

**Supporting Information for**  
**“Global induced stress field from large earthquakes**  
**since 1900 and chained earthquake occurrence”**

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## Introduction

This supporting information provides the event information with a table.

## Event information

We calculate long-term cumulative Coulomb stress changes induced by 1,636 earthquakes (1,457 earthquakes with moment magnitudes  $\geq M_W 7.0$ , and 179 earthquakes with moment magnitudes  $M_W 6.4-6.9$ ) in 1900-2020. The event information used in the study is presented in Table S1.

**Table S1.** Source information of earthquakes. Event origin times, hypocenters, moment magnitudes ( $M_W$ ), focal mechanism solutions with strikes ( $\phi$ ), dips ( $\delta$ ), rakes ( $\lambda$ ), principal stress components for ambient stress fields ( $\sigma_1, \sigma_2, \sigma_3$ ), and subregions where the earthquakes belong are presented. The focal mechanism solutions of adjacent reference events are used instead when own focal mechanism solution are not available.

ID	date (yyyy-mm-dd)	lon ( $^\circ$ )	lat ( $^\circ$ )	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ ( $^\circ$ )	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ ( $^\circ$ )	zone
1	1900-01-05	102.00	-3.00	30.0	6.8	92/55/152	1351	236/90/326	8
2	1900-01-11	148.00	-5.00	30.0	6.8	82/83/4	1197	160/251/48	6, 7
3	1900-01-20	-105.00	20.00	30.0	7.3	309/14/93	1290	220/320/76	2, 3
4	1900-01-31	146.00	48.00	450.0	7.5	316/9/30	1383	128/34/296	5
5	1900-05-11	141.10	38.70	5.0	7.0	36/25/-39	1571	127/32/232	5
6	1900-06-21	-85.50	10.00	30.0	7.2	307/15/99	1529	218/127/31	2
7	1900-07-29	165.00	-10.00	30.0	7.6	69/83/178	1539	172/284/71	7
8	1900-09-17	148.00	-5.00	30.0	7.1	318/67/-164	1321	160/251/48	6, 7
9	1900-10-09	-153.48	57.09	30.0	7.7	357/63/-180	1344	151/243/341	4
10	1900-10-29	-66.00	11.00	30.0	7.7	212/35/43	1606	218/127/31	2
11	1900-11-09	-90.00	13.00	30.0	6.8	131/57/14	1608	218/127/31	2
12	1900-11-24	148.00	43.50	35.0	6.8	242/26/122	1408	128/34/296	5
13	1900-12-25	146.00	43.00	35.0	7.1	242/26/122	1408	128/34/296	5
14	1901-01-07	-82.00	-2.00	30.0	7.2	27/15/124	1328	279/11/178	1
15	1901-04-05	149.00	44.50	35.0	7.3	225/20/97	1103	128/34/296	5
16	1901-05-25	160.00	-10.00	30.0	7.2	296/37/30	1166	217/308/46	6, 7
17	1901-06-15	143.00	39.00	35.0	7.0	186/15/70	1136	108/200/306	5
18	1901-06-24	130.00	28.00	35.0	7.2	1/28/-118	1995	108/200/306	5, 6
19	1901-08-09	142.30	40.60	35.0	7.5	183/15/72	961	108/200/306	5
20	1901-08-09	142.50	40.50	35.0	7.2	183/15/72	961	108/200/306	5
21	1901-08-09	170.00	-22.00	35.0	7.9	324/29/95	1395	255/348/117	7
22	1901-10-08	-87.00	13.00	30.0	7.1	124/23/-94	1561	218/127/31	2
23	1901-11-25	127.00	3.00	30.0	6.8	171/45/60	1357	92/183/275	6, 8
24	1901-12-09	-110.00	26.00	30.0	7.1	131/74/-177	1525	355/115/262	2, 3
25	1901-12-14	122.00	14.00	30.0	6.8	19/43/83	1507	95/186/317	6

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
26	1901-12-31	-177.00	52.00	30.0	7.1	248/17/84	1302	153/58/305	4
27	1902-01-01	-165.00	55.00	30.0	6.8	243/17/92	1634	151/243/341	4
28	1902-01-12	122.00	3.00	30.0	6.8	93/22/88	1459	348/81/178	6, 8
29	1902-01-24	150.00	-8.00	30.0	7.2	257/30/82	1490	160/251/48	6, 7
30	1902-04-19	-91.00	14.00	30.0	7.5	296/19/89	1163	218/127/31	2
31	1902-05-02	144.00	39.00	35.0	7.0	193/13/81	1503	108/200/306	5
32	1902-09-22	146.00	18.00	30.0	7.5	192/34/132	1587	127/32/232	6
33	1902-09-23	-93.00	16.00	30.0	7.8	223/14/0	1292	220/320/76	2
34	1902-12-12	-114.00	29.00	30.0	7.1	131/74/-177	1525	355/115/262	3
35	1903-01-04	-175.00	-20.00	400.0	8.0	14/11/-93	1094	120/90/210	7
36	1903-01-14	-98.00	15.00	30.0	7.4	296/13/92	1521	220/320/76	2
37	1903-01-17	-170.00	50.00	30.0	6.8	15/10/-160	1508	152/60/318	4
38	1903-02-01	98.00	48.00	30.0	7.1	284/45/55	1213	189/60/279	-
39	1903-02-27	106.00	-8.00	0.0	7.3	54/46/117	1471	183/280/55	8
40	1903-04-29	-175.00	-20.00	30.0	7.1	14/11/-93	1094	120/90/210	7
41	1903-05-13	168.00	-17.00	30.0	6.8	353/33/126	1494	255/348/117	7
42	1903-12-28	127.00	7.00	30.0	7.1	175/45/63	1295	92/183/275	6, 8
43	1904-01-20	-79.00	7.00	30.0	7.2	249/36/-77	1396	90/264/358	2
44	1904-03-19	-71.00	-29.00	30.0	6.8	12/23/106	1198	80/169/67	1
45	1904-05-01	130.00	2.00	30.0	6.8	305/50/142	1200	156/66/0	6, 8
46	1904-06-07	135.00	39.00	350.0	7.3	31/23/137	1165	108/200/306	5
47	1904-06-25	159.00	52.00	30.0	7.6	206/31/83	1265	137/46/310	5
48	1904-06-25	159.00	52.00	30.0	7.5	206/31/83	1265	137/46/310	5
49	1904-06-27	159.00	52.00	30.0	7.2	206/31/83	1265	137/46/310	5
50	1904-08-24	131.00	30.00	35.0	7.1	27/13/105	1376	108/200/306	5, 6
51	1904-12-20	-83.00	8.50	30.0	7.2	310/25/110	1155	218/127/31	2
52	1905-01-22	123.00	1.00	90.0	7.7	109/7/102	1237	348/81/178	6, 8
53	1905-02-14	-178.00	53.00	30.0	7.2	248/17/84	1302	153/58/305	4

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
54	1905-03-18	168.00	-10.00	30.0	7.2	343/33/94	1512	255/348/117	7
55	1905-03-18	-173.00	-27.50	60.0	7.5	18/38/-67	1098	120/90/210	7
56	1905-03-22	180.00	50.00	30.0	6.8	280/19/122	1394	153/58/305	4, 5
57	1905-06-02	132.50	34.10	55.0	7.0	1/28/-118	1291	108/200/306	5
58	1905-06-14	-175.00	-20.00	30.0	6.8	14/11/-93	1094	120/90/210	7
59	1905-06-30	-175.00	-20.00	30.0	7.1	14/11/-93	1094	120/90/210	7
60	1905-07-06	141.80	37.40	35.0	7.1	200/12/85	1505	108/200/306	5
61	1905-07-09	99.00	49.00	15.0	8.5	284/45/55	1213	189/60/279	-
62	1905-07-11	97.30	49.50	20.0	6.8	284/45/55	1213	189/60/279	-
63	1905-07-11	143.00	22.00	450.0	7.2	73/49/50	1442	108/200/306	5, 6
64	1905-07-23	98.00	49.00	15.0	8.4	284/45/55	1213	189/60/279	-
65	1905-09-01	143.00	45.00	250.0	7.2	250/20/130	1391	128/34/296	5
66	1905-09-15	165.00	55.00	30.0	7.3	58/68/-19	1616	153/58/305	5
67	1905-12-17	-100.00	17.00	30.0	7.1	303/18/98	1557	220/320/76	2
68	1906-01-21	137.00	34.00	350.0	7.6	235/20/82	669	288/90/198	5
69	1906-01-31	-81.50	1.00	25.0	8.6	27/15/124	1328	279/11/178	2
70	1906-02-19	160.00	-10.00	30.0	7.1	296/37/30	1166	217/308/46	6, 7
71	1906-03-02	80.00	43.00	60.0	7.3	358/41/-110	1453	38/142/298	-
72	1906-04-10	-110.00	20.00	30.0	7.2	131/74/-177	1525	355/115/262	2, 3
73	1906-04-13	120.40	23.60	5.0	7.1	3/30/61	1339	95/186/317	5, 6
74	1906-04-18	-123.00	38.00	10.0	7.9	325/90/180	-	19/90/109	3
75	1906-06-01	145.00	0.00	30.0	7.1	82/83/4	1197	160/251/48	6, 7
76	1906-06-24	92.00	15.00	60.0	7.3	94/61/-12	1369	38/142/298	-
77	1906-08-17	179.00	51.00	35.0	7.8	289/22/137	1386	153/58/305	4, 5
78	1906-08-17	-72.00	-33.00	25.0	8.5	6/19/101	1573	265/172/71	1
79	1906-08-26	149.00	-4.00	30.0	6.8	82/83/4	1197	160/251/48	6, 7
80	1906-08-30	-70.00	-21.00	30.0	7.1	358/14/103	1226	80/169/67	1
81	1906-09-07	141.00	34.00	35.0	6.8	36/25/-39	1571	127/32/232	5

