

**Table S1:** Association between triggering earthquakes and corresponding triggered earthquakes.

Triggering earthquake			Triggered earthquake			Distance (km)	Time interval (d)
Time	<i>M</i>	Location	Time	<i>M</i>	Location (depth; tectonic region)		
1994/7/22	7.3	42.340°N 132.865°E	1994/10/4	8.3	43.773°N 147.321°E (Shikotan, Russia)	1212	74
1994/4/5	6.2	51.296°N 178.152°W	1994/10/4	8.3	43.773°N 147.321°E (14 km; CM)	2753	182
<del>1994/8/31</del>	<del>6.2</del>	<del>43.719°N 146.013°E</del>	<del>1994/10/4</del>	<del>8.3</del>	<del>43.773°N 147.321°E</del>	<del>108 (L)</del>	<del>34 (L)</del>
<del>1994/8/20</del>	<del>6.2</del>	<del>44.656°N 149.176°E</del>	<del>1994/10/4</del>	<del>8.3</del>	<del>43.773°N 147.321°E</del>	<del>184 (L)</del>	<del>45 (L)</del>
<del>1958/10/29</del>	<del>6.6</del>	<del>51.353°N 179.357°E</del>	<del>1958/11/7</del>	<del>8.3</del>	<del>44.479°N 148.485°E</del>	<del>2509</del>	<del>9 (L)</del>
1958/2/22	6.3	50.190°N 175.472°W	1958/11/7	8.3	44.479°N 148.485°E (Kuril'sk, Russia)	2710	258
1958/7/23	6.3	31.445°N 142.590°E	1958/11/7	8.3	44.479°N 148.485°E (35 km; CM)	1630	107
1958/6/19	6.2	49.818°N 155.878°E	1958/11/7	8.3	44.479°N 148.485°E	850	141
1958/2/2	6.1	48.166°N 154.442°E	1958/11/7	8.3	44.479°N 148.485°E	628	278
1958/9/3	6.1	40.643°N 143.138°E	1958/11/7	8.3	44.479°N 148.485°E	636	65
<del>1958/4/23</del>	<del>6.0</del>	<del>45.313°N 151.749°E</del>	<del>1958/11/7</del>	<del>8.3</del>	<del>44.479°N 148.485°E</del>	<del>280 (L)</del>	<del>198</del>
1958/3/4	6.0	55.419°N 166.449°E	1958/11/7	8.3	44.479°N 148.485°E	1810	248
<del>1958/2/15</del>	<del>6.0</del>	<del>43.876°N 147.393°E</del>	<del>1958/11/7</del>	<del>8.3</del>	<del>44.479°N 148.485°E</del>	<del>144 (L)</del>	<del>265</del>
1963/3/16	7.7	46.636°N 154.783°E	1963/10/13	8.5	44.872°N 149.483°E (Kuril'sk, Russia)	474	211
1963/5/22	6.9	48.622°N 154.660°E	1963/10/13	8.5	44.872°N 149.483°E (35 km; CM)	592	144
1963/8/15	6.5	37.721°N 141.883°E	1963/10/13	8.5	44.872°N 149.483°E	1045	59
1963/3/27	6.3	35.789°N 135.810°E	1963/10/13	8.5	44.872°N 149.483°E	1634	200
1963/4/30	6.1	51.310°N 178.725°E	1963/10/13	8.5	44.872°N 149.483°E	2255	166
<del>1963/3/31</del>	<del>6.1</del>	<del>44.184°N 148.024°E</del>	<del>1963/10/13</del>	<del>8.5</del>	<del>44.872°N 149.483°E</del>	<del>147 (L)</del>	<del>196</del>
2006/8/25	6.5	51.148°N 157.522°E	2006/11/15	8.3	46.592°N 153.266°E (Kuril'sk, Russia)	622	82
2006/6/27	6.2	52.230°N 176.158°E	2006/11/15	8.3	46.592°N 153.266°E (10 km; CM)	1821	141
2006/5/22	6.2	54.271°N 158.447°E	2006/11/15	8.3	46.592°N 153.266°E	979	177
2006/8/20	6.0	49.823°N 156.415°E	2006/11/15	8.3	46.592°N 153.266°E	443	87
2013/2/2	6.9	42.770°N 143.092°E	2013/5/24	8.3	54.892°N 153.221°E (Sea of Okhotsk)	1625	111
2012/11/17	6.5	49.280°N 155.425°E	2013/5/24	8.3	54.892°N 153.221°E (598.1 km; Sea)	665	188
2012/12/15	6.0	52.291°N 174.011°E	2013/5/24	8.3	54.892°N 153.221°E	1395	160
<del>2013/5/18</del>	<del>6.0</del>	<del>37.739°N 141.471°E</del>	<del>2013/5/24</del>	<del>8.3</del>	<del>54.892°N 153.221°E</del>	<del>2138</del>	<del>6 (L)</del>
1952/3/7	6.5	36.458°N 136.242°E	1952/11/5	9.0	52.623°N 159.779°E (Kamchatka, Russia)	2626	243
1952/7/25	6.2	42.800°N 145.051°E	1952/11/5	9.0	52.623°N 159.779°E (21.6 km; CM)	1664	103
<del>1952/9/28</del>	<del>6.2</del>	<del>50.756°N 157.063°E</del>	<del>1952/11/5</del>	<del>9.0</del>	<del>52.623°N 159.779°E</del>	<del>278 (L)</del>	<del>38 (L)</del>
1952/5/8	6.0	35.398°N 140.249°E	1952/11/5	9.0	52.623°N 159.779°E	2588	181
<del>1922/8/16</del>	<del>6.7</del>	<del>52.981°N 159.741°E</del>	<del>1923/2/4</del>	<del>8.4</del>	<del>54.486°N 160.472°E</del>	<del>177 (L)</del>	<del>172</del>
<del>1923/2/2</del>	<del>6.7</del>	<del>52.261°N 161.885°E</del>	<del>1923/2/4</del>	<del>8.4</del>	<del>54.486°N 160.472°E</del>	<del>263 (L)</del>	<del>2 (L)</del>
1922/8/11	6.1	55.647°N 167.039°E	1923/2/4	8.4	54.486°N 160.472°E (Mil'kovo, Russia)	451	177
1922/12/9	6.7	41.225°N 141.749°E	1923/2/4	8.4	54.486°N 160.472°E (15 km; CM)	2037	57
1964/9/16	6.1	60.003°N 147.093°W	1965/2/4	8.7	51.251°N 178.715°E (Alaska, USA)	2364	141
1964/9/23	6.0	53.734°N 163.840°W	1965/2/4	8.7	51.251°N 178.715°E (30.3 km; CM)	1181	134
<del>1957/2/21</del>	<del>6.9</del>	<del>52.925°N 171.345°W</del>	<del>1957/3/9</del>	<del>8.6</del>	<del>51.499°N 175.626°W</del>	<del>337</del>	<del>16 (L)</del>
<del>1956/12/9</del>	<del>6.5</del>	<del>51.232°N 179.089°W</del>	<del>1957/3/9</del>	<del>8.6</del>	<del>51.499°N 175.626°W</del>	<del>245 (L)</del>	<del>90</del>
1956/10/20	6.5	52.123°N 177.571°E	1957/3/9	8.6	51.499°N 175.626°W (Alaska, USA)	488	140
1956/11/29	6.3	49.255°N 155.315°E	1957/3/9	8.6	51.499°N 175.626°W (25 km; CM)	2010	100

