22.1	2.9	2019-11-24_23-09	
361	2019/11/26 11:54:12.0	N41° 30.84'	E019° 31.56'	ALBANIA	22.0	6.4	2019-11-26_12-06	
362	2019/11/26 15:08:13.8	N34° 57.78'	E135° 36.90'	KYOTO OSAKA BORDER REG	12.7	2.5	2019-11-26_15-08	
363	2019/11/26 15:09:10.9	N34° 02.76'	E133° 03.90'	HIUCHINADA SETONAIKAI	15.8	4.6	↑	
364	2019/11/27 16:23:42.0	N35° 43.02'	E023° 13.68'	GREECE	69.0	6.0	2019-11-27_16-36	
365	2019/12/01 09:15:04.3	N34° 52.32'	E135° 38.04'	KYOTO OSAKA BORDER REG	6.2	1.4	2019-12-01_09-15	
366	2019/12/02 14:01:54.0	N51° 11.22'	W178° 06.00'	ALASKA	28.0	6.0	2019-12-02_14-09	
367	2019/12/04 00:28:09.2	N34° 06.84'	E135° 55.86'	SOUTHERN NARA PREF	56.0	2.6	2019-12-04_00-28	
368	2019/12/09 09:00:34.8	N34° 00.78'	E135° 27.84'	CENTRAL WAKAYAMA PREF	58.4	2.6	2019-12-09_09-00	
369	2019/12/09 09:27:40.5	N34° 58.86'	E135° 33.18'	KYOTO OSAKA BORDER REG	13.3	1.3	2019-12-09_09-27	
370	2019/12/11 02:05:02.2	N30° 46.56'	E141° 58.20'	NEAR TORISHIMA IS	42.0	6.1	2019-12-11_02-06	
371	2019/12/11 03:38:36.9	N30° 17.28'	E139° 01.92'	NEAR TORISHIMA IS	452.4	4.0	2019-12-11_03-40	
372	2019/12/11 18:39:07.6	N37° 43.74'	E141° 48.00'	E OFF FUKUSHIMA PREF	41.2	5.3	2019-12-11_18-40	
373	2019/12/14 09:59:00.4	N34° 11.22'	E135° 10.20'	NW WAKAYAMA PREF	3.3	2.3	2019-12-14_09-59	
374	2019/12/15 15:11:51.0	N06° 41.82'	E125° 10.44'	PHILIPPINES	18.0	6.8	2019-12-15_15-24	
375	2019/12/15 20:33:07.9	N34° 54.00'	E135° 27.12'	KYOTO OSAKA BORDER REG	9.7	1.4	2019-12-15_20-33	
376	2019/12/16 15:38:40.9	N32° 23.34'	E137° 32.10'	FAR S OFF TOKAI DISTRICT	408.5	4.1	2019-12-16_15-39	
377	2019/12/18 02:53:56.5	N29° 48.78'	E139° 23.22'	NEAR TORISHIMA IS	426.5	4.7	2019-12-18_02-55	
378	2019/12/19 15:21:33.4	N40° 30.78'	E142° 10.74'	E OFF AOMORI PREF	50.0	5.5	2019-12-19_15-23	
379	2019/12/19 20:55:32.0	N18° 34.80'	E145° 36.48'	NORTHERN MARIANA ISLANDS	186.0	5.6	2019-12-19_20-59	
380	2019/12/19 23:23:40.7	N34° 54.96'	E135° 43.50'	KYOTO OSAKA BORDER REG	6.6	1.3	2019-12-19_23-23	
381	2019/12/21 04:40:54.6	N33° 00.84'	E142° 19.56'	FAR E OFF IZU ISLANDS	2.0	5.1	2019-12-21_04-42	
382	2019/12/23 01:29:18.8	N34° 33.84'	E135° 18.48'	OSAKA BAY REGION	12.2	2.1	2019-12-23_01-29	
383	2019/12/23 15:33:40.0	N11° 31.62'	E141° 43.98'	MICRONESIA	41.9	5.8	2019-12-23_15-38	
384	2019/12/25 17:58:03.8	N31° 38.58'	E140° 08.22'	NEAR TORISHIMA IS	137.2	4.6	2019-12-25_17-59	
385	2019/12/27 01:08:58.3	N34° 59.94'	E135° 34.50'	KYOTO OSAKA BORDER REG	9.8	1.6	2019-12-27_01-09	
386	2019/12/29 10:42:22.4	N35° 17.82'	E135° 54.78'	NW SHIGA PREF	18.5	2.4	2019-12-29_10-42	
387	2019/12/29 17:37:08.9	N34° 55.38'	E135° 38.52'	KYOTO OSAKA BORDER REG	10.2	2.2	2019-12-29_17-37	
388	2019/12/30 23:36:54.9	N33° 55.02'	E136° 57.36'	SE OFF KII PENINSULA	376.6	4.0	2019-12-30_23-37	

【震源の補元について】

気象庁一元化処理 震源要素による。(海外で発生した地震は主にUSGSのHPIによる。)