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
82	1906-09-14	149.00	-7.00	30.0	8.0	275/25/100	1342	160/251/48	6, 7
83	1906-09-28	-79.00	-2.00	150.0	7.4	27/21/124	1585	279/11/178	1
84	1906-10-02	149.00	-4.00	30.0	7.2	275/25/100	1342	160/251/48	6, 7
85	1906-10-17	121.00	19.00	60.0	7.3	3/30/61	1339	95/186/317	6
86	1906-11-19	109.00	-22.00	30.0	7.2	161/63/-5	1352	236/90/326	-
87	1906-12-03	-61.00	15.00	100.0	7.2	109/58/-32	1446	206/3/115	2
88	1906-12-19	-172.00	-19.00	30.0	7.2	14/11/-93	1094	120/90/210	7
89	1906-12-22	85.00	43.50	30.0	7.2	94/61/-12	1369	38/142/298	-
90	1906-12-23	-153.90	56.85	30.0	7.2	357/63/-180	1344	151/243/341	4
91	1906-12-26	-73.00	-20.00	30.0	6.8	310/18/63	1264	80/169/67	1
92	1907-01-02	-175.10	-21.10	30.0	7.3	198/22/101	1152	120/90/210	7
93	1907-01-04	94.50	2.00	50.0	7.5	342/15/101	1411	236/90/326	8
94	1907-02-03	148.00	-6.00	60.0	7.2	275/25/100	1342	160/251/48	6, 7
95	1907-03-29	122.00	3.00	500.0	7.2	93/22/88	1459	348/81/178	6, 8
96	1907-03-31	-177.00	-18.00	400.0	7.2	14/11/-93	1094	120/90/210	7
97	1907-04-15	-100.00	17.00	35.0	7.9	303/18/98	1557	220/320/76	2
98	1907-04-18	123.00	14.00	30.0	7.1	339/70/-178	1275	92/183/275	6
99	1907-04-18	123.00	13.50	30.0	6.8	19/43/83	1507	92/183/275	6
100	1907-05-04	153.70	-7.50	60.0	7.7	323/43/-68	1204	160/251/48	6, 7
101	1907-05-25	148.00	50.50	600.0	7.3	227/19/104	1274	128/34/296	5
102	1907-06-01	-82.00	0.00	30.0	6.8	27/15/124	1328	279/11/178	1, 2
103	1907-06-05	-86.00	0.00	30.0	6.8	27/15/124	1328	279/11/178	1, 2
104	1907-06-25	127.00	1.00	200.0	7.4	34/35/108	1432	92/183/275	6, 8
105	1907-08-17	157.00	52.00	120.0	7.2	324/39/-29	1582	149/57/253	5
106	1907-09-02	173.00	52.00	30.0	7.4	280/19/122	1394	153/58/305	4, 5
107	1907-10-16	-112.50	28.00	30.0	7.2	131/74/-177	1525	355/115/262	3
108	1907-12-30	-86.30	12.10	30.0	7.2	124/23/-94	1561	218/127/31	2
109	1908-01-15	141.80	37.30	35.0	6.9	200/12/85	1505	108/200/306	5

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
110	1908-02-09	100.00	26.00	60.0	7.1	333/78/174	1216	189/60/279	-
111	1908-03-26	-99.00	18.00	80.0	7.7	300/44/-83	1598	220/320/76	2
112	1908-03-27	100.50	17.00	30.0	7.1	333/78/174	1216	189/60/279	-
113	1908-05-15	-141.00	59.00	30.0	6.8	271/13/96	1114	151/243/341	4
114	1908-12-12	97.00	26.50	30.0	7.2	284/45/55	1213	189/60/279	-
115	1909-02-22	-179.00	-18.00	550.0	7.4	14/11/-93	1094	120/90/210	7
116	1909-03-13	141.50	34.50	35.0	7.6	206/10/90	1504	127/219/318	5
117	1909-04-10	175.00	52.00	0.0	7.3	280/19/122	1394	153/58/305	4, 5
118	1909-04-14	122.50	25.00	5.0	7.2	239/53/158	1112	95/186/317	5, 6
119	1909-04-25	127.00	4.00	100.0	7.0	177/38/83	1464	92/183/275	6, 8
120	1909-04-27	147.00	0.00	30.0	7.1	82/83/4	1197	160/251/48	6, 7
121	1909-05-17	-64.00	-20.00	250.0	7.1	181/27/-73	1087	80/169/67	1
122	1909-05-30	131.00	-8.00	100.0	7.2	89/53/37	1256	156/66/0	6, 8
123	1909-06-03	101.00	-2.00	30.0	7.3	320/15/104	1440	236/90/326	8
124	1909-06-08	-70.50	-26.50	30.0	7.3	9/20/110	1160	265/172/71	1
125	1909-07-30	-100.50	17.00	30.0	7.3	303/18/98	1557	220/320/76	2
126	1909-08-18	172.00	-22.00	100.0	7.2	300/17/120	1126	255/348/117	7
127	1909-09-08	-169.00	52.50	90.0	7.3	15/10/-160	1508	152/60/318	4
128	1909-11-10	131.10	32.30	150.0	7.5	27/13/105	1376	108/200/306	5
129	1909-11-21	122.00	25.50	5.0	7.0	3/30/61	1339	134/225/320	5, 6
130	1909-12-09	161.00	-8.00	30.0	6.9	91/43/77	1556	217/308/46	7
131	1910-01-01	-84.00	16.50	60.0	7.1	76/87/3	1600	25/160/294	2
132	1910-02-04	168.00	-17.00	30.0	7.0	353/33/126	1494	255/348/117	7
133	1910-02-12	138.00	33.00	350.0	7.3	86/17/168	1469	288/90/198	5
134	1910-03-30	170.00	-21.00	80.0	7.2	17/28/164	1188	255/348/117	7
135	1910-04-12	123.00	25.00	200.0	7.7	214/64/-172	1086	92/183/275	5, 6
136	1910-04-20	-177.00	-20.00	330.0	7.0	14/11/-93	1094	120/90/210	7
137	1910-05-01	169.00	-20.00	80.0	7.1	340/30/101	1454	255/348/117	7

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
138	1910-05-31	-105.00	10.00	30.0	6.9	309/14/93	1290	220/320/76	2
139	1910-06-01	169.00	-20.00	80.0	7.4	340/30/101	1454	255/348/117	7
140	1910-06-01	169.00	-20.00	80.0	7.2	340/30/101	1454	255/348/117	7
141	1910-06-16	169.50	-19.00	100.0	7.9	312/36/-90	1615	255/348/117	7
142	1910-06-29	-176.00	-32.00	30.0	7.3	270/56/158	1194	120/90/210	7
143	1910-08-21	-179.00	-17.00	600.0	7.2	14/11/-93	1094	120/90/210	7
144	1910-09-01	122.00	21.00	30.0	6.8	3/30/61	1339	134/225/320	5, 6
145	1910-09-06	-70.00	-25.00	30.0	7.1	9/20/110	1160	265/172/71	1
146	1910-09-07	151.00	-6.00	80.0	7.2	242/34/72	1610	160/251/48	6, 7
147	1910-09-09	-176.00	51.50	25.0	6.8	274/21/118	1448	153/58/305	4
148	1910-10-04	-69.00	-22.00	120.0	7.2	85/4/-175	1310	80/169/67	1
149	1910-11-09	166.00	-16.00	70.0	7.7	262/68/13	1186	255/348/117	7
150	1910-11-10	166.50	-14.00	90.0	7.2	347/44/96	1487	255/348/117	7
151	1910-11-26	167.00	-14.00	50.0	7.3	347/44/96	1487	255/348/117	7
152	1910-12-10	162.50	-11.00	50.0	7.3	17/63/159	1555	172/284/71	7
153	1910-12-14	-178.00	-21.00	600.0	7.0	14/11/-93	1094	120/90/210	7
154	1910-12-16	126.50	4.50	0.0	7.6	177/38/83	1464	92/183/275	6, 8
155	1911-04-10	-74.00	9.00	100.0	7.2	270/45/167	1254	90/264/358	2
156	1911-05-04	157.00	51.00	240.0	7.5	324/39/-29	1582	149/57/253	5
157	1911-06-07	-102.50	17.50	30.0	7.7	300/14/61	1183	220/320/76	2
158	1911-06-15	130.00	28.00	90.0	8.0	1/28/-118	1995	108/200/306	5, 6
159	1911-07-05	117.50	-7.50	370.0	7.0	260/24/-73	1096	183/280/55	6, 8
160	1911-07-12	126.00	9.00	30.0	7.5	176/34/66	1222	92/183/275	6, 8
161	1911-08-16	137.00	7.00	30.0	7.7	103/11/69	1297	335/200/65	6, 8
162	1911-08-21	-176.00	-21.00	300.0	7.2	257/17/-30	1314	120/90/210	7
163	1911-09-06	143.00	46.00	350.0	7.2	250/20/130	1391	128/34/296	5
164	1911-09-15	-72.00	-20.00	30.0	7.1	312/33/61	1308	250/154/20	1
165	1911-09-17	180.00	51.00	30.0	7.1	274/21/118	1448	153/58/305	4, 5