1956/9/21	6.2	51.512°N 159.432°E	1957/3/9	8.6	51.499°N 175.626°W	1717	169
1985/11/1	6.2	53.249°N 166.936°W	1986/5/8	8.0	51.520°N 174.776°W (Alaska, USA)	576	188
<del>1985/10/25</del>	<del>6.0</del>	<del>52.072°N 171.350°W</del>	<del>1986/5/8</del>	<del>8.0</del>	<del>51.520°N 174.776°W (33 km; CM)</del>	<del>244 (L)</del>	<del>195</del>
<del>1986/4/12</del>	<del>6.0</del>	<del>54.164°N 167.883°W</del>	<del>1986/5/8</del>	<del>8.0</del>	<del>51.520°N 174.776°W</del>	<del>537</del>	<del>26 (L)</del>
1945/10/25	6.5	56.903°N 163.889°E	1946/4/1	8.6	53.492°N 162.832°W (Alaska, USA)	2322	158
1946/1/13	6.5	59.322°N 148.750°W	1946/4/1	8.6	53.492°N 162.832°W (15 km; CM)	1107	78
1945/11/4	6.2	59.393°N 150.577°W	1946/4/1	8.6	53.492°N 162.832°W	1018	148
1945/12/25	6.2	52.405°N 174.880°E	1946/4/1	8.6	53.492°N 162.832°W	1505	97
1945/11/27	6.0	55.176°N 166.245°E	1946/4/1	8.6	53.492°N 162.832°W	2047	125
1938/3/22	6.7	52.266°N 132.783°W	1938/11/11	8.2	55.178°N 158.181°W (Alaska, USA)	1702	234
1938/5/28	6.2	42.659°N 126.313°W	1938/11/11	8.2	55.178°N 158.181°W (35 km; CM)	2772	167
1938/7/24	6.1	53.389°N 166.778°W	1938/11/11	8.2	55.178°N 158.181°W	614	110
2021/5/31	6.1	62.449°N 148.251°W	2021/7/29	8.2	55.364°N 157.888°W (Alaska, USA)	1013	59
2021/1/3	6.1	51.220°N 179.793°W	2021/7/29	8.2	55.364°N 157.888°W (35 km; CM)	1477	207
1963/6/24	6.4	59.499°N 152.280°W	1964/3/28	9.2	60.908°N 147.339°W (Alaska, USA)	322	278
1964/1/12	5.9	53.299°N 166.388°W	1964/3/28	9.2	60.908°N 147.339°W (25 km; CM)	1493	76
1963/12/12	5.7	51.315°N 179.337°W	1964/3/28	9.2	60.908°N 147.339°W	2391	107
1963/9/26	5.8	50.144°N 176.960°W	1964/3/28	9.2	60.908°N 147.339°W	2326	184
<del>1964/2/8</del>	<del>5.7</del>	<del>52.229°N 175.361°E</del>	<del>1964/3/28</del>	<del>9.2</del>	<del>60.908°N 147.339°W</del>	<del>2929</del>	<del>49 (L)</del>
1949/4/14	6.7	47.014°N 122.597°W	1949/8/22	8.0	53.673°N 133.015°W (Alaska, USA)	1105	130
1949/3/25	6.4	41.555°N 126.213°W	1949/8/22	8.0	53.673°N 133.015°W (10 km; CM)	686	150
1949/3/29	5.8	42.000°N 126.000°W	1949/8/22	8.0	53.673°N 133.015°W	634	146
1949/2/12	5.5	37.938°N 117.533°W	1949/8/22	8.0	53.673°N 133.015°W	1187	191
1923/4/23	7.0	26.401°N 127.010°E	1923/9/1	8.0	35.274°N 139.344°E (Japan)	1487	131
<del>1923/8/12</del>	<del>6.8</del>	<del>25.494°N 129.031°E</del>	<del>1923/9/1</del>	<del>8.0</del>	<del>35.274°N 139.344°E</del>	<del>1409</del>	<del>20 (L)</del>
1923/7/2	6.6	23.069°N 123.046°E	1923/9/1	8.0	35.274°N 139.344°E (15 km; CM)	2121	61
1923/6/7	6.4	35.819°N 142.645°E	1923/9/1	8.0	35.274°N 139.344°E	311	86
<del>1923/8/12</del>	<del>6.4</del>	<del>33.381°N 142.521°E</del>	<del>1923/9/1</del>	<del>8.0</del>	<del>35.274°N 139.344°E</del>	<del>362</del>	<del>20 (L)</del>
1923/2/16	6.3	49.368°N 154.853°E	1923/9/1	8.0	35.274°N 139.344°E	2047	197
<del>1923/8/17</del>	<del>6.1</del>	<del>45.916°N 151.774°E</del>	<del>1923/9/1</del>	<del>8.0</del>	<del>35.274°N 139.344°E</del>	<del>1565</del>	<del>15 (L)</del>
1932/11/13	7.1	43.794°N 136.619°E	1933/3/3	8.4	39.209°N 144.590°E (Japan)	867	110
1932/11/26	6.3	42.350°N 142.466°E	1933/3/3	8.4	39.209°N 144.590°E (15 km; CM)	400	97
<del>1932/9/3</del>	<del>6.3</del>	<del>40.929°N 143.313°E</del>	<del>1933/3/3</del>	<del>8.4</del>	<del>39.209°N 144.590°E</del>	<del>221 (L)</del>	<del>181</del>
1933/1/4	6.2	26.025°N 144.252°E	1933/3/3	8.4	39.209°N 144.590°E	1493	58
1932/9/30	6.2	46.193°N 153.009°E	1933/3/3	8.4	39.209°N 144.590°E	1085	154
<del>1933/2/4</del>	<del>6.2</del>	<del>46.082°N 152.217°E</del>	<del>1933/3/3</del>	<del>8.4</del>	<del>39.209°N 144.590°E</del>	<del>1036</del>	<del>27 (L)</del>
<del>1932/7/10</del>	<del>6.1</del>	<del>39.194°N 145.197°E</del>	<del>1933/3/3</del>	<del>8.4</del>	<del>39.209°N 144.590°E</del>	<del>52 (L)</del>	<del>236</del>
1941/11/6	6.9	42.808°N 123.518°E	1941/11/19	8.0	32.129°N 131.944°E	2400	13 (L)
1941/5/9	6.6	13.731°N 122.682°E	1941/11/19	8.0	32.129°N 131.944°E (Japan)	2340	194
1941/8/30	6.4	18.404°N 147.027°E	1941/11/19	8.0	32.129°N 131.944°E (35 km; CM)	2217	81
1941/5/6	6.3	46.781°N 127.325°E	1941/11/19	8.0	32.129°N 131.944°E	1702	197
1941/7/15	6.3	36.733°N 138.242°E	1941/11/19	8.0	32.129°N 131.944°E	793	127
1941/8/30	6.3	18.080°N 146.425°E	1941/11/19	8.0	32.129°N 131.944°E	2195	81
1941/7/27	6.2	15.589°N 145.827°E	1941/11/19	8.0	32.129°N 131.944°E	2415	115

1941/7/24	6.2	28.248°N 129.371°E	1941/11/19	8.0	32.129°N 131.944°E	503	118
1941/5/9	6.2	36.356°N 141.865°E	1941/11/19	8.0	32.129°N 131.944°E	1016	194
1941/4/30	6.2	33.723°N 142.543°E	1941/11/19	8.0	32.129°N 131.944°E	1031	203
1941/10/8	6.2	28.678°N 143.053°E	1941/11/19	8.0	32.129°N 131.944°E	4132	42 (L)
1941/4/6	6.1	34.515°N 131.772°E	1941/11/19	8.0	32.129°N 131.944°E	275 (L)	227
1944/7/19	6.9	33.806°N 141.594°E	1944/12/7	8.1	33.730°N 136.200°E (Japan)	490	141
1944/10/3	6.4	40.976°N 142.263°E	1944/12/7	8.1	33.730°N 136.200°E (15 km; CM)	1000	65
1944/7/21	6.1	33.160°N 141.433°E	1944/12/7	8.1	33.730°N 136.200°E	477	139
1946/7/20	6.1	36.433°N 141.690°E	1946/12/21	8.3	33.123°N 135.905°E (Japan)	639	154
1946/8/3	6.0	35.890°N 141.183°E	1946/12/21	8.3	33.123°N 135.905°E (15 km; CM)	568	140
1946/6/2	6.0	25.187°N 124.410°E	1946/12/21	8.3	33.123°N 135.905°E	1471	202
1951/10/18	6.4	41.325°N 142.011°E	1952/3/4	8.1	42.084°N 143.899°E	182 (L)	138
1951/7/29	6.2	37.068°N 143.122°E	1952/3/4	8.1	42.084°N 143.899°E (Japan)	600	219
1951/9/12	6.1	45.482°N 150.892°E	1952/3/4	8.1	42.084°N 143.899°E (45 km; CM)	721	174
1951/10/16	6.1	32.863°N 134.404°E	1952/3/4	8.1	42.084°N 143.899°E	1374	140
1951/7/26	6.1	40.660°N 142.924°E	1952/3/4	8.1	42.084°N 143.899°E	182 (L)	222
1951/7/12	7.1	28.359°N 139.405°E	1952/3/4	8.1	42.084°N 143.899°E	1653	236
1951/11/12	6.5	46.705°N 154.226°E	1952/3/4	8.1	42.084°N 143.899°E	1012	113
1959/10/27	6.7	45.782°N 151.172°E	1960/3/21	8.0	39.869°N 143.228°E (Japan)	970	146
1959/11/8	6.5	43.972°N 140.743°E	1960/3/21	8.0	39.869°N 143.228°E (15 km; CM)	521	134
1959/10/26	6.5	37.468°N 143.009°E	1960/3/21	8.0	39.869°N 143.228°E	267 (L)	147
1960/1/31	6.3	33.093°N 134.885°E	1960/3/21	8.0	39.869°N 143.228°E	1120	50
1960/2/5	6.1	38.667°N 143.014°E	1960/3/21	8.0	39.869°N 143.228°E	139 (L)	45 (L)
1968/2/4	6.6	43.050°N 147.283°E	1968/5/16	8.2	40.860°N 143.435°E (Japan)	412	102
1967/12/1	6.4	49.439°N 154.435°E	1968/5/16	8.2	40.860°N 143.435°E (29.9 km; CM)	1326	167
1968/2/28	6.3	32.928°N 137.820°E	1968/5/16	8.2	40.860°N 143.435°E	1045	78
1967/9/22	6.2	44.626°N 149.487°E	1968/5/16	8.2	40.860°N 143.435°E	640	237
1967/9/19	6.1	43.065°N 145.297°E	1968/5/16	8.2	40.860°N 143.435°E	280 (L)	240
2003/5/26	7.0	38.849°N 141.568°E	2003/9/26	8.2	41.815°N 143.910°E (Japan)	403	123
2003/7/27	6.8	47.151°N 139.248°E	2003/9/26	8.2	41.815°N 143.910°E (27 km; CM)	735	61
2003/4/24	6.1	48.764°N 154.991°E	2003/9/26	8.2	41.815°N 143.910°E	1212	155
2010/11/30	6.8	28.349°N 139.187°E	2011/3/11	9.1	38.297°N 142.373°E (Japan)	1167	101
2011/1/13	6.4	26.973°N 139.882°E	2011/3/11	9.1	38.297°N 142.373°E (29 km; CM)	1293	57
2010/8/5	6.0	45.980°N 153.175°E	2011/3/11	9.1	38.297°N 142.373°E	1247	218
2013/1/9	5.8	25.329°N 95.048°E	2013/4/20	6.6	30.308°N 102.888°E (Sichuan, China)	961	101
2013/1/18	5.4	31.056°N 99.546°E	2013/4/20	6.6	30.308°N 102.888°E (14 km; CN)	338	92
2013/2/19	4.9	31.289°N 105.221°E	2013/4/20	6.6	30.308°N 102.888°E	252	60
2013/2/19	4.9	27.226°N 103.071°E	2013/4/20	6.6	30.308°N 102.888°E	345	60
2013/2/7	4.6	28.004°N 104.237°E	2013/4/20	6.6	30.308°N 102.888°E	295	72
2013/3/9	4.5	31.338°N 103.738°E	2013/4/20	6.6	30.308°N 102.888°E	143	42
2012/10/19	4.3	30.132°N 102.816°E	2013/4/20	6.6	30.308°N 102.888°E	21	183
2022/5/20	4.9	29.890°N 102.702°E	2022/9/5	6.6	29.679°N 102.236°E (Sichuan, China)	52	108
2022/6/20	4.6	27.425°N 103.690°E	2022/9/5	6.6	29.679°N 102.236°E (12 km; CN)	291	77
2022/8/25	4.6	29.120°N 105.478°E	2022/9/5	6.6	29.679°N 102.236°E	326	11