**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
166	1911-10-20	166.00	-12.50	160.0	7.1	351/31/102	1130	255/348/117	7
167	1911-11-22	169.00	-15.00	200.0	7.2	340/30/101	1454	255/348/117	7
168	1911-12-16	-100.50	17.00	50.0	7.6	303/18/98	1557	220/320/76	2
169	1912-05-23	97.00	21.00	30.0	7.7	284/45/55	1213	189/60/279	-
170	1912-08-06	167.00	-14.00	260.0	7.2	347/44/96	1487	255/348/117	7
171	1912-08-17	127.00	4.00	30.0	7.3	177/38/83	1464	92/183/275	6, 8
172	1912-09-01	155.00	-4.50	430.0	7.0	298/37/65	1595	217/308/46	6, 7
173	1912-09-29	138.00	7.00	50.0	7.5	103/11/69	1297	335/200/65	6, 8
174	1912-10-26	146.00	14.00	130.0	7.0	172/3/11	1375	127/32/232	6
175	1912-11-07	-155.00	57.50	90.0	7.4	357/63/-180	1344	151/243/341	4
176	1912-12-07	-62.50	-29.00	620.0	7.4	15/26/-60	1238	265/172/71	1
177	1912-12-09	-93.00	15.50	30.0	7.1	223/14/0	1292	220/320/76	2
178	1913-01-11	122.00	1.50	30.0	7.2	93/22/88	1459	348/81/178	6, 8
179	1913-02-20	144.00	41.00	30.0	6.8	250/20/130	1391	128/34/296	5
180	1913-03-14	126.50	4.50	35.0	7.9	177/38/83	1464	92/183/275	6, 8
181	1913-03-23	142.00	24.00	80.0	7.0	73/49/50	1442	108/200/306	5, 6
182	1913-04-25	128.80	9.50	0.0	7.2	176/34/66	1222	92/183/275	6, 8
183	1913-05-18	145.50	14.50	30.0	6.8	131/30/31	1367	127/32/232	6
184	1913-05-30	154.00	-5.00	30.0	7.7	140/30/91	1419	217/308/46	6, 7
185	1913-06-26	-174.00	-20.00	30.0	7.7	14/11/-93	1094	120/90/210	7
186	1913-08-06	-74.00	-17.00	30.0	7.8	310/18/63	1364	250/154/20	1
187	1913-08-13	105.00	-5.50	75.0	7.2	315/16/103	1361	183/280/55	8
188	1913-10-14	169.00	-19.50	230.0	7.7	327/17/72	1233	255/348/117	7
189	1913-11-10	169.00	-18.00	80.0	7.4	350/28/104	1145	255/348/117	7
190	1913-11-15	171.00	-23.00	150.0	7.0	280/35/-99	1281	255/348/117	7
191	1913-12-21	102.00	24.50	30.0	7.2	333/78/174	1216	189/60/279	-
192	1914-01-30	-73.00	-35.00	30.0	7.5	18/18/109	1482	272/181/89	1
193	1914-02-26	-67.00	-18.00	130.0	7.2	176/20/-87	1201	80/169/67	1

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
194	1914-03-14	140.40	39.50	5.0	6.9	1/28/-118	1291	108/200/306	5
195	1914-03-30	-92.00	17.00	150.0	7.2	223/14/0	1292	220/320/76	2
196	1914-04-11	163.00	-12.00	50.0	7.2	17/63/159	1555	172/284/71	7
197	1914-05-26	137.00	-2.00	35.0	7.9	332/80/-172	1489	335/200/65	6, 8
198	1914-06-20	166.00	-12.00	50.0	6.8	351/31/102	1130	255/348/117	7
199	1914-06-25	102.50	-4.50	30.0	7.6	315/16/103	1361	236/90/326	8
200	1914-07-04	129.00	-5.50	200.0	7.1	43/42/-44	1424	156/66/0	6, 8
201	1914-08-04	91.50	43.50	30.0	7.2	79/69/2	1317	38/142/298	-
202	1914-10-03	-61.00	16.00	100.0	7.3	109/58/-32	1446	206/3/115	2
203	1914-10-11	94.00	12.00	80.0	7.2	39/36/-92	1470	236/90/326	-
204	1914-10-23	132.50	6.00	30.0	7.6	94/28/50	1461	335/200/65	6, 8
205	1914-11-22	176.00	-39.00	100.0	7.0	80/61/-12	1369	120/90/210	7
206	1914-11-24	143.00	22.00	110.0	7.7	73/49/50	1442	108/200/306	5, 6
207	1915-01-05	123.30	25.10	150.0	7.2	3/30/61	1339	95/186/317	5, 6
208	1915-01-05	168.00	-15.00	200.0	7.2	353/33/126	1494	255/348/117	7
209	1915-02-25	180.00	-20.00	600.0	7.1	305/57/14	1608	120/90/210	7
210	1915-02-28	123.50	23.60	30.0	7.7	3/30/61	1339	95/186/317	5, 6
211	1915-03-17	143.60	42.10	35.0	7.2	208/18/86	1016	128/34/296	5
212	1915-05-01	154.50	47.50	35.0	7.9	220/16/95	1429	149/57/253	5
213	1915-06-06	-68.50	-18.50	160.0	7.2	176/20/-87	1201	80/169/67	1
214	1915-07-31	162.00	54.00	30.0	7.5	202/23/74	1320	137/46/310	5
215	1915-08-06	150.50	43.00	30.0	7.1	226/16/99	1242	149/57/253	5
216	1915-09-07	-89.00	14.00	80.0	7.3	121/35/-95	1359	218/127/31	2
217	1915-10-03	-117.50	40.50	30.0	7.6	137/88/-178	1625	19/90/109	3
218	1915-10-08	139.10	32.80	200.0	7.0	86/17/168	1469	288/90/198	5
219	1915-11-01	142.90	38.30	35.0	7.0	186/15/70	1136	108/200/306	5
220	1915-11-01	143.00	38.00	35.0	7.0	186/15/70	1136	108/200/306	5
221	1915-11-18	143.10	37.70	35.0	7.0	200/12/85	1505	108/200/306	5

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
222	1915-11-21	-115.00	32.00	30.0	6.8	313/88/-174	1484	19/90/109	3
223	1915-12-03	91.50	29.50	30.0	6.8	79/69/2	1317	38/142/298	-
224	1916-01-01	154.00	-4.00	30.0	7.7	319/47/-110	1546	217/308/46	6, 7
225	1916-01-13	135.50	-3.00	30.0	7.6	5/34/0	1407	335/200/65	6, 7
226	1916-01-13	136.00	-3.00	30.0	7.3	5/34/0	1407	335/200/65	6, 8
227	1916-02-01	131.50	29.50	30.0	7.4	227/12/90	957	288/90/198	5, 6
228	1916-02-06	178.50	48.50	30.0	7.7	289/22/137	1386	153/58/305	4, 5
229	1916-02-27	-90.00	12.00	30.0	7.3	131/57/14	1608	218/127/31	2
230	1916-04-18	-170.00	53.25	170.0	7.3	15/10/-160	1508	152/60/318	4
231	1916-04-21	141.80	32.50	35.0	6.8	200/12/85	1505	108/200/306	5
232	1916-04-24	-85.00	11.00	30.0	7.2	121/35/-95	1359	218/127/31	2
233	1916-04-24	-68.00	18.50	80.0	7.0	170/59/14	1479	26/226/119	2
234	1916-04-26	-85.00	10.00	30.0	6.8	131/57/14	1608	218/127/31	2
235	1916-06-02	-95.00	17.50	150.0	7.0	223/14/0	1292	220/320/76	2
236	1916-06-21	-63.00	-28.50	600.0	7.3	15/26/-60	1238	265/172/71	1
237	1916-07-08	180.00	-18.00	600.0	7.1	305/57/14	1608	120/90/210	7
238	1916-07-27	96.50	4.00	100.0	7.0	338/28/99	1080	236/90/326	8
239	1916-08-03	144.50	-4.00	30.0	7.1	320/19/114	1192	239/332/105	6, 7
240	1916-08-25	-68.00	-21.00	180.0	7.0	181/27/-73	1087	80/169/67	1
241	1916-08-28	81.00	30.00	30.0	7.2	358/41/-110	1453	38/142/298	-
242	1916-08-28	120.50	23.90	5.0	7.2	3/30/61	1339	95/186/317	5, 6
243	1916-09-11	113.00	-9.00	100.0	7.1	278/7/89	1268	183/280/55	6, 8
244	1916-09-15	141.20	34.40	35.0	7.1	206/10/90	1504	127/219/318	5
245	1916-10-03	-74.50	-14.00	30.0	6.8	305/38/79	1601	250/154/20	1
246	1916-10-31	154.00	45.40	30.0	7.6	220/39/-106	1431	149/57/253	5
247	1917-01-30	163.00	56.50	30.0	7.7	58/68/-19	1616	153/58/305	5
248	1917-02-20	-78.50	19.50	30.0	7.2	170/59/14	1479	26/226/119	2
249	1917-05-01	-177.00	-29.00	35.0	8.0	195/29/90	1313	120/90/210	7