2022/3/29	4.4	30.026°N 103.493°E	2022/9/5	6.6	29.679°N 102.236°E	128	160
2022/5/25	4.3	29.595°N 103.800°E	2022/9/5	6.6	29.679°N 102.236°E	148	103
2008/2/27	5.1	30.085°N 101.769°E	2008/5/12	7.9	31.002°N 103.322°E (Sichuan, China)	183	75
2008/1/18	4.9	38.120°N 100.222°E	2008/5/12	7.9	31.002°N 103.322°E (19 km; CN)	867	115
2008/2/1	4.8	28.348°N 104.988°E	2008/5/12	7.9	31.002°N 103.322°E	346	101
<del>2008/5/2</del>	<del>4.8</del>	<del>27.449°N 101.939°E</del>	<del>2008/5/12</del>	<del>7.9</del>	<del>31.002°N 103.322°E</del>	<del>428</del>	<del>10 (L)</del>
2008/2/28	4.5	31.295°N 104.135°E	2008/5/12	7.9	31.002°N 103.322°E	86	74
1976/4/6	5.5	40.217°N 112.219°E	1976/7/28	7.5	39.570°N 117.978°E (Tangshan, China)	529	113
1976/6/2	5.4	25.286°N 122.200°E	1976/7/28	7.5	39.570°N 117.978°E (23 km; CN)	1744	56
1976/2/5	5.4	27.380°N 128.326°E	1976/7/28	7.5	39.570°N 117.978°E	1693	174
1976/4/26	5.3	34.551°N 139.418°E	1976/7/28	7.5	39.570°N 117.978°E	2054	93
1976/4/14	5.3	41.700°N 141.188°E	1976/7/28	7.5	39.570°N 117.978°E	1968	105
1976/1/8	5.3	26.406°N 127.634°E	1976/7/28	7.5	39.570°N 117.978°E	1786	202
1976/5/15	5.2	41.596°N 143.692°E	1976/7/28	7.5	39.570°N 117.978°E	2141	74
1976/3/12	5.2	27.408°N 130.129°E	1976/7/28	7.5	39.570°N 117.978°E	1870	138
1976/1/14	5.2	32.479°N 137.326°E	1976/7/28	7.5	39.570°N 117.978°E	2000	196
1976/4/14	5.1	31.771°N 132.588°E	1976/7/28	7.5	39.570°N 117.978°E	1647	105
1957/7/2	6.2	24.310°N 93.894°E	1957/12/4	8.1	45.189°N 99.368°E (Mongolia)	2368	155
1957/9/3	6.1	36.424°N 71.176°E	1957/12/4	8.1	45.189°N 99.368°E (30 km; CN)	2751	92
1957/8/31	5.8	39.331°N 72.839°E	1957/12/4	8.1	45.189°N 99.368°E	2502	95
1957/9/1	5.6	39.106°N 74.411°E	1957/12/4	8.1	45.189°N 99.368°E	2374	94
1945/6/23	6.4	32.529°N 76.190°E	1945/11/28	8.1	24.978°N 63.675°E (Pakistan)	1427	158
1945/6/4	6.4	30.271°N 80.118°E	1945/11/28	8.1	24.978°N 63.675°E (15 km; CM)	1653	177
1945/4/1	6.2	14.646°N 39.361°E	1945/11/28	8.1	24.978°N 63.675°E	2835	241
1945/10/1	6.0	28.899°N 67.212°E	1945/11/28	8.1	24.978°N 63.675°E	571	58
<del>1945/10/28</del>	<del>6.0</del>	<del>40.995°N 43.096°E</del>	<del>1945/11/28</del>	<del>8.1</del>	<del>24.978°N 63.675°E</del>	<del>2746</del>	<del>31 (L)</del>
1950/6/18	5.8	34.950°N 99.768°E	1950/8/15	8.6	28.363°N 96.445°E (Assam-Tibet)	821	58
1950/2/26	5.7	27.223°N 90.817°E	1950/8/15	8.6	28.363°N 96.445°E (15 km; CN)	572	170
1951/4/15	6.4	28.280°N 93.861°E	1951/11/18	7.7	31.056°N 91.261°E (Tibet, China)	411	217
1951/5/28	6.0	28.925°N 86.685°E	1951/11/18	7.7	31.056°N 91.261°E (30 km; CN)	503	174
1951/3/12	6.0	27.990°N 94.668°E	1951/11/18	7.7	31.056°N 91.261°E	488	251
1951/4/22	6.0	28.842°N 94.575°E	1951/11/18	7.7	31.056°N 91.261°E	414	210
1951/4/8	5.8	25.949°N 90.575°E	1951/11/18	7.7	31.056°N 91.261°E	593	224
1951/7/21	5.8	28.619°N 96.529°E	1951/11/18	7.7	31.056°N 91.261°E	579	120
1951/7/5	5.7	35.361°N 82.051°E	1951/11/18	7.7	31.056°N 91.261°E	1028	136
1951/8/1	5.5	31.539°N 95.312°E	1951/11/18	7.7	31.056°N 91.261°E	400	109
1951/8/28	5.5	25.826°N 98.740°E	1951/11/18	7.7	31.056°N 91.261°E	931	82
2000/6/5	6.0	28.723°N 65.383°E	2001/1/26	7.7	23.419°N 70.232°E (India)	771	235
2000/10/23	5.3	31.583°N 59.847°E	2001/1/26	7.7	23.419°N 70.232°E (16 km; CM)	1400	95
2000/9/5	5.2	17.367°N 73.849°E	2001/1/26	7.7	23.419°N 70.232°E	750	143
2001/3/5	5.9	34.369°N 86.902°E	2001/11/14	7.8	35.946°N 90.541°E (Qinghai, China)	387	254
2001/8/29	5.2	38.063°N 72.796°E	2001/11/14	7.8	35.946°N 90.541°E (10 km; CN)	1621	77
<del>2001/11/6</del>	<del>5.2</del>	<del>27.268°N 91.919°E</del>	<del>2001/11/14</del>	<del>7.8</del>	<del>35.946°N 90.541°E</del>	<del>973</del>	<del>8 (L)</del>
2001/7/17	5.1	33.014°N 73.121°E	2001/11/14	7.8	35.946°N 90.541°E	1596	120

2001/7/11	5.0	39.024°N 97.986°E	2001/11/14	7.8	35.946°N 90.541°E	787	126
2001/7/17	5.0	27.957°N 85.178°E	2001/11/14	7.8	35.946°N 90.541°E	1026	120
2005/6/2	5.8	28.881°N 94.626°E	2005/10/8	7.6	34.539°N 73.588°E (Pakistan)	2080	128
2005/5/23	5.2	30.271°N 67.804°E	2005/10/8	7.6	34.539°N 73.588°E (26 km; CN)	723	138
2005/7/16	5.2	30.003°N 69.461°E	2005/10/8	7.6	34.539°N 73.588°E	637	84
2005/4/6	5.1	41.351°N 78.731°E	2005/10/8	7.6	34.539°N 73.588°E	935	185
2023/1/25	5.9	35.776°N 28.593°E	2023/2/6	7.8	37.174°N 37.032°E	781	12 (L)
2022/8/13	5.2	33.524°N 19.044°E	2023/2/6	7.8	37.174°N 37.032°E (Turkey)	1776	177
2022/6/10	5.0	34.835°N 33.870°E	2023/2/6	7.8	37.174°N 37.032°E (10 km; CN)	392	241
2022/10/11	5.0	37.261°N 36.234°E	2023/2/6	7.8	37.174°N 37.032°E	73	118
2022/6/20	4.9	35.331°N 27.138°E	2023/2/6	7.8	37.174°N 37.032°E	923	231
2014/11/17	5.3	20.780°N 94.421°E	2015/4/25	7.8	28.231°N 84.731°E (Nepal)	1302	159
2015/1/14	5.3	29.353°N 103.199°E	2015/4/25	7.8	28.231°N 84.731°E (8.2 km; CN)	1814	101
2014/8/3	5.2	29.276°N 85.497°E	2015/4/25	7.8	28.231°N 84.731°E	138	265
2014/12/18	5.0	27.740°N 86.370°E	2015/4/25	7.8	28.231°N 84.731°E	166	128
2024/12/4	5.0	18.447°N 80.330°E	2025/3/28	7.7	21.996°N 95.926°E (Myanmar)	1754	114
2025/1/3	5.0	24.958°N 95.512°E	2025/3/28	7.7	21.996°N 95.926°E (10 km; CM)	341	84
2025/1/24	5.0	24.622°N 95.093°E	2025/3/28	7.7	21.996°N 95.926°E	315	63
1937/9/27	6.9	8.781°S 110.425°E	1938/2/2	8.5	5.045°S 131.614°E (Indonesia)	2465	128
1937/9/22	6.3	12.391°N 123.841°E	1938/2/2	8.5	5.045°S 131.614°E (25 km; CM)	2214	133
1937/9/21	6.2	1.972°N 126.365°E	1938/2/2	8.5	5.045°S 131.614°E	1022	134
1937/12/28	6.2	8.344°S 125.905°E	1938/2/2	8.5	5.045°S 131.614°E	762	36 (L)
1937/11/18	6.1	5.884°S 146.816°E	1938/2/2	8.5	5.045°S 131.614°E	1735	76
1937/9/27	6.0	2.930°S 130.210°E	1938/2/2	8.5	5.045°S 131.614°E	298 (L)	128
1939/6/2	6.4	4.667°N 126.223°E	1939/12/22	8.1	0.018°S 122.793°E (Indonesia)	665	203
1939/7/13	6.4	3.044°S 140.071°E	1939/12/22	8.1	0.018°S 122.793°E (150 km; CM)	2003	162
1939/5/7	6.3	13.700°N 121.194°E	1939/12/22	8.1	0.018°S 122.793°E	1605	229
1939/10/8	6.2	6.668°S 128.469°E	1939/12/22	8.1	0.018°S 122.793°E	1014	75
1963/3/24	6.3	9.477°S 120.593°E	1963/11/4	8.1	6.957°S 129.605°E (Indonesia)	1056	225
1963/6/19	6.1	4.588°N 126.540°E	1963/11/4	8.1	6.957°S 129.605°E (110 km; CM)	1378	138
1963/6/5	6.1	1.153°S 127.350°E	1963/11/4	8.1	6.957°S 129.605°E	708	152
1963/4/10	6.0	9.169°S 125.178°E	1963/11/4	8.1	6.957°S 129.605°E	560	208
1964/10/18	6.9	7.220°S 123.832°E	1965/1/24	8.2	2.608°S 125.952°E (Indonesia)	576	98
1964/7/8	6.9	5.581°S 129.768°E	1965/1/24	8.2	2.608°S 125.952°E (20 km; CM)	544	200
1964/6/30	6.6	0.614°S 122.552°E	1965/1/24	8.2	2.608°S 125.952°E	432	208
1964/9/12	6.6	4.459°S 144.010°E	1965/1/24	8.2	2.608°S 125.952°E	2076	134
1964/11/24	6.4	13.023°N 124.683°E	1965/1/24	8.2	2.608°S 125.952°E	1816	61
1964/10/12	6.2	0.639°S 121.632°E	1965/1/24	8.2	2.608°S 125.952°E	536	104
1964/9/4	6.1	3.952°S 131.478°E	1965/1/24	8.2	2.608°S 125.952°E	640	142
1964/11/25	6.0	4.361°S 122.157°E	1965/1/24	8.2	2.608°S 125.952°E	472	60
1964/10/12	6.0	2.994°N 126.532°E	1965/1/24	8.2	2.608°S 125.952°E	624	104
1977/1/2	6.3	10.170°S 118.987°E	1977/8/19	8.3	11.164°S 118.378°E	136 (L)	229
1977/1/2	6.1	2.532°S 126.582°E	1977/8/19	8.3	11.164°S 118.378°E (Indonesia)	1352	229
1977/6/29	6.0	7.599°S 127.654°E	1977/8/19	8.3	11.164°S 118.378°E (25 km; CM)	1120	51

1995/12/20	6.5	3.703°S 140.233°E	1996/2/17	8.1	0.891°S 136.952°E (Indonesia)	488	59
1995/8/8	6.2	4.041°N 143.770°E	1996/2/17	8.1	0.891°S 136.952°E (33 km; CM)	944	193
<del>1996/2/10</del>	<del>6.1</del>	<del>6.000°S 146.629°E</del>	<del>1996/2/17</del>	<del>8.1</del>	<del>0.891°S 136.952°E</del>	<del>1232</del>	<del>7 (L)</del>
<del>1996/1/17</del>	<del>6.1</del>	<del>4.399°S 140.068°E</del>	<del>1996/2/17</del>	<del>8.1</del>	<del>0.891°S 136.952°E</del>	<del>528</del>	<del>31 (L)</del>
1995/11/9	6.0	1.290°N 121.678°E	1996/2/17	8.1	0.891°S 136.952°E	1744	100
2004/7/25	7.3	2.427°S 103.981°E	2004/12/26	9.1	3.295°N 95.982°E (Indonesia)	1112	154
2004/6/6	5.9	6.040°S 113.109°E	2004/12/26	9.1	3.295°N 95.982°E (30 km; CM)	2230	203
2004/9/17	5.7	15.814°N 95.879°E	2004/12/26	9.1	3.295°N 95.982°E	1412	100
2004/7/10	5.7	8.784°S 94.812°E	2004/12/26	9.1	3.295°N 95.982°E	1376	169
2004/8/7	5.6	6.242°S 95.666°E	2004/12/26	9.1	3.295°N 95.982°E	1080	141
<del>2007/8/9</del>	<del>7.5</del>	<del>5.859°S 107.419°E</del>	<del>2007/9/12</del>	<del>8.4</del>	<del>4.438°S 101.367°E</del>	<del>704</del>	<del>34 (L)</del>
2007/1/8	6.1	8.077°N 92.437°E	2007/9/12	8.4	4.438°S 101.367°E (Indonesia)	1768	247
<del>2007/7/26</del>	<del>6.1</del>	<del>7.157°N 92.518°E</del>	<del>2007/9/12</del>	<del>8.4</del>	<del>4.438°S 101.367°E</del>	<del>1686</del>	<del>48 (L)</del>
2007/6/27	6.0	10.492°S 108.149°E	2007/9/12	8.4	4.438°S 101.367°E (34 km; CM)	1054	77
2011/9/6	6.7	2.965°N 97.893°E	2012/4/11	8.6	2.327°N 93.063°E (Indonesia)	552	218
2011/10/13	6.1	9.350°S 114.587°E	2012/4/11	8.6	2.327°N 93.063°E (25.1 km; CM)	2505	181
1923/10/7	7.4	1.211°S 129.554°E	1924/4/15	8.1	6.625°N 126.167°E (Philippines)	989	191
1923/11/6	7.2	28.926°N 130.311°E	1924/4/15	8.1	6.625°N 126.167°E (15 km; CM)	2684	161
1924/2/14	6.6	3.065°S 121.254°E	1924/4/15	8.1	6.625°N 126.167°E	1249	61
1923/12/6	6.6	1.401°S 121.004°E	1924/4/15	8.1	6.625°N 126.167°E	1095	131
1923/9/17	6.5	2.481°S 139.054°E	1924/4/15	8.1	6.625°N 126.167°E	1800	211
1923/11/7	6.5	28.065°N 131.187°E	1924/4/15	8.1	6.625°N 126.167°E	2523	160
1923/11/26	6.4	23.562°N 122.928°E	1924/4/15	8.1	6.625°N 126.167°E	2005	141
1923/10/15	6.3	9.941°S 119.620°E	1924/4/15	8.1	6.625°N 126.167°E	2043	183
1923/11/19	6.3	23.979°N 122.331°E	1924/4/15	8.1	6.625°N 126.167°E	2053	148
1923/10/15	6.3	10.218°S 120.257°E	1924/4/15	8.1	6.625°N 126.167°E	2043	183
<del>1924/4/13</del>	<del>6.2</del>	<del>0.701°N 117.510°E</del>	<del>1924/4/15</del>	<del>8.1</del>	<del>6.625°N 126.167°E</del>	<del>1200</del>	<del>2 (L)</del>
<del>1923/9/27</del>	<del>6.1</del>	<del>8.369°N 126.738°E</del>	<del>1924/4/15</del>	<del>8.1</del>	<del>6.625°N 126.167°E</del>	<del>206 (L)</del>	<del>201</del>
1972/6/12	7.7	3.752°N 124.221°E	1972/12/2	8.0	6.405°N 126.640°E (Philippines)	408	173
1972/4/5	6.8	7.432°S 125.544°E	1972/12/2	8.0	6.405°N 126.640°E (60 km; CM)	1576	241
1972/8/30	6.5	3.513°S 144.934°E	1972/12/2	8.0	6.405°N 126.640°E	2384	94
1972/5/28	6.3	10.973°S 116.987°E	1972/12/2	8.0	6.405°N 126.640°E	2226	188
<del>1972/11/27</del>	<del>6.3</del>	<del>5.339°S 126.556°E</del>	<del>1972/12/2</del>	<del>8.0</del>	<del>6.405°N 126.640°E</del>	<del>1346</del>	<del>5 (L)</del>
1972/9/11	6.1	3.296°S 130.685°E	1972/12/2	8.0	6.405°N 126.640°E	1216	82
<del>1972/11/5</del>	<del>6.1</del>	<del>9.624°S 122.185°E</del>	<del>1972/12/2</del>	<del>8.0</del>	<del>6.405°N 126.640°E</del>	<del>1914</del>	<del>27 (L)</del>
1972/7/4	6.0	9.379°N 122.536°E	1972/12/2	8.0	6.405°N 126.640°E	565	151
<del>2000/10/29</del>	<del>7.0</del>	<del>4.766°S 153.945°E</del>	<del>2000/11/16</del>	<del>8.0</del>	<del>3.980°S 152.169°E</del>	<del>220 (L)</del>	<del>18 (L)</del>
2000/7/16	6.6	7.747°S 150.917°E	2000/11/16	8.0	3.980°S 152.169°E (Papua New Guinea)	452	123
2000/8/9	6.3	15.693°S 167.986°E	2000/11/16	8.0	3.980°S 152.169°E (33 km; CM)	2196	99
2000/5/6	6.3	11.295°S 165.432°E	2000/11/16	8.0	3.980°S 152.169°E	1712	194
2000/9/11	6.1	1.112°S 129.332°E	2000/11/16	8.0	3.980°S 152.169°E	2635	66
2000/6/9	6.1	11.301°S 162.062°E	2000/11/16	8.0	3.980°S 152.169°E	1365	160
<del>2000/5/8</del>	<del>6.1</del>	<del>4.457°S 150.004°E</del>	<del>2000/11/16</del>	<del>8.0</del>	<del>3.980°S 152.169°E</del>	<del>250 (L)</del>	<del>192</del>
2000/8/12	6.0	3.072°S 136.112°E	2000/11/16	8.0	3.980°S 152.169°E	1816	96