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
250	1917-05-31	-160.00	54.50	35.0	7.9	243/17/92	1634	151/243/341	4
251	1917-06-26	-173.00	-15.50	10.0	8.4	14/11/-93	1094	120/90/210	7
252	1917-07-04	123.00	25.00	30.0	7.3	214/64/-172	1086	92/183/275	5, 6
253	1917-07-04	123.00	25.00	30.0	6.9	214/64/-172	1086	92/183/275	5, 6
254	1917-07-27	-67.50	19.00	50.0	6.8	109/58/-32	1446	206/3/115	2
255	1917-07-29	141.00	-3.50	30.0	7.7	9/59/153	1081	239/332/105	6, 7
256	1917-07-29	144.00	41.00	30.0	6.8	250/20/130	1391	128/34/296	5
257	1917-07-30	104.00	29.00	30.0	7.5	231/35/138	1456	189/60/279	-
258	1917-07-31	131.00	42.00	500.0	7.4	27/13/105	1376	108/200/306	5
259	1917-08-30	128.00	-7.50	100.0	7.7	74/39/59	1161	156/66/0	6, 8
260	1917-08-31	-74.00	4.00	30.0	6.9	270/45/167	1254	90/264/358	2
261	1917-11-04	96.80	4.80	30.0	6.8	307/7/88	1485	236/90/326	8
262	1917-11-16	-177.50	-29.00	30.0	7.5	206/34/103	1077	120/90/210	7
263	1918-01-30	136.74	45.45	330.4	7.6	31/23/137	1165	108/200/306	5
264	1918-02-07	126.69	6.78	218.1	7.4	175/45/63	1295	92/183/275	6, 8
265	1918-02-13	117.24	23.54	15.0	7.4	339/70/-178	1275	92/183/275	6
266	1918-04-10	130.92	43.48	564.9	7.2	27/13/105	1376	108/200/306	5
267	1918-05-20	-71.89	-28.90	35.0	7.4	9/20/110	1160	265/172/71	1
268	1918-05-22	-176.49	-17.47	35.0	7.0	14/11/-93	1094	120/90/210	7
269	1918-07-03	143.22	-3.47	35.0	7.4	106/34/43	1379	239/332/105	6, 7
271	1918-08-15	123.56	5.65	35.0	8.0	172/25/-74	1175	92/183/275	6, 8
272	1918-09-07	150.25	46.81	242.4	8.0	134/20/-21	1543	149/57/253	5
273	1918-10-11	-67.63	18.47	35.0	7.5	170/59/14	1479	26/226/119	2
274	1918-10-27	150.28	-1.12	35.0	7.3	257/30/82	1490	160/251/48	6, 7
275	1918-11-08	152.78	43.82	63.5	7.5	226/16/99	1242	149/57/253	5
276	1918-11-18	129.21	-7.17	35.0	7.7	289/37/111	1330	156/66/0	6, 8
277	1918-11-23	126.57	-8.28	217.9	7.2	354/41/-140	1148	156/66/0	6, 8

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
278	1918-12-04	-73.46	-27.28	25.0	7.6	5/13/97	1502	272/181/89	1
279	1919-01-01	126.94	7.18	35.0	7.2	175/45/63	1295	92/183/275	6, 8
280	1919-01-01	-177.91	-19.97	202.7	7.7	14/11/-93	1094	120/90/210	7
281	1919-03-02	-76.45	-42.28	15.0	7.2	3/46/-102	1481	272/181/89	1
282	1919-03-02	-72.22	-41.40	15.0	7.3	356/16/80	1593	272/181/89	1
283	1919-04-30	-172.22	-19.82	35.0	8.2	196/43/90	1215	120/90/210	7
284	1919-05-03	145.23	41.01	35.0	7.5	312/18/147	1262	127/32/232	5
285	1919-05-06	152.63	-5.48	232.8	7.7	260/29/90	1565	160/251/48	6, 7
286	1919-06-01	123.32	27.07	35.0	7.0	3/30/61	1339	95/186/317	5, 6
287	1919-08-18	-178.11	-19.76	214.6	7.2	14/11/-93	1094	120/90/210	7
288	1919-08-31	167.34	-15.88	35.0	7.2	328/36/84	1586	255/348/117	7
289	1919-12-20	121.21	23.54	35.0	6.8	224/36/123	1107	95/186/317	5, 6
290	1920-02-02	151.69	-6.47	35.0	7.7	245/33/77	1567	160/251/48	6, 7
291	1920-02-22	146.24	47.25	355.1	7.0	316/9/30	1383	128/34/296	5
292	1920-03-20	-110.83	-35.70	15.0	6.8	158/68/-1	-	285/195/105	-
293	1920-06-05	122.08	23.81	35.0	8.0	3/30/61	1339	95/186/317	5, 6
294	1920-09-20	168.53	-19.92	35.0	7.9	340/30/101	1454	255/348/117	7
295	1920-10-18	149.40	45.55	35.0	6.9	242/26/122	1408	128/34/296	5
296	1920-12-10	-74.99	-39.46	35.0	7.3	5/13/97	1502	272/181/89	1
297	1920-12-16	105.32	36.60	25.0	8.6	231/35/138	1456	189/60/279	-
298	1921-02-04	-90.78	15.41	35.0	7.4	254/73/-10	1076	25/160/294	2
299	1921-02-27	-173.19	-18.65	35.0	7.2	14/11/-93	1094	120/90/210	7
300	1921-03-28	-87.36	13.36	35.0	7.4	124/23/-94	1561	218/127/31	2
301	1921-07-04	129.92	28.89	35.0	7.2	91/80/9	1480	134/225/320	5, 6
302	1921-09-11	110.18	-13.10	25.0	7.5	161/63/-5	1352	236/90/326	8
303	1921-10-20	-68.96	-20.06	113.6	7.2	182/23/-81	1415	80/169/67	1
304	1921-11-11	127.26	7.90	35.0	7.3	176/34/66	1222	92/183/275	6, 8
305	1921-12-08	140.20	36.00	35.0	7.0	1/28/-118	1291	108/200/306	5

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
306	1921-12-18	-71.22	-4.04	544.8	7.4	166/33/-94	1622	279/11/178	1
307	1922-01-06	-76.39	-20.41	25.0	7.1	312/33/61	1308	250/154/20	1
308	1922-01-17	-71.86	-6.48	358.5	7.3	353/47/-65	1388	247/337/68	1
309	1922-01-31	-125.55	40.70	15.0	7.2	47/85/2	1416	177/22/268	3
310	1922-03-04	157.18	52.92	241.4	7.1	324/39/-29	1582	149/57/253	5
311	1922-03-28	-68.13	-21.45	136.4	7.1	181/27/-73	1087	80/169/67	1
312	1922-09-01	122.04	24.51	35.0	7.5	3/30/61	1339	134/225/320	5, 6
313	1922-09-14	122.64	24.38	35.0	7.1	214/64/-172	1086	92/183/275	5, 6
314	1922-10-11	-72.39	-16.13	160.0	7.5	310/18/63	1364	250/154/20	1
315	1922-10-24	152.19	47.27	35.0	7.2	220/16/95	1429	149/57/253	5
316	1922-11-07	-72.19	-28.44	25.0	6.8	6/19/101	-	272/181/89	1
317	1922-11-11	-70.76	-28.55	35.0	8.7	9/20/110	1160	265/172/71	1
318	1922-12-31	150.81	45.74	35.0	6.8	242/26/122	1408	149/57/253	5
319	1923-01-22	-125.32	40.49	15.0	7.1	47/85/2	1416	177/22/268	3
320	1923-02-02	161.52	54.02	35.0	7.1	202/23/74	1320	137/46/310	5
321	1923-02-03	160.76	53.85	35.0	8.5	202/23/74	1320	137/46/310	5
322	1923-02-24	162.62	55.94	35.0	7.2	58/68/-19	1616	153/58/305	5
323	1923-03-02	124.93	7.49	86.6	7.1	341/35/92	1085	92/183/275	6, 8
324	1923-03-16	127.06	6.50	35.0	6.8	171/45/60	1357	92/183/275	6, 8
325	1923-03-24	101.26	30.55	25.0	7.2	333/78/174	1216	189/60/279	-
326	1923-04-13	162.59	55.42	35.0	7.1	58/68/-19	1616	153/58/305	5
327	1923-05-04	-156.99	55.77	25.0	6.8	247/8/95	1220	151/243/341	4
328	1923-06-01	141.77	35.67	35.0	7.1	203/14/86	1151	127/219/318	5
329	1923-06-01	142.00	36.00	35.0	7.1	203/14/86	1151	108/200/306	5
330	1923-06-22	98.68	22.59	25.0	7.2	284/45/55	1213	189/60/279	-
331	1923-07-13	130.90	31.00	35.0	6.8	27/13/105	1376	108/200/306	5
332	1923-09-01	139.08	35.41	14.6	8.1	290/25/140	-	108/200/306	5
333	1923-09-01	139.50	35.10	35.0	7.3	290/25/140	332	108/200/306	5

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
334	1923-09-01	139.80	35.40	35.0	7.0	290/25/140	332	108/200/306	5
335	1923-09-02	140.20	34.90	35.0	7.6	1/28/-118	1291	108/200/306	5
336	1923-09-02	140.50	34.90	35.0	7.1	1/28/-118	1291	108/200/306	5
337	1923-09-09	90.32	24.94	35.0	6.8	94/61/-12	1369	38/142/298	-
338	1923-10-07	129.49	-1.20	35.0	7.2	43/42/-44	1424	156/66/0	6, 8
339	1923-11-02	154.23	-4.65	145.1	7.2	292/41/-106	1568	217/308/46	6, 7
340	1923-11-05	129.64	29.65	35.0	7.1	91/80/9	1480	134/225/320	5, 6
341	1924-01-14	139.20	35.50	5.0	7.3	290/25/140	332	108/200/306	5
342	1924-01-16	-177.91	-22.03	350.0	7.0	167/18/-131	1250	120/90/210	7
343	1924-03-04	-83.84	9.56	35.0	6.8	131/57/14	1608	90/264/358	2
344	1924-04-14	125.95	7.02	35.0	8.2	175/45/63	1295	92/183/275	6, 8
345	1924-05-04	-178.44	-21.50	561.9	7.2	213/20/-99	1307	120/90/210	7
346	1924-05-06	118.95	15.94	35.0	6.8	112/13/-169	1345	224/134/326	6
347	1924-05-28	145.75	48.39	431.8	7.0	316/9/30	1383	128/34/296	5
348	1924-06-30	147.42	44.74	139.6	7.2	158/41/24	1273	128/34/296	5
349	1924-07-03	83.90	36.63	35.0	7.1	358/41/-110	1453	38/142/298	-
350	1924-07-11	83.96	36.79	35.0	7.1	358/41/-110	1453	38/142/298	-
351	1924-07-24	159.82	-49.86	35.0	6.8	65/62/-178	1150	208/338/117	7
352	1924-08-14	141.89	36.13	35.0	6.8	203/14/86	1151	108/200/306	5
353	1924-08-30	126.53	8.65	35.0	7.2	176/34/66	1222	92/183/275	6, 8
354	1924-12-27	146.37	44.16	35.0	7.0	213/15/89	1125	128/34/296	5
355	1924-12-28	146.58	43.40	35.0	6.8	242/26/122	1408	128/34/296	5
356	1925-01-18	153.64	47.91	35.0	7.2	220/16/95	1429	149/57/253	5
357	1925-02-20	150.50	45.50	35.0	7.0	235/28/113	1296	149/57/253	5
358	1925-03-22	168.53	-18.58	35.0	7.1	334/29/92	1511	255/348/117	7
359	1925-04-16	121.11	21.80	35.0	6.8	224/36/123	1107	95/186/317	5, 6
360	1925-05-03	126.58	1.22	35.0	6.8	171/45/60	1357	92/183/275	6, 8
361	1925-05-15	-70.55	-25.50	35.0	6.8	353/17/87	1208	80/169/67	1

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
362	1925-06-03	126.19	1.47	35.0	6.8	171/45/60	1357	92/183/275	6, 8
363	1925-06-09	143.10	-4.14	35.0	6.8	106/34/43	1379	239/332/105	6, 7
364	1925-08-19	167.68	55.13	35.0	6.8	207/40/76	1425	351/220/83	5
365	1925-11-10	130.27	-0.63	35.0	7.2	305/50/142	1200	156/66/0	6, 8
366	1925-11-13	124.85	12.73	35.0	7.2	145/16/65	1280	92/183/275	6
367	1925-11-16	-106.81	18.38	25.0	6.8	309/14/93	1290	220/320/76	2
368	1926-01-25	159.03	-9.99	35.0	7.2	283/25/64	1091	217/308/46	6, 7
369	1926-02-08	-88.76	12.01	35.0	7.1	284/15/76	1527	218/127/31	2
370	1926-03-27	160.55	-8.56	35.0	7.1	65/62/-178	1150	208/338/117	7
371	1926-04-12	160.63	-10.71	35.0	7.2	178/57/140	1384	217/308/46	7
372	1926-04-28	-68.16	-22.67	35.0	7.1	85/4/-175	1310	80/169/67	1
373	1926-06-03	168.19	-15.05	77.2	7.1	353/33/126	1494	255/348/117	7
374	1926-06-29	127.47	26.99	142.2	7.3	91/80/9	1480	134/225/320	5, 6
375	1926-08-25	171.82	-23.01	35.0	6.8	303/29/98	1557	255/348/117	7
376	1926-09-10	110.70	-9.15	35.0	7.0	278/7/89	1268	183/280/55	6, 8
377	1926-10-03	161.70	-49.81	15.0	7.3	69/74/167	1409	293/26/202	7
378	1926-10-13	-175.36	51.77	35.0	6.8	274/21/118	1448	152/60/318	4
379	1926-10-26	139.10	-3.22	35.0	7.5	9/59/153	1081	239/332/105	6, 8
380	1926-11-05	-86.74	12.67	35.0	7.1	124/23/-94	1561	218/127/31	2
381	1927-01-24	168.23	-18.39	35.0	6.8	353/33/126	1494	255/348/117	7
382	1927-02-16	153.07	46.62	35.0	6.8	242/26/122	1408	149/57/253	5
383	1927-03-03	121.81	-6.62	35.0	6.8	80/40/95	1255	156/66/0	6, 8
384	1927-03-07	134.92	35.80	9.6	7.1	31/23/137	1165	108/200/306	5
385	1927-04-01	-177.48	-19.80	35.0	7.0	14/11/-93	1094	120/90/210	7
386	1927-04-14	-69.68	-32.48	35.0	7.2	183/44/90	1100	272/181/89	1
387	1927-04-19	120.45	15.25	139.1	7.1	112/13/-169	1345	95/186/317	6
388	1927-05-22	102.31	37.39	25.0	7.7	333/78/174	1216	189/60/279	-
389	1927-06-03	130.96	-7.07	169.0	7.2	89/53/37	1256	156/66/0	6, 8



**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
390	1927-08-05	142.19	37.87	35.0	6.8	200/12/85	1505	108/200/306	5
391	1927-08-10	131.67	-0.53	35.0	7.1	43/42/-44	1424	156/66/0	6, 8
392	1927-10-24	-136.37	57.44	15.0	6.8	333/60/179	1536	216/124/24	3, 4
393	1927-11-04	-121.03	34.92	15.0	6.8	137/88/-178	1625	19/90/109	3
394	1927-11-21	-73.62	-45.11	15.0	7.1	356/16/80	1593	272/181/89	1
395	1927-11-26	-66.96	-24.32	179.3	7.0	214/12/-62	1350	80/169/67	1
396	1927-12-28	160.04	55.66	35.0	7.5	202/23/74	1320	137/46/310	5
397	1928-03-09	88.80	-2.95	15.0	7.7	107/83/-177	1523	236/90/326	8
398	1928-03-13	153.87	-7.21	35.0	7.0	323/43/-68	1204	160/251/48	6, 7
399	1928-03-16	170.48	-22.28	35.0	7.5	356/27/172	1173	255/348/117	7
400	1928-03-22	-96.51	16.13	35.0	7.5	274/7/57	1110	220/320/76	2
401	1928-03-29	137.73	31.68	433.9	7.0	18/19/133	1102	288/90/198	5
402	1928-05-14	-78.56	-5.26	35.0	7.2	339/35/-86	1157	279/11/178	1
403	1928-05-27	143.00	39.81	35.0	6.8	186/15/70	1136	108/200/306	5
404	1928-06-15	120.82	12.73	35.0	6.8	19/43/83	1507	224/134/326	6
405	1928-06-17	-97.04	16.03	35.0	7.7	295/50/-87	1340	220/320/76	2
406	1928-06-29	170.70	-15.66	35.0	6.8	353/33/126	1494	255/348/117	7
407	1928-08-04	-98.27	16.42	35.0	7.2	296/13/92	1521	220/320/76	2
408	1928-08-12	127.24	1.83	35.0	7.0	15/39/67	1627	92/183/275	6, 8
409	1928-08-24	168.50	-14.29	220.0	7.0	262/68/13	1186	255/348/117	7
410	1928-10-09	-97.55	16.23	35.0	7.5	292/13/83	1603	220/320/76	2
411	1928-12-01	-71.68	-35.09	35.0	7.7	18/18/109	1482	272/181/89	1
412	1928-12-19	124.86	6.98	35.0	7.3	175/45/63	1295	92/183/275	6, 8
413	1929-01-13	154.87	50.45	35.0	7.3	220/39/-106	1431	149/57/253	5
414	1929-03-07	-169.52	50.79	25.0	7.8	15/10/-160	1508	152/60/318	4
415	1929-05-26	-130.57	51.24	15.0	6.8	327/80/-173	1449	19/90/109	3, 4
416	1929-06-04	125.64	6.02	35.0	7.1	158/14/-114	1412	92/183/275	6, 8
417	1929-06-13	126.81	7.95	35.0	7.1	176/34/66	1222	92/183/275	6, 8

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
418	1929-06-16	172.29	-41.83	35.0	7.5	226/33/141	1590	105/330/195	7
419	1929-07-05	-178.14	51.42	35.0	6.8	274/21/118	1448	153/58/305	4
420	1929-07-07	-177.91	51.35	35.0	7.2	248/17/84	1302	153/58/305	4
421	1929-10-19	-68.74	-23.04	35.0	7.3	214/12/-62	1350	80/169/67	1
422	1929-11-15	142.74	7.52	25.0	6.8	146/19/127	1327	239/332/105	6
423	1929-12-17	171.51	53.78	35.0	7.7	280/19/122	1394	153/58/305	4, 5
424	1930-01-05	153.58	49.96	107.9	7.0	30/55/95	1429	149/57/253	5
425	1930-05-05	96.54	17.67	35.0	7.2	284/45/55	1213	189/60/279	-
426	1930-06-11	148.89	-5.87	35.0	6.8	275/25/100	1342	160/251/48	6, 7
427	1930-07-02	90.25	25.64	35.0	6.8	79/69/2	1317	38/142/298	-
428	1930-10-24	146.57	18.35	35.0	6.8	192/34/132	1587	127/32/232	6
429	1930-12-03	96.42	17.97	35.0	7.3	284/45/55	1213	189/60/279	-
430	1930-12-21	121.59	19.99	35.0	7.0	224/36/123	1107	95/186/317	6
431	1931-01-15	-96.61	16.05	35.0	7.8	274/7/57	1110	220/320/76	2
432	1931-01-27	96.76	25.68	35.0	7.6	284/45/55	1213	189/60/279	-
433	1931-01-28	144.80	10.78	35.0	6.8	172/3/11	1375	127/32/232	6
434	1931-02-02	176.03	-39.77	35.0	7.7	80/61/-12	1369	120/90/210	7
435	1931-02-10	102.46	-5.43	35.0	7.1	315/16/103	1361	236/90/326	8
436	1931-02-13	176.81	-39.48	35.0	6.8	80/61/-12	1369	120/90/210	7
437	1931-02-20	135.64	44.43	356.7	7.3	31/23/137	1165	108/200/306	5
438	1931-03-02	171.15	-21.83	35.0	7.0	356/27/172	1173	255/348/117	7
439	1931-03-09	142.66	40.48	35.0	7.7	183/15/72	961	108/200/306	5
440	1931-03-18	-71.55	-33.83	35.0	6.8	18/18/109	1482	272/181/89	1
441	1931-03-28	129.49	-7.37	150.9	7.2	309/48/166	1535	156/66/0	6, 8
442	1931-08-07	142.08	-2.86	35.0	7.1	146/19/127	1327	239/332/105	6, 7
443	1931-08-10	89.97	46.57	35.0	7.9	79/69/2	1317	38/142/298	-
444	1931-08-18	90.12	47.29	35.0	7.2	79/69/2	1317	38/142/298	-
445	1931-09-09	145.49	19.15	171.8	7.1	136/42/-118	1287	127/32/232	6