2000/5/26	6.0	11.359°N 139.245°E	2000/11/16	8.0	3.980°S 152.169°E	2319	174
2000/5/2	6.0	17.439°N 147.516°E	2000/11/16	8.0	3.980°S 152.169°E	2546	198
1971/7/14	8.0	5.524°S 153.850°E	1971/7/26	8.1	4.817°S 153.172°E	140 (L)	12 (L)
1971/3/14	6.6	5.775°S 145.393°E	1971/7/26	8.1	4.817°S 153.172°E (Papua New Guinea)	892	134
1970/12/29	6.6	5.242°S 153.520°E	1971/7/26	8.1	4.817°S 153.172°E	63 (L)	209
1971/3/16	6.4	10.968°S 163.705°E	1971/7/26	8.1	4.817°S 153.172°E (40 km; CM)	1395	132
1971/7/9	6.2	7.071°S 129.653°E	1971/7/26	8.1	4.817°S 153.172°E	2708	17 (L)
1971/1/25	6.1	9.701°S 151.421°E	1971/7/26	8.1	4.817°S 153.172°E	600	182
1971/3/13	6.1	18.282°S 173.655°E	1971/7/26	8.1	4.817°S 153.172°E	2822	135
1971/1/1	6.0	4.190°S 141.183°E	1971/7/26	8.1	4.817°S 153.172°E	1370	206
1971/5/3	6.0	11.151°S 161.882°E	1971/7/26	8.1	4.817°S 153.172°E	1232	84
2006/9/1	6.8	6.759°S 155.512°E	2007/4/2	8.1	8.466°S 157.043°E	255 (L)	213
2006/10/4	6.3	18.840°S 169.001°E	2007/4/2	8.1	8.466°S 157.043°E (Solomon Islands)	1773	180
2007/1/17	6.0	3.322°S 139.834°E	2007/4/2	8.1	8.466°S 157.043°E (24 km; CM)	2032	75
2006/12/28	6.0	5.724°S 154.424°E	2007/4/2	8.1	8.466°S 157.043°E	430	95
2006/11/7	6.0	5.450°S 146.637°E	2007/4/2	8.1	8.466°S 157.043°E	1224	146
2012/12/22	6.7	14.344°S 167.286°E	2013/2/6	8.0	10.799°S 165.114°E	471	46 (L)
2012/10/21	6.2	13.552°S 166.564°E	2013/2/6	8.0	10.799°S 165.114°E (Solomon Islands)	353	108
2012/8/20	6.2	4.766°S 144.570°E	2013/2/6	8.0	10.799°S 165.114°E (24 km; CM)	2449	170
2012/12/2	6.1	16.975°S 167.645°E	2013/2/6	8.0	10.799°S 165.114°E	761	66
2012/9/5	6.0	12.476°S 166.513°E	2013/2/6	8.0	10.799°S 165.114°E	245 (L)	154
2018/6/22	6.1	17.791°S 168.057°E	2018/8/19	8.2	18.113°S 178.153°W (Fiji)	1500	58
2018/4/2	6.1	24.719°S 176.887°W	2018/8/19	8.2	18.113°S 178.153°W (600 km; Sea)	759	139
2018/7/17	6.0	11.594°S 166.432°E	2018/8/19	8.2	18.113°S 178.153°W	1827	33 (L)
2009/5/16	6.5	31.553°S 178.833°W	2009/9/30	8.1	15.489°S 172.095°W (Matavai, Samoa)	1914	137
2009/8/19	6.3	26.064°S 178.391°W	2009/9/30	8.1	15.489°S 172.095°W	1389	42 (L)
2009/9/3	6.2	29.395°S 178.956°W	2009/9/30	8.1	15.489°S 172.095°W	1720	27 (L)
2009/4/26	6.1	30.300°S 178.582°W	2009/9/30	8.1	15.489°S 172.095°W (18 km; CM)	1800	157
2006/4/7	6.5	16.527°S 176.989°E	2006/5/3	8.0	20.187°S 174.123°W	1030	26 (L)
2006/2/24	6.1	17.995°S 179.590°W	2006/5/3	8.0	20.187°S 174.123°W (Pangai, Tonga)	634	68
2006/3/5	6.1	20.118°S 175.661°W	2006/5/3	8.0	20.187°S 174.123°W (55 km; CM)	164 (L)	59
2006/4/30	6.1	15.103°S 167.441°E	2006/5/3	8.0	20.187°S 174.123°W	2077	3 (L)
2006/5/1	6.0	15.523°S 173.101°W	2006/5/3	8.0	20.187°S 174.123°W	546	2 (L)
2006/3/25	6.0	16.885°S 174.504°E	2006/5/3	8.0	20.187°S 174.123°W	1264	39 (L)
1975/10/21	6.5	16.256°S 177.430°W	1976/1/15	8.0	28.427°S 177.657°W (Kermadec Islands)	1385	86
1975/9/24	6.5	20.535°S 173.994°W	1976/1/15	8.0	28.427°S 177.657°W (33 km; CM)	975	113
1975/12/9	6.2	14.789°S 173.003°W	1976/1/15	8.0	28.427°S 177.657°W	1595	37 (L)
1976/1/10	6.1	15.759°S 167.868°E	1976/1/15	8.0	28.427°S 177.657°W	2078	5 (L)
1975/12/19	6.0	11.754°S 164.804°E	1976/1/15	8.0	28.427°S 177.657°W	2640	27 (L)
2021/1/8	6.3	29.430°S 178.744°W	2021/3/5	8.1	29.723°S 177.279°W	149 (L)	56
2021/1/6	6.2	28.636°S 177.271°W	2021/3/5	8.1	29.723°S 177.279°W	123 (L)	58
2021/2/18	6.2	18.952°S 168.068°E	2021/3/5	8.1	29.723°S 177.279°W	1946	15 (L)
2021/1/8	6.1	20.737°S 169.882°E	2021/3/5	8.1	29.723°S 177.279°W (Kermadec Islands)	1668	56
2020/10/23	6.1	25.634°S 179.962°W	2021/3/5	8.1	29.723°S 177.279°W (28.9 km; CM)	533	133

2020/11/11	6.0	19.718°S 177.561°W	2021/3/5	8.1	29.723°S 177.279°W	1142	114
2004/11/23	7.1	46.676°S 164.721°E	2004/12/23	8.1	49.312°S 161.345°E	395	30 (L)
2004/5/31	5.9	31.052°S 177.117°W	2004/12/23	8.1	49.312°S 161.345°E (Macquarie Island)	2792	206
2004/9/1	5.8	60.935°S 160.156°E	2004/12/23	8.1	49.312°S 161.345°E (10 km; CM)	1289	113
1989/3/18	6.2	34.479°S 178.394°W	1989/5/23	8.0	52.341°S 160.568°E (Macquarie Island)	2654	66
1989/1/7	5.8	65.458°S 179.993°W	1989/5/23	8.0	52.341°S 160.568°E (10 km; CM)	1861	136
1998/3/21	6.7	50.008°S 163.107°E	1998/3/25	8.1	62.877°S 149.527°E	1707	4 (L)
1997/10/17	6.2	57.538°S 147.970°E	1998/3/25	8.1	62.877°S 149.527°E (Balleny Islands)	608	159
1998/1/27	5.9	47.514°S 165.185°E	1998/3/25	8.1	62.877°S 149.527°E (10 km; CM)	1982	57
1997/12/16	5.9	62.880°S 163.188°E	1998/3/25	8.1	62.877°S 149.527°E	753	99
1997/9/12	5.9	63.122°S 164.321°W	1998/3/25	8.1	62.877°S 149.527°E	2763	194
1997/9/24	5.8	65.526°S 178.813°E	1998/3/25	8.1	62.877°S 149.527°E	1514	182
1932/5/21	7.1	43.198°N 87.862°W	1932/6/3	8.1	19.795°N 103.931°W	1908	13 (L)
1931/11/2	6.5	16.277°N 96.641°W	1932/6/3	8.1	19.795°N 103.931°W (Mexico)	892	214
1932/3/14	6.2	21.759°N 108.676°W	1932/6/3	8.1	19.795°N 103.931°W (35 km; CM)	569	81
1932/4/24	6.1	25.082°N 111.774°W	1932/6/3	8.1	19.795°N 103.931°W	1046	40 (L)
1985/9/15	6.0	17.974°N 97.158°W	1985/9/19	8.0	18.190°N 102.533°W	585	4 (L)
1985/4/1	5.7	8.452°N 103.202°W	1985/9/19	8.0	18.190°N 102.533°W (Mexico)	1092	171
1985/8/25	5.6	21.804°N 108.486°W	1985/9/19	8.0	18.190°N 102.533°W (27.9 km; CM)	769	25 (L)
1995/6/14	6.6	12.128°N 88.360°W	1995/10/9	8.0	19.055°N 104.205°W (Mexico)	1892	117
1995/8/28	6.6	26.092°N 110.284°W	1995/10/9	8.0	19.055°N 104.205°W	1022	42 (L)
1995/6/1	6.4	18.956°N 107.420°W	1995/10/9	8.0	19.055°N 104.205°W (33 km; CM)	346	130
2017/1/17	5.8	19.853°N 76.594°W	2017/9/8	8.2	15.022°N 93.899°W (Mexico)	1954	234
2017/5/20	5.7	17.489°N 105.323°W	2017/9/8	8.2	15.022°N 93.899°W (47.4 km; CM)	1311	111
2017/3/29	5.7	25.713°N 110.024°W	2017/9/8	8.2	15.022°N 93.899°W	2138	163
2009/9/13	6.4	10.709°N 67.927°W	2010/1/13	7.0	18.443°N 72.571°W (Haiti)	1008	122
2009/7/4	6.1	9.590°N 78.966°W	2010/1/13	7.0	18.443°N 72.571°W (13 km; CM)	1231	193
2009/8/13	5.8	7.948°N 85.633°W	2010/1/13	7.0	18.443°N 72.571°W	1882	153
2009/10/29	5.7	18.911°N 95.538°W	2010/1/13	7.0	18.443°N 72.571°W	2292	76
2009/5/23	5.6	18.114°N 98.457°W	2010/1/13	7.0	18.443°N 72.571°W	2808	235
2009/5/4	5.5	10.200°N 67.010°W	2010/1/13	7.0	18.443°N 72.571°W	1108	254
2009/8/15	5.5	18.183°N 100.366°W	2010/1/13	7.0	18.443°N 72.571°W	3000	151
1922/10/11	7.2	46.287°S 72.705°W	1922/11/11	8.5	28.293°S 69.852°W	1425	31 (L)
1922/11/8	7.0	28.369°S 71.942°W	1922/11/11	8.5	28.293°S 69.852°W	207	3 (L)
1922/3/13	6.6	39.205°S 73.714°W	1922/11/11	8.5	28.293°S 69.852°W (Chile)	1293	243
1922/4/6	6.3	14.089°S 77.589°W	1922/11/11	8.5	28.293°S 69.852°W (70 km; CM)	1830	219
1922/5/21	6.1	34.101°S 73.819°W	1922/11/11	8.5	28.293°S 69.852°W	747	174
1940/2/12	6.4	28.352°S 70.776°W	1940/5/25	8.2	11.217°S 77.438°W (Peru)	2070	103
1940/5/5	6.3	6.895°S 80.395°W	1940/5/25	8.2	11.217°S 77.438°W (45 km; CM)	585	20 (L)
1940/4/8	6.1	32.974°S 72.263°W	1940/5/25	8.2	11.217°S 77.438°W	2517	47 (L)
1942/7/8	7.1	24.373°S 70.040°W	1942/8/25	8.1	15.041°S 75.025°W	1185	48 (L)
1942/5/22	6.0	4.437°N 74.636°W	1942/8/25	8.1	15.041°S 75.025°W (Peru)	2254	95
1942/6/12	6.3	2.083°S 76.877°W	1942/8/25	8.1	15.041°S 75.025°W (30 km; CM)	1524	74
1942/9/27	6.1	45.058°S 81.259°W	1943/4/7	8.1	31.262°S 71.368°W (Chile)	1865	192

1942/11/18	5.7	14.201°S 73.056°W	1943/4/7	8.1	31.262°S 71.368°W (35 km; CM)	1939	140
1950/8/15	7.1	27.507°S 62.838°W	1950/12/10	8.2	23.977°S 67.912°W (Chile)	662	117
1950/7/9	6.8	8.270°S 70.949°W	1950/12/10	8.2	23.977°S 67.912°W (113.9 km; CM)	1831	154
1960/5/21	8.1	37.824°S 73.353°W	1960/5/23	9.5	38.143°S 73.407°W (Chile)	36 (L)	2 (L)
1960/1/15	7.1	15.008°S 74.867°W	1960/5/23	9.5	38.143°S 73.407°W (Chile)	2643	129
1959/11/28	6.1	28.848°S 71.151°W	1960/5/23	9.5	38.143°S 73.407°W (25 km; CM)	1077	177
1966/5/2	6.4	8.341°S 74.142°W	1966/10/18	8.1	10.665°S 78.228°W (Peru)	524	169
1966/6/7	6.2	14.828°S 75.835°W	1966/10/18	8.1	10.665°S 78.228°W (40 km; CM)	545	133
1970/6/11	6.6	24.418°S 68.413°W	1970/8/1	8.0	1.597°S 72.532°W (Peru)	2600	51
1970/6/19	6.5	22.261°S 70.276°W	1970/8/1	8.0	1.597°S 72.532°W	2400	43 (L)
1970/7/8	6.1	17.901°S 64.638°W	1970/8/1	8.0	1.597°S 72.532°W	2449	24 (L)
1970/7/2	6.0	10.125°S 78.543°W	1970/8/1	8.0	1.597°S 72.532°W	1184	30 (L)
1970/6/17	6.0	16.015°S 71.724°W	1970/8/1	8.0	1.597°S 72.532°W	1686	45 (L)
1970/1/7	6.0	15.785°S 59.808°W	1970/8/1	8.0	1.597°S 72.532°W (644.8 km; CN)	2416	206
1984/12/12	6.4	22.407°S 68.599°W	1985/3/4	8.0	33.135°S 71.871°W (Chile)	1249	82
1984/10/21	6.2	24.072°S 66.832°W	1985/3/4	8.0	33.135°S 71.871°W (33 km; CM)	1144	134
1985/1/26	6.2	33.053°S 68.467°W	1985/3/4	8.0	33.135°S 71.871°W	325	37 (L)
1994/5/10	6.9	28.501°S 63.096°W	1994/6/9	8.2	13.841°S 67.553°W	1740	30 (L)
1994/1/10	6.9	13.339°S 69.446°W	1994/6/9	8.2	13.841°S 67.553°W	216 (L)	150
1994/6/7	6.8	2.917°N 76.057°W	1994/6/9	8.2	13.841°S 67.553°W	2173	2 (L)
1994/5/10	5.9	19.613°S 69.792°W	1994/6/9	8.2	13.841°S 67.553°W (631.3 km; CN)	700	30 (L)
1994/1/20	5.8	6.002°S 77.052°W	1994/6/9	8.2	13.841°S 67.553°W (Bolivia)	1427	140
1995/5/2	6.7	3.792°S 76.917°W	1995/7/30	8.0	23.340°S 70.294°W (Chile)	2384	89
1995/2/14	6.0	23.366°S 67.688°W	1995/7/30	8.0	23.340°S 70.294°W (45.6 km; CM)	274 (L)	166
2001/4/9	6.7	32.668°S 73.109°W	2001/6/24	8.4	16.265°S 73.641°W (Peru)	1829	76
2000/11/29	6.3	24.869°S 70.886°W	2001/6/24	8.4	16.265°S 73.641°W (33 km; CM)	1026	207
2001/3/15	6.0	32.321°S 71.492°W	2001/6/24	8.4	16.265°S 73.641°W	1859	101
2001/6/19	6.0	22.739°S 67.877°W	2001/6/24	8.4	16.265°S 73.641°W	958	5 (L)
2000/11/1	5.9	7.950°S 74.422°W	2001/6/24	8.4	16.265°S 73.641°W	949	235
2007/7/21	6.4	22.151°S 65.777°W	2007/8/16	8.0	13.386°S 76.603°W	1546	26 (L)
2007/3/18	6.2	4.585°N 78.494°W	2007/8/16	8.0	13.386°S 76.603°W (Peru)	2092	151
2007/7/21	6.1	8.133°S 71.272°W	2007/8/16	8.0	13.386°S 76.603°W (39 km; CM)	839	26 (L)
2007/7/12	6.1	7.933°S 74.379°W	2007/8/16	8.0	13.386°S 76.603°W	659	35 (L)
2009/11/23	5.9	39.634°S 74.967°W	2010/2/27	8.8	36.122°S 72.898°W (Chile)	438	96
2009/10/1	5.9	15.551°S 69.293°W	2010/2/27	8.8	36.122°S 72.898°W (22.9 km; CM)	2415	149
2009/9/5	5.8	15.121°S 70.248°W	2010/2/27	8.8	36.122°S 72.898°W	2451	175
2010/2/12	5.8	33.622°S 68.789°W	2010/2/27	8.8	36.122°S 72.898°W	480	15 (L)
2013/9/26	7.1	15.839°S 74.511°W	2014/4/2	8.2	19.610°S 70.769°W (Chile)	592	188
2013/11/1	6.6	30.292°S 71.522°W	2014/4/2	8.2	19.610°S 70.769°W (25 km; CM)	1222	152
2014/3/16	6.3	5.575°S 80.971°W	2014/4/2	8.2	19.610°S 70.769°W	1889	17 (L)
2013/8/12	6.2	5.396°S 81.927°W	2014/4/2	8.2	19.610°S 70.769°W	2068	233
2013/10/30	6.2	35.314°S 73.395°W	2014/4/2	8.2	19.610°S 70.769°W	2200	154
2014/3/15	6.1	14.085°S 76.311°W	2014/4/2	8.2	19.610°S 70.769°W	873	18 (L)
2015/2/2	6.3	32.718°S 67.123°W	2015/9/17	8.3	31.573°S 71.674°W (Chile)	462	227

2015/6/10	6.0	22.400°S 68.432°W	2015/9/17	8.3	31.573°S 71.674°W (22.4 km; CM)	1093	99
2015/6/29	5.8	16.025°S 74.256°W	2015/9/17	8.3	31.573°S 71.674°W	1800	80
2019/2/22	7.5	2.186°S 77.051°W	2019/5/26	8.0	5.812°S 75.270°W (Peru)	460	93
2019/3/1	7.0	14.713°S 70.155°W	2019/5/26	8.0	5.812°S 75.270°W (122.6 km; CN)	1161	86
2019/1/6	6.8	8.144°S 71.587°W	2019/5/26	8.0	5.812°S 75.270°W	486	140
2019/3/15	6.3	17.874°S 65.907°W	2019/5/26	8.0	5.812°S 75.270°W	1737	72
2018/11/2	6.2	19.583°S 69.266°W	2019/5/26	8.0	5.812°S 75.270°W	1737	205
2019/3/24	6.1	4.560°N 76.223°W	2019/5/26	8.0	5.812°S 75.270°W	1184	63
2019/1/8	5.2	4.608°S 74.006°W	2019/5/26	8.0	5.812°S 75.270°W	196	138
<del>2019/5/13</del>	<del>6.0</del>	<del>8.625°N 82.830°W</del>	<del>2019/5/26</del>	<del>8.0</del>	<del>5.812°S 75.270°W</del>	<del>1865</del>	<del>13 (L)</del>
1929/4/14	5.9	59.697°S 26.458°W	1929/6/27	8.1	55.373°S 29.345°W (South Sandwich Islands)	538	74
1929/4/13	5.9	58.651°S 25.159°W	1929/6/27	8.1	55.373°S 29.345°W (15 km; CM)	462	75
<del>2021/7/17</del>	<del>5.7</del>	<del>56.070°S 27.797°W</del>	<del>2021/8/13</del>	<del>8.1</del>	<del>58.375°S 25.264°W</del>	<del>298</del>	<del>27 (L)</del>
2021/1/12	5.5	58.050°S 9.843°W	2021/8/13	8.1	58.375°S 25.264°W (South Sandwich Islands; 22.8 km; CM)	1038	213
1942/6/2	6.4	55.927°S 4.971°W	1942/11/10	8.0	49.885°S 30.465°E (South of Africa; 10 km; Sea)	2549	161

The data with too low distance ( $< 300$  km for  $M \geq 6.0$ ) or too low time interval ( $< 50$  d for  $M \geq 5.7$ ) were ruled out and marked with "(L)" and crossed out. \*In the USGS database, it was recorded as  $M5.7 \pm 0.2$ ; however it was adjusted into  $M5.8$  in this study to get a better correlation between magnitude and time interval. †In the USGS database, it was recorded as  $M6.2 \pm 0.2$ ; however it was adjusted into  $M6.3$  in this study to get a better correlation between magnitude and time interval. CM, continental margin; CN, continental nucleus. All triggered earthquake occurred on Dip-Slip Faults or Oblique-Slip Faults (combined dip-slip and strike-slip movements). Therefore the fault types were not indicated in the table.