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
446	1931-09-25	102.51	-5.18	35.0	7.3	315/16/103	1361	236/90/326	8
447	1931-10-03	161.02	-10.93	35.0	7.8	285/50/57	1591	217/308/46	7
448	1931-10-03	161.40	-10.91	35.0	7.1	285/50/57	1591	217/308/46	7
449	1931-10-03	163.19	-12.68	35.0	6.8	91/43/77	1556	172/284/71	7
450	1931-10-10	161.19	-9.97	50.2	7.7	285/50/57	1591	217/308/46	7
451	1931-11-02	131.95	32.00	42.2	7.5	227/12/90	957	288/90/198	5
452	1932-01-09	154.45	-6.08	387.6	7.2	140/30/91	1419	217/308/46	6, 7
453	1932-01-29	155.04	-6.81	53.8	6.8	138/45/99	1301	217/308/46	6, 7
454	1932-05-14	126.17	0.26	35.0	8.1	34/35/108	1432	92/183/275	6, 8
455	1932-05-26	179.05	-25.40	568.8	7.4	305/57/14	1608	120/90/210	7
456	1932-06-03	-104.15	19.46	25.0	7.9	304/16/109	1385	220/320/76	2
457	1932-06-18	-103.63	19.45	54.3	7.9	304/16/109	1385	220/320/76	2
458	1932-08-14	95.66	25.77	143.9	7.0	284/45/55	1213	189/60/279	-
459	1932-09-23	138.72	44.49	350.0	7.0	31/23/137	1165	108/200/306	5
460	1932-11-13	136.88	43.84	35.0	7.1	31/23/137	1165	108/200/306	5
461	1932-12-04	121.02	2.39	45.8	6.8	57/14/63	1306	348/81/178	6, 8
462	1932-12-21	-118.08	38.51	15.0	7.1	137/88/-178	1625	19/90/109	3
463	1932-12-25	96.69	39.77	25.0	7.6	284/45/55	1213	189/60/279	-
464	1933-01-01	167.50	-14.75	147.0	7.0	189/58/147	1575	255/348/117	7
465	1933-02-23	-69.97	-20.30	35.0	7.2	181/27/-73	1087	80/169/67	1
466	1933-03-02	144.62	39.22	35.0	8.4	181/43/-104	1422	108/200/306	5
467	1933-03-17	161.60	54.86	35.0	6.8	202/23/74	1320	137/46/310	5
468	1933-06-18	142.51	38.28	35.0	7.0	186/15/70	1136	108/200/306	5
469	1933-06-24	104.43	-5.52	35.0	7.3	315/16/103	1361	236/90/326	8
470	1933-08-25	103.54	31.81	25.0	7.3	231/35/138	1456	189/60/279	-
471	1933-09-06	-179.24	-21.95	587.4	7.0	312/38/-7	1516	120/90/210	7
472	1933-10-25	-66.65	-23.69	206.5	7.0	214/12/-62	1350	80/169/67	1
473	1933-12-04	144.59	46.19	352.6	7.1	250/20/130	1391	128/34/296	5

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
474	1934-01-15	86.76	26.77	35.0	8.0	287/6/96	1566	189/60/279	-
475	1934-02-14	119.19	17.40	35.0	7.5	112/13/-169	1345	224/134/326	6
476	1934-02-24	144.07	22.88	35.0	7.2	255/6/-127	1348	127/32/232	5, 6
477	1934-02-28	149.48	-5.23	35.0	7.1	248/17/65	1335	160/251/48	6, 7
478	1934-03-01	-72.88	-40.93	35.0	7.2	356/16/80	1593	272/181/89	1
479	1934-03-05	175.74	-40.64	35.0	7.3	80/61/-12	1369	120/90/210	7
480	1934-03-24	160.80	-10.07	35.0	6.8	91/43/77	1556	217/308/46	7
481	1934-04-15	126.86	7.53	35.0	7.1	176/34/66	1222	92/183/275	6, 8
482	1934-06-29	123.17	-7.08	647.7	7.0	225/50/-131	1305	156/66/0	6, 8
483	1934-07-18	166.73	-11.91	35.0	7.8	338/23/101	1438	255/348/117	7
484	1934-07-18	-82.48	8.05	25.0	7.6	310/25/110	1155	218/127/31	2
485	1934-07-19	133.35	-0.79	35.0	6.8	101/26/72	1462	335/200/65	6, 8
486	1934-07-21	165.50	-11.14	35.0	7.1	308/18/64	1538	255/348/117	7
487	1934-08-12	126.78	8.03	35.0	6.8	171/45/60	1357	92/183/275	6, 8
488	1934-10-10	179.78	-23.75	529.8	7.2	305/57/14	1608	120/90/210	7
489	1934-11-30	-105.32	18.68	25.0	6.8	309/14/93	1290	220/320/76	2
490	1934-12-15	89.08	31.01	35.0	6.8	94/61/-12	1369	38/142/298	-
491	1934-12-31	-115.76	32.69	15.0	6.8	313/88/-174	1484	19/90/109	3
492	1935-01-01	-174.53	-15.72	35.0	7.0	14/11/-93	1094	120/90/210	7
493	1935-02-22	175.02	53.27	35.0	6.8	280/19/122	1394	153/58/305	4, 5
494	1935-04-20	120.61	24.36	35.0	6.8	3/30/61	1339	95/186/317	5, 6
495	1935-06-24	167.87	-15.55	141.6	7.1	356/29/79	1435	255/348/117	7
496	1935-07-29	-177.92	-21.54	454.9	7.1	167/18/-131	1250	120/90/210	7
497	1935-08-03	96.33	4.43	35.0	6.8	338/28/99	1080	236/90/326	8
498	1935-08-17	171.65	-22.10	35.0	7.2	300/17/120	1126	255/348/117	7
499	1935-09-04	121.26	22.26	35.0	7.1	224/36/123	1107	95/186/317	5, 6
500	1935-09-09	141.72	6.23	35.0	6.8	146/19/127	1327	239/332/105	6
501	1935-09-11	146.63	43.29	35.0	7.2	213/15/89	1125	128/34/296	5

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
502	1935-09-20	141.33	-3.92	35.0	8.1	9/59/153	1081	239/332/105	6, 7
503	1935-09-20	142.91	-3.58	35.0	6.8	106/34/43	1379	239/332/105	6, 7
504	1935-10-12	143.32	40.27	35.0	7.1	183/14/69	1221	108/200/306	5
505	1935-10-18	144.16	40.39	35.0	7.1	183/14/69	1221	108/200/306	5
506	1935-12-14	-92.48	14.72	35.0	7.2	289/24/76	1264	218/127/31	2
507	1935-12-15	161.15	-9.59	35.0	7.5	285/50/57	1591	217/308/46	7
508	1935-12-17	125.75	22.53	25.0	7.1	139/82/1	1325	95/186/317	5, 6
509	1935-12-28	98.15	-0.35	35.0	7.8	316/8/96	1498	236/90/326	8
510	1936-01-02	98.87	-0.28	35.0	7.0	316/8/96	1498	236/90/326	8
511	1936-01-20	127.13	6.03	35.0	7.0	34/46/134	1617	92/183/275	6, 8
512	1936-02-15	133.29	-4.36	35.0	6.9	101/26/72	1462	335/200/65	6, 8
513	1936-04-01	126.52	4.17	35.0	7.3	177/38/83	1464	92/183/275	6, 8
514	1936-04-19	156.47	-7.67	35.0	7.0	305/14/79	1434	217/308/46	6, 7
515	1936-05-27	83.28	28.35	35.0	6.9	358/41/-110	1453	38/142/298	-
516	1936-06-10	147.00	-5.50	190.0	6.9	67/24/-4	1518	30/280/120	6, 7
517	1936-06-30	160.89	51.27	35.0	7.0	202/23/74	1320	137/46/310	5
518	1936-07-05	127.02	5.86	35.0	7.3	34/46/134	1617	92/183/275	6, 8
519	1936-07-13	-70.02	-24.72	35.0	6.9	310/18/63	1364	80/169/67	1
520	1936-08-22	121.19	21.95	35.0	7.0	224/36/123	1107	95/186/317	5, 6
521	1936-08-23	94.76	5.30	35.0	7.2	351/27/121	1410	236/90/326	8
522	1936-09-19	97.55	3.65	35.0	6.9	326/10/105	1414	236/90/326	8
523	1936-10-05	126.24	1.63	35.0	7.1	15/39/67	1627	92/183/275	6, 8
524	1936-11-02	142.15	38.34	35.0	6.9	24/70/90	1418	108/200/306	5
525	1936-11-13	163.46	56.04	35.0	7.2	58/68/-19	1616	153/58/305	5
526	1937-01-07	97.67	35.40	15.0	7.2	284/45/55	1213	189/60/279	-
527	1937-01-23	152.76	-5.29	35.0	6.8	262/28/96	1338	160/251/48	6, 7
528	1937-02-21	149.61	44.24	56.0	7.1	223/18/93	1105	128/34/296	5
529	1937-04-16	-177.14	-20.77	348.8	8.1	14/11/-93	1094	120/90/210	7