**Table S2:** Association between TGEs within a radius of 200 km of the TDE's epicenter and the corresponding TDE.

Triggering earthquakes (TGEs) within 200 km of the TDE's epicenter			Triggered earthquake (TDE)			
Magnitude ( <i>M</i> )	Distance	Time interval	Time	<i>M</i>	Location	
6.1	2 km	1 h	1977/8/19	8.3	11.164°S 118.378°E (Waingapu, Indonesia)	
4.8→4.5→4.6→4.5→4.9	< 120 km	92 - 52 d	2004/12/26	9.1	3.295°N 95.982°E (Sumatra, Indonesia)	
7.2→5.1→4.9→5.1→4.9	< 47 km	91 - 28 d (4.3 : 16 d)	2012/4/11	8.6	2.327°N 93.063°E (Sumatra, Indonesia)	
8.0→6.1→6.5→6.6→7.1	< 130 km	12 - 7 d (5.9 : 5d)	1971/7/26	8.1	4.817°S 153.172°E (Papua New Guinea)	
4.9→5.1→5.0→5.3→4.8	< 90 km	37 d - 6 h	2007/4/2	8.1	8.466°S 157.043°E (Solomon Islands)	
6.0→6.3→6.4→6.0→6.0	< 58 km	5 d - 1 h	2013/2/6	8.0	10.799°S 165.114°E (Solomon Islands)	
4.7→4.6→4.6→4.7→4.6	< 68 km	52 - 12 d (4.2 : 5 h)	2018/8/19	8.2	18.113°S 178.153°W (Fiji)	
5.3→5.2→5.2→5.4→6.6	< 135 km	81 - 31 d (4.4 : 3 d)	2009/9/30	8.1	15.489°S 172.095°W (Matavai, Samoa)	
6.2→5.5→5.4→5.3→6.3	< 104 km	14 d - 1 h	1976/1/15	8.0	28.427°S 177.657°W (Kermadec Islands)	
7.4→5.3→5.1→5.0→5.1	< 74 km	2 h - 15 min	2021/3/5	8.1	29.723°S 177.279°W (Kermadec Islands)	
6.5	47 km	122 d	1941/11/19	8.0	32.129°N 131.944°E (Japan)	
5.9	5 km	1 d	1960/3/21	8.0	39.869°N 143.228°E (Japan)	
7.3→6.0→5.9→6.0→6.5	< 74 km	2 d - 1 d	2011/3/11	9.1	38.297°N 142.373°E (Japan)	
6.2→4.5	108, 50 km	34, 4 d	1994/10/4	8.3	43.773°N 147.321°E (Shikotan, Russia)	
6.2→5.9	66, 13 km	109, 100 d	1958/11/7	8.3	44.479°N 148.485°E (Kuril'sk, Russia)	
5.8→7.0	137, 32 km	40, 1 d	1963/10/13	8.5	44.872°N 149.483°E (Kuril'sk, Russia)	
5.9→6.6→6.0→6.5→5.9	< 47 km	48 - 33 d (5.0 : 1 min)	2006/11/15	8.3	46.592°N 153.266°E (Kuril'sk, Russia)	
6.1→5.8	93, 110 km	215, 29 d	1952/11/5	9.0	52.623°N 159.779°E (Kamchatka, Russia)	
7.3	88 km	2 d	1923/2/4	8.4	54.486°N 160.472°E (Mil'kovo, Russia)	
6.1	29 km	1 d	1951/11/18	7.7	31.056°N 91.261°E (Tibet, China)	
4.5	86 km	74 d	2008/5/12	7.9	31.002°N 103.322°E (Sichuan, China)	
4.9	52 km	108 d	2022/9/5	6.6	29.679°N 102.236°E (Sichuan, China)	
4.8	75 km	84 d	2015/4/25	7.8	28.231°N 84.731°E (Nepal)	
5.0→4.3→4.1→4.1→4.2	< 82 km	118 - 3 d	2023/2/6	7.8	37.174°N 37.032°E (Turkey)	
5.6→5.8	126, 19 km	5 d, 8 min	1965/2/4	8.7	51.251°N 178.715°E (Alaska)	
6.0	100 km	43 d	1957/3/9	8.6	51.499°N 175.626°W (Alaska)	
5.6→5.1→5.0→6.3→5.0	< 139 km	110 d - 1 h	1986/5/8	8.0	51.520°N 174.776°W (Alaska)	
5.8	27 km	3 d	1995/10/9	8.0	19.055°N 104.205°W (Mexico)	
5.4→4.3→4.6→4.4→4.9	< 129 km	121 - 27 d	2001/6/24	8.4	16.265°S 73.641°W (Peru)	
5.2→4.5	196, 120 km	138, 8 d	2019/5/26	8.0	5.812°S 75.270°W (Peru)	
8.1→6.2→7.1→6.8→7.8	< 93 km	2 d - 15 min	1960/5/23	9.5	38.143°S 73.407°W (Chile)	
5.7→5.0→5.3→5.1→5.5	< 14 km	10 d - 11 s	1985/3/4	8.0	33.135°S 71.871°W (Chile)	
5.1→4.8→4.7	31 km	37 d	2010/2/27	8.8	36.122°S 72.898°W (Chile)	
6.7→6.4→5.8→6.2→6.3	< 47 km	16 - 9 d (4.1 : 1 d)	2014/4/2	8.2	19.610°S 70.769°W (Chile)	
5.5	15 km	36 d	2015/9/17	8.3	31.573°S 71.674°W (Chile)	
6.3	38 km	90 d	1929/6/27	8.1	55.373°S 29.345°W (South Sandwich Islands)	
5.0→5.9→4.8→4.9→7.5	< 152 km	36 d - 3 min	2021/8/13	8.1	58.375°S 25.264°W (South Sandwich Islands)	

The five biggest precursory earthquakes (within a 150-km radius) are listed in order. The last precursory earthquake and its time interval to the triggered earthquake is enclosed in the parenthesis (magnitude : time interval), if it is not included in the five biggest precursory earthquakes.

**Table S3:** Calculated distances and time intervals between triggering earthquakes and corresponding triggered earthquakes.

<i>M</i>	Distances calculated from the regression equations (km)			Time intervals calculated from the regression equations (d)			
4.3	375	Too low	Too low	Too low	36	25	Too low
4.4	567	129	60	Too low	49	36	Too low
4.5	751	279	158	Too low	61	46	10
4.6	925	422	251	2	74	57	21
4.7	1090	558	340	60	86	67	31
4.8	1247	688	423	116	99	78	41
4.9	1395	810	503	168	111	88	52
5.0	1533	925	577	218	124	99	62
5.1	1663	1034	647	264	136	109	73
5.2	1784	1135	713	307	149	120	83
5.3	1896	1229	774	347	162	131	94
5.4	1999	1316	830	384	174	141	104
5.5	2093	1397	882	418	187	152	115
5.6	2178	1470	929	449	199	162	125
5.7	2255	1536	971	477	212	173	135
5.8	2322	1595	1009	501	224	183	146
5.9	2381	1647	1042	523	237	194	156
6.0	2431	1693	1071	541	249	204	167
6.1	2471	1731	1095	557	262	215	177
6.2	2503	1762	1114	569	274	225	188
6.3	2526	1786	1129	578	287	236	198
6.4	2540	1804	1139	585	299	247	209
6.5	2545	1814	1145	588	312	257	219
6.6	2541	1817	1146	588	324	268	230
6.7	2529	1813	1142	584	337	278	240
6.8	2507	1803	1134	578	349	289	250
6.9	2477	1785	1121	569	362	299	261
7.0	2437	1760	1103	557	Too high	310	271
7.1	2389	1728	1081	541	Too high	320	282
7.2	2332	1689	1055	523	Too high	331	292
7.3	2265	1644	1023	501	Too high	341	303
7.4	2190	1591	988	476	Too high	352	313
7.5	2106	1531	947	448	Too high	362	324

Four regression equations to predict distances are marked with dark red, red, purple and blue respectively; Three regression equations to predict time intervals are marked with red, purple and blue respectively. "Too low" means zero or negative numbers. "Too high" means > 365 days.