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
530	1937-06-21	-79.85	-8.44	42.0	7.2	335/14/88	1298	247/337/68	1
531	1937-07-02	167.05	-13.86	35.0	7.0	347/44/96	1487	255/348/117	7
532	1937-07-19	-76.40	-1.98	184.2	7.1	163/26/-55	1618	279/11/178	1
533	1937-07-26	142.17	38.40	35.0	7.1	24/70/90	1418	108/200/306	5
534	1937-07-26	-95.88	18.52	35.0	7.3	300/44/-83	1598	220/320/76	2
535	1937-08-11	117.53	-9.68	35.0	7.2	260/24/-73	1096	183/280/55	6, 8
536	1937-08-20	121.55	14.32	35.0	7.1	339/70/-178	1275	92/183/275	6
537	1937-09-03	-177.40	52.45	35.0	7.3	248/17/84	1302	153/58/305	4
538	1937-09-15	161.50	-10.50	80.0	7.3	285/50/57	1591	217/308/46	7
539	1937-09-27	110.80	-9.03	35.0	7.2	278/7/89	1268	183/280/55	6, 8
540	1937-12-08	121.01	22.87	38.8	7.0	3/30/61	1339	95/186/317	5, 6
541	1937-12-23	-98.29	17.43	35.0	7.1	311/26/-66	1131	220/320/76	2
542	1938-02-01	131.62	-5.05	35.0	7.6	305/50/142	1200	156/66/0	6, 8
543	1938-05-12	147.80	-6.27	35.0	7.1	52/30/-10	1633	160/251/48	6, 7
544	1938-05-19	119.53	-0.37	49.4	7.2	348/57/-15	1609	182/91/348	6, 8
545	1938-05-23	119.99	18.05	35.0	7.0	339/70/-178	1275	92/183/275	6
546	1938-05-23	141.76	36.46	35.0	7.2	203/14/86	1151	108/200/306	5
547	1938-05-30	169.17	-19.88	35.0	7.0	327/17/72	1233	255/348/117	7
548	1938-06-09	126.93	-3.15	25.0	7.2	34/35/108	1432	92/183/275	6, 8
549	1938-06-10	125.12	25.21	35.0	7.2	139/82/1	1325	95/186/317	5, 6
550	1938-06-16	129.54	27.59	35.0	7.0	91/80/9	1480	134/225/320	5, 6
551	1938-08-16	93.88	22.96	35.0	6.9	94/61/-12	1369	38/142/298	-
552	1938-10-10	126.55	2.39	35.0	7.0	347/16/34	1193	92/183/275	6, 8
553	1938-10-20	123.24	-9.27	35.0	7.3	80/40/95	1255	156/66/0	6, 8
554	1938-11-05	142.05	37.01	35.0	7.2	200/12/85	1505	108/200/306	5
555	1938-11-05	142.08	37.11	35.0	7.2	200/12/85	1505	108/200/306	5
556	1938-11-06	142.28	37.29	35.0	7.2	200/12/85	1505	108/200/306	5
557	1938-11-06	142.63	36.87	35.0	7.1	200/12/85	1505	108/200/306	5

Table S1. (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
558	1938-11-10	-158.37	55.33	35.0	7.6	243/17/92	1634	151/243/341	4
559	1938-11-13	142.36	36.73	35.0	6.9	200/12/85	1505	108/200/306	5
560	1938-11-17	-157.55	55.22	35.0	7.0	247/8/95	1220	151/243/341	4
561	1938-12-06	121.40	22.61	39.0	7.1	3/30/61	1339	95/186/317	5, 6
562	1939-01-25	-72.20	-36.20	30.0	7.3	18/18/109	1482	272/181/89	1
563	1939-01-30	155.39	-7.08	35.0	7.3	310/42/87	1554	217/308/46	6, 7
564	1939-02-03	159.36	-9.48	35.0	7.1	283/25/64	1091	217/308/46	6, 7
565	1939-03-02	143.16	-4.38	35.0	7.0	276/22/101	1129	239/332/105	6, 7
566	1939-03-21	89.40	-1.29	15.0	6.8	107/83/-177	1523	236/90/326	8
567	1939-04-05	168.98	-19.71	35.0	7.0	340/30/101	1454	255/348/117	7
568	1939-04-18	-70.71	-27.14	35.0	7.2	9/20/110	1160	265/172/71	1
569	1939-04-30	159.23	-9.30	35.0	7.9	283/25/64	1091	217/308/46	6, 7
570	1939-05-01	139.97	39.84	35.0	6.8	290/25/140	332	108/200/306	5
571	1939-06-08	-173.93	-15.27	35.0	7.0	14/11/-93	1094	120/90/210	7
572	1939-08-12	168.15	-16.06	172.4	7.0	353/33/126	1494	255/348/117	7
573	1939-10-10	143.15	38.67	35.0	7.2	193/13/81	1503	108/200/306	5
574	1939-10-17	167.29	-14.81	101.0	7.2	189/58/147	1575	255/348/117	7
575	1939-12-16	147.80	43.62	35.0	7.1	158/41/24	1273	128/34/296	5
576	1939-12-21	122.57	-0.21	35.0	7.7	116/33/-28	1171	182/91/348	6, 8
577	1939-12-21	-84.55	9.99	35.0	7.2	303/11/104	1225	218/127/31	2
578	1940-01-06	170.78	-21.69	79.7	7.2	356/27/172	1173	255/348/117	7
579	1940-01-17	148.22	17.24	31.3	7.2	185/31/-108	1226	127/32/232	6
580	1940-02-20	167.14	-13.78	190.5	7.0	347/44/96	1487	255/348/117	7
581	1940-04-16	173.35	52.82	35.0	6.8	280/19/122	1394	153/58/305	4, 5
582	1940-05-19	-115.70	33.22	15.0	6.8	313/88/-174	1484	19/90/109	3
583	1940-05-24	-77.63	-11.12	50.1	7.5	350/17/93	1055	247/337/68	1
584	1940-05-28	139.15	-2.32	35.0	6.8	9/59/153	1081	239/332/105	6, 8
585	1940-07-10	130.78	44.39	577.6	7.2	27/13/105	1376	108/200/306	5

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
586	1940-07-14	178.16	52.12	35.0	7.3	289/22/137	1386	153/58/305	4, 5
587	1940-08-01	139.83	44.51	35.0	7.5	290/25/140	332	108/200/306	5
588	1940-08-22	-165.50	53.00	60.0	6.8	243/17/92	1634	151/243/341	4
589	1940-09-12	153.00	-4.50	40.0	6.8	325/43/96	1338	160/251/48	6, 7
590	1940-09-19	171.00	-24.00	80.0	7.0	280/35/-99	1281	255/348/117	7
591	1940-09-22	124.00	8.00	680.0	7.0	193/34/-111	1167	92/183/275	6, 8
592	1940-10-04	-70.72	-20.59	23.5	7.1	358/14/103	1226	80/169/67	1
593	1940-10-11	-73.93	-42.04	15.0	6.8	356/16/80	1593	272/181/89	1
594	1940-12-28	147.53	18.14	35.0	7.2	185/31/-108	1226	127/32/232	6
595	1941-01-13	152.32	-4.72	35.0	6.8	230/24/64	1356	160/251/48	6, 7
596	1941-02-04	124.00	10.08	602.4	7.0	42/40/80	1549	92/183/275	6
597	1941-04-03	-66.64	-22.58	150.1	7.2	85/4/-175	1310	80/169/67	1
598	1941-04-07	-78.59	17.27	15.0	6.8	170/59/14	1479	26/226/119	2
599	1941-04-15	-102.96	18.68	35.0	7.6	85/4/-175	1310	220/320/76	2
600	1941-05-17	166.14	-10.46	35.0	7.2	267/82/175	1540	255/348/117	7
601	1941-06-26	92.48	12.15	49.1	7.7	94/61/-12	1369	38/142/298	-
602	1941-08-02	-177.61	-29.77	35.0	6.8	124/66/-160	1631	120/90/210	7
603	1941-09-04	153.69	-5.07	35.0	7.1	143/31/87	1332	160/251/48	6, 7
604	1941-09-18	-72.29	-13.93	61.0	7.0	144/20/-47	1619	250/154/20	1
605	1941-11-08	122.86	0.72	35.0	7.2	109/7/102	1237	348/81/178	6, 8
606	1941-11-18	132.00	32.00	30.0	7.7	227/12/90	957	288/90/198	5
607	1941-11-24	-177.61	-28.28	35.0	7.0	124/66/-160	1631	120/90/210	7
608	1941-12-05	-83.16	8.75	35.0	7.3	310/25/110	1155	218/127/31	2
609	1941-12-06	-84.40	8.14	35.0	6.8	131/57/14	1608	218/127/31	2
610	1941-12-16	120.39	23.25	35.0	7.1	3/30/61	1339	95/186/317	5, 6
611	1941-12-26	99.15	21.08	25.0	6.8	284/45/55	1213	189/60/279	-
612	1942-01-27	134.84	-4.33	18.4	6.8	261/68/-11	1398	335/200/65	6, 8
613	1942-01-29	169.04	-19.32	117.7	7.0	327/17/72	1233	255/348/117	7