**Table S4:** Success rate of the forecast model

Time	M	Location	Prediction of the epicenter (by which TGEs	Predicted time (d) after the
			and which distance)	first TGE (actual time)
1994/10/4	8.3	43.773°N 147.321°E (Shikotan, Russia)	First TGE (max dis.)	180-181 (182)
1958/11/7	8.3	44.479°N 148.485°E (Kuril'sk, Russia)	Second TGE (max dis.)	279 (278)
1963/10/13	8.5	44.872°N 149.483°E (Kuril'sk, Russia)	Second TGE (second dis.)	209-213 (211)
2006/11/15	8.3	46.592°N 153.266°E (Kuril'sk, Russia)	Second TGE (second dis.)	N.A. (177)
2013/5/24	8.3	54.892°N 153.221°E (Sea of Okhotsk)	Second/Last TGE (second dis.)	N.A. (188)
1952/11/5	9.0	52.623°N 159.779°E (Kamchatka, Russia)	First TGE (max dis.)	243 (243)
1923/2/4	8.4	54.486°N 160.472°E (Mil'kovo, Russia)	Second/Last TGE (second dis.)	177 (177)
1965/2/4	8.7	51.251°N 178.715°E (Alaska, USA)	First TGE (max dis.)	138-141 (141)
1957/3/9	8.6	51.499°N 175.626°W (Alaska, USA)	First TGE (second dis.)	N.A. (169)
1986/5/8	8.0	51.520°N 174.776°W (Alaska, USA)	Only one TGE	188 (188)
1946/4/1	8.6	53.492°N 162.832°W (Alaska, USA)	First TGE (max dis.)	N.A. (158)
1938/11/11	8.2	55.178°N 158.181°W (Alaska, USA)	First TGE (second dis.)	N.A. (234)
2021/7/29	8.2	55.364°N 157.888°W (Alaska, USA)	First TGE (second dis.)	N.A. (207)
1964/3/28	9.2	60.908°N 147.339°W (Alaska, USA)	First/Second TGE (max dis.)	183 (184)
1949/8/22	8.0	53.673°N 133.015°W (Alaska, USA)	First TGE (second dis.)	187-191 (191)
1923/9/1	8.0	35.274°N 139.344°E (Japan)	Last TGE (second dis.)	198 (197)
1933/3/3	8.4	39.209°N 144.590°E (Japan)	Last TGE (second dis.)	N.A. (154)
1941/11/19	8.0	32.129°N 131.944°E (Japan)	Second TGE (second dis.)	204 (203)
1944/12/7	8.1	33.730°N 136.200°E (Japan)	Last TGE (third dis.)	N.A. (141)
1946/12/21	8.3	33.123°N 135.905°E (Japan)	First TGE (second dis.)	204 (202)
1952/3/4	8.1	42.084°N 143.899°E (Japan)	First TGE (second dis.)	239 (236)
1960/3/21	8.0	39.869°N 143.228°E (Japan)	Last TGE (third dis.)	146-148 (146)
1968/5/16	8.2	40.860°N 143.435°E (Japan)	Second/Last TGE (third dis.)	N.A. (237)
2003/9/26	8.2	41.815°N 143.910°E (Japan)	First TGE (third dis.)	N.A. (155)
2011/3/11	9.1	38.297°N 142.373°E (Japan)	Second TGE (third dis.)	217-219 (218)
2008/5/12	7.9	31.002°N 103.322°E (Sichuan, China)	First TGE (second dis.)	113 (115)
2013/4/20	6.6	30.308°N 102.888°E (Sichuan, China)	First TGE (third dis.)	93-103 (101)
2022/9/5	6.6	29.679°N 102.236°E (Sichuan, China)	Last TGE (second dis.)	157-163 (160)
1976/7/28	7.5	39.570°N 117.978°E (Tangshan, China)	First TGE (max dis.)	202-204 (202)
1957/12/4	8.1	45.189°N 99.368°E (Mongolia)	First TGE (max dis.)	N.A. (155)
1945/11/28	8.1	24.978°N 63.675°E (Pakistan)	First TGE (max dis.)	N.A. (241)
1950/8/15	8.6	28.363°N 96.445°E (Assam-Tibet)	Second/Last TGE (third dis.)	173 (170)
1951/11/18	7.7	31.056°N 91.261°E (Tibet, China)	Last TGE (third dis.)	243-257 (251)
2001/1/26	7.7	23.419°N 70.232°E (India)	Last TGE (second dis.)	234-241 (235)
2001/11/14	7.8	35.946°N 90.541°E (Qinghai, China)	Last TGE (max dis.)	124-130 (126)
2005/10/8	7.6	34.539°N 73.588°E (Pakistan)	First TGE (second dis.)	168-203 (185)
2023/2/6	7.8	37.174°N 37.032°E (Turkey)	Last TGE (max dis.)	238 (241)
2015/4/25	7.8	28.231°N 84.731°E (Nepal)	Last TGE (max dis.)	258-268 (265)
2025/3/28	7.7	21.996°N 95.926°E (Myanmar)	Last TGE (third dis.)	113 (114)
1938/2/2	8.5	5.045°S 131.614°E (Indonesia)	Second/Last TGE (second dis.)	N.A. (134)
1939/12/22	8.1	0.018°S 122.793°E (Indonesia)	First TGE (second dis.)	N.A. (229)

1963/11/4	8.1	6.957°S 129.605°E (Indonesia)	Last TGE (second dis.)	222 (225)
1965/1/24	8.2	2.608°S 125.952°E (Indonesia)	Last TGE (second dis.)	N.A. (208)
1977/8/19	8.3	11.164°S 118.378°E (Indonesia)	Second/Last TGE (third dis.)	230-232 (229)
1996/2/17	8.1	0.891°S 136.952°E (Indonesia)	Second TGE (second dis.)	N.A. (193)
2004/12/26	9.1	3.295°N 95.982°E (Indonesia)	First TGE (max dis.)	203 (203)
2007/9/12	8.4	4.438°S 101.367°E (Indonesia)	First TGE (second dis.)	N.A. (247)
2012/4/11	8.6	2.327°N 93.063°E (Indonesia)	Second TGE (max dis.)	214-228 (218)
1924/4/15	8.1	6.625°N 126.167°E (Philippines)	First TGE (second dis.)	N.A. (211)
1972/12/2	8.0	6.405°N 126.640°E (Philippines)	Second TGE (max dis.)	N.A. (241)
2000/11/16	8.0	3.980°S 152.169°E (Papua New Guinea)	First TGE (max dis.)	191-202 (198)
1971/7/26	8.1	4.817°S 153.172°E (Papua New Guinea)	First TGE (second dis.)	202-205 (206)
2007/4/2	8.1	8.466°S 157.043°E (Solomon Islands)	First TGE (second dis.)	181-183 (180)
2013/2/6	8.0	10.799°S 165.114°E (Solomon Islands)	First TGE (max dis.)	166-168 (170)
2018/8/19	8.2	18.113°S 178.153°W (Fiji)	Second/Last TGE (second dis.)	118-155 (139)
2009/9/30	8.1	15.489°S 172.095°W (Matavai, Samoa)	First/Last TGE (second dis.)	155-157 (157)
2006/5/3	8.0	20.187°S 174.123°W (Pangai, Tonga)	Only one TGE	N.A. (68)
1976/1/15	8.0	28.427°S 177.657°W (Kermadec Islands)	First/Last TGE (third dis.)	114-116 (113)
2021/3/5	8.1	29.723°S 177.279°W (Kermadec Islands)	Last TGE (second dis.)	134-136 (133)
2004/12/23	8.1	49.312°S 161.345°E (Macquarie Island)	First TGE (max dis.)	N.A. (206)
1989/5/23	8.0	52.341°S 160.568°E (Macquarie Island)	Second/Last TGE (max dis.)	N.A. (136)
1998/3/25	8.1	62.877°S 149.527°E (Balleny Islands)	First TGE (max dis.)	194-196 (194)
1932/6/3	8.1	19.795°N 103.931°W (Mexico)	First TGE (third dis.)	219 (214)
1985/9/19	8.0	18.190°N 102.533°W (Mexico)	First TGE (third dis.)	173 (171)
1995/10/9	8.0	19.055°N 104.205°W (Mexico)	Second/Last TGE (second dis.)	N.A. (130)
2017/9/8	8.2	15.022°N 93.899°W (Mexico)	Second TGE (max dis.)	224-244 (234)
2010/1/13	7.0	18.443°N 72.571°W (Haiti)	Last TGE (max dis.)	255 (254)
1922/11/11	8.5	28.293°S 69.852°W (Chile)	Second TGE (second dis.)	241-246 (243)
1940/5/25	8.2	11.217°S 77.438°W (Peru)	Only one TGE	N.A. (103)
1942/8/25	8.1	15.041°S 75.025°W (Peru)	First TGE (max dis.)	N.A. (95)
1943/4/7	8.1	31.262°S 71.368°W (Chile)	First TGE (second dis.)	187-196 (192)
1950/12/10	8.2	23.977°S 67.912°W (Chile)	First TGE (second dis.)	N.A. (154)
1960/5/23	9.5	38.143°S 73.407°W (Chile)	First TGE (third dis.)	176-178 (177)
1966/10/18	8.1	10.665°S 78.228°W (Peru)	First/Last TGE (fourth dis.)	N.A. (169)
1970/8/1	8.0	1.597°S 72.532°W (Peru)	First/Last TGE (max dis.)	205 (206)
1985/3/4	8.0	33.135°S 71.871°W (Chile)	First TGE (third dis.)	135-137 (134)
1994/6/9	8.2	13.841°S 67.553°W (Bolivia)	Only one TGE	146 (140)
1995/7/30	8.0	23.340°S 70.294°W (Chile)	Only one TGE	N.A. (89)
2001/6/24	8.4	16.265°S 73.641°W (Peru)	Last TGE (second dis.)	226-237 (235)
2007/8/16	8.0	13.386°S 76.603°W (Peru)	Only one TGE	N.A. (151)
2010/2/27	8.8	36.122°S 72.898°W (Chile)	First/Second TGE (max dis.)	169-184 (175)
2014/4/2	8.2	19.610°S 70.769°W (Chile)	First TGE (second dis.)	233-235 (233)
2015/9/17	8.3	31.573°S 71.674°W (Chile)	Last TGE (second dis.)	N.A. (227)
2019/5/26	8.0	5.812°S 75.270°W (Peru)	First TGE (second dis.)	198-216 (205)
1929/6/27	8.1	55.373°S 29.345°W (South Sandwich Islands)	First/Last TGE (fourth dis.)	N.A. (75)

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2021/8/13	8.1	58.375°S 25.264°W (South Sandwich Islands)	Only one TGE	214-216 (213)
1942/11/10	8.0	49.885°S 30.465°E (South of Africa)	Only one TGE	N.A. (161)

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