Table S1. (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
614	1942-03-05	141.63	44.27	259.0	7.0	250/20/130	1391	128/34/296	5
615	1942-04-08	120.55	12.85	41.3	7.3	339/70/-178	1275	92/183/275	6
616	1942-05-14	-79.90	0.01	35.0	7.8	27/21/124	1585	279/11/178	2
617	1942-05-28	123.78	-0.07	104.2	7.3	225/64/172	1349	156/66/0	6, 8
618	1942-06-14	148.01	14.55	48.7	7.0	185/31/-108	1226	127/32/232	6
619	1942-06-18	140.10	9.12	35.0	6.8	146/19/127	1327	239/332/105	6
620	1942-06-24	175.63	-41.53	35.0	6.8	80/61/-12	1369	120/90/210	7
621	1942-07-08	-70.19	-24.60	35.0	7.0	9/20/110	1160	80/169/67	1
622	1942-08-06	-90.91	13.78	35.0	7.7	296/19/89	1163	218/127/31	2
623	1942-08-24	-74.92	-14.98	35.0	7.7	312/33/61	1308	250/154/20	1
624	1942-10-20	122.60	7.73	35.0	7.2	214/64/-172	1086	92/183/275	6, 8
625	1942-11-26	150.18	45.41	76.0	7.3	225/12/95	1293	149/57/253	5
626	1943-02-22	-101.50	17.75	30.0	7.4	293/14/90	1115	220/320/76	2
627	1943-03-14	-69.50	-20.00	150.0	7.1	181/27/-73	1087	80/169/67	1
628	1943-03-21	152.25	-5.75	30.0	6.8	230/24/64	1356	160/251/48	6, 7
629	1943-04-06	-72.00	-30.75	35.0	8.2	6/19/101	1573	265/172/71	1
630	1943-05-02	-80.00	6.50	30.0	6.8	310/25/110	1155	218/127/31	2
631	1943-05-03	125.50	12.50	30.0	7.2	145/16/65	1280	92/183/275	6
632	1943-05-25	128.00	7.50	30.0	7.6	176/34/66	1222	92/183/275	6, 8
633	1943-06-08	101.00	-1.00	50.0	7.2	320/15/104	1440	236/90/326	8
634	1943-06-09	101.00	-1.00	50.0	7.5	320/15/104	1440	236/90/326	8
635	1943-06-13	143.25	42.75	60.0	7.1	241/20/128	777	128/34/296	5
636	1943-07-23	110.00	-9.50	90.0	7.5	278/7/89	1268	183/280/55	6, 8
637	1943-07-29	-67.50	19.25	30.0	7.6	170/59/14	1479	26/226/119	2
638	1943-09-10	134.00	35.25	0.0	7.0	250/12/120	701	288/90/198	5
639	1943-09-14	170.00	-22.00	50.0	6.8	303/29/98	1557	255/348/117	7
640	1943-09-14	171.00	-22.00	50.0	7.2	345/30/-179	1139	255/348/117	7
641	1943-09-14	-177.00	-30.00	60.0	7.0	195/29/90	1313	120/90/210	7

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
642	1943-09-27	-178.00	-30.00	90.0	7.0	213/20/-99	1307	120/90/210	7
643	1943-10-23	93.00	26.00	30.0	7.1	79/69/2	1317	38/142/298	-
644	1943-11-06	134.50	-6.00	30.0	7.6	261/68/-11	1398	335/200/65	6, 8
645	1943-11-13	170.00	-19.00	30.0	7.2	312/36/-90	1615	255/348/117	7
646	1943-11-26	100.00	-2.50	130.0	7.1	317/6/102	1452	236/90/326	8
647	1943-12-01	144.00	-4.75	120.0	7.2	320/19/114	1192	239/332/105	6, 7
648	1943-12-01	-69.75	-19.50	80.0	7.1	176/20/-87	1201	80/169/67	1
649	1943-12-23	153.50	-5.50	50.0	7.2	136/42/87	1285	160/251/48	6, 7
650	1944-01-07	143.50	-4.50	120.0	7.0	320/19/114	1192	239/332/105	6, 7
651	1944-01-15	-68.75	-31.25	50.0	7.1	183/44/90	1100	272/181/89	1
652	1944-02-29	-70.50	-14.50	200.0	7.1	144/20/-47	1619	250/154/20	1
653	1944-03-09	84.00	44.00	30.0	6.8	94/61/-12	1369	38/142/298	-
654	1944-03-22	123.50	-8.50	220.0	7.2	80/40/95	1255	156/66/0	6, 8
655	1944-03-31	130.50	-7.00	60.0	6.8	89/53/37	1256	156/66/0	6, 8
656	1944-04-27	133.50	-0.50	50.0	7.2	101/26/72	1462	335/200/65	6, 8
657	1944-05-19	152.75	-2.50	50.0	6.8	262/28/96	1338	160/251/48	6, 7
658	1944-05-25	152.75	-2.50	30.0	7.3	262/28/96	1338	160/251/48	6, 7
659	1944-05-25	-179.50	-21.50	640.0	7.0	312/38/-7	1516	120/90/210	7
660	1944-06-21	169.00	-22.00	50.0	6.8	340/30/101	1454	255/348/117	7
661	1944-06-28	-92.50	15.00	0.0	6.8	289/24/76	1264	218/127/31	2
662	1944-07-27	-165.50	54.00	70.0	7.1	243/17/92	1634	151/243/341	4
663	1944-09-23	160.00	54.00	40.0	7.1	202/23/74	1320	137/46/310	5
664	1944-10-05	172.00	-22.50	120.0	7.2	300/17/120	1126	255/348/117	7
665	1944-11-15	127.50	4.50	30.0	6.8	171/45/60	1357	92/183/275	6, 8
666	1944-11-16	167.00	-12.50	30.0	7.2	351/31/102	1130	255/348/117	7
667	1944-11-24	169.00	-19.00	170.0	7.3	293/35/21	1253	255/348/117	7
668	1944-11-29	169.00	-19.00	170.0	7.1	293/35/21	1253	255/348/117	7
669	1944-12-07	136.00	33.75	30.0	8.2	235/20/82	-	288/90/198	5

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
670	1944-12-10	168.00	-18.00	50.0	6.8	353/33/126	1494	255/348/117	7
671	1945-02-01	170.00	-22.00	60.0	7.2	324/29/95	1395	255/348/117	7
672	1945-02-01	170.00	-22.00	60.0	7.0	324/29/95	1395	255/348/117	7
673	1945-02-10	142.50	41.25	50.0	6.8	183/15/72	961	108/200/306	5
674	1945-04-15	164.00	57.00	30.0	7.1	58/68/-19	1616	153/58/305	5
675	1945-07-15	146.50	17.50	120.0	7.1	192/34/132	1587	127/32/232	6
676	1945-08-29	168.00	-15.00	50.0	6.8	353/33/126	1494	255/348/117	7
677	1945-09-01	165.50	-46.50	30.0	6.8	19/15/136	1120	293/26/202	7
678	1945-09-05	153.50	-5.00	50.0	6.8	325/43/87	1285	160/251/48	6, 7
679	1945-09-13	-70.50	-33.25	100.0	7.0	9/20/110	1160	265/172/71	1
680	1945-10-09	147.50	43.50	80.0	7.0	158/41/24	1273	128/34/296	5
681	1945-12-08	151.00	-6.50	30.0	6.8	242/34/72	1610	160/251/48	6, 7
682	1945-12-28	150.00	-6.00	30.0	7.6	257/30/82	1490	160/251/48	6, 7
683	1946-01-05	167.00	-16.00	50.0	7.1	328/36/84	1586	255/348/117	7
684	1946-01-17	147.50	-7.50	100.0	7.2	282/34/88	1245	160/251/48	6, 7
685	1946-04-01	-163.50	52.75	35.0	8.0	243/17/92	1634	151/243/341	4
686	1946-05-03	154.00	-6.00	30.0	7.2	140/30/91	1419	217/308/46	6, 7
687	1946-05-08	99.50	0.00	30.0	6.8	74/52/139	1473	236/90/326	8
688	1946-06-23	-124.50	49.75	30.0	7.6	320/63/178	1134	19/90/109	3
689	1946-07-09	169.00	-19.00	170.0	7.2	293/35/21	1253	255/348/117	7
690	1946-08-02	-70.50	-26.50	50.0	6.8	9/20/110	1160	265/172/71	1
691	1946-08-04	-69.00	19.25	35.0	7.9	170/59/14	1479	26/226/119	2
692	1946-08-08	-69.50	19.50	30.0	7.5	347/85/-177	1628	26/226/119	2
693	1946-08-28	-63.00	-26.00	580.0	7.1	15/26/-60	1238	265/172/71	1
694	1946-09-12	96.00	23.50	30.0	7.7	284/45/55	1213	189/60/279	-
695	1946-09-12	96.00	23.50	30.0	7.3	284/45/55	1213	189/60/279	-
696	1946-09-23	145.00	-6.00	100.0	7.1	82/83/4	1197	160/251/48	6, 7
697	1946-09-29	153.50	-4.50	30.0	7.6	143/31/87	1332	160/251/48	6, 7

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
698	1946-11-01	-174.50	51.50	40.0	6.8	254/23/100	1547	152/60/318	4
699	1946-11-12	-173.50	-20.00	30.0	7.1	14/11/-93	1094	120/90/210	7
700	1946-11-28	-174.00	-18.50	290.0	7.0	14/11/-93	1094	120/90/210	7
701	1946-12-20	134.50	32.50	30.0	8.3	250/12/120	-	288/90/198	5
702	1946-12-21	149.00	44.00	0.0	7.2	223/18/93	1105	128/34/296	5
703	1947-01-26	-86.25	12.50	170.0	7.0	124/23/-94	1561	218/127/31	2
704	1947-01-29	-63.00	-26.00	580.0	7.0	15/26/-60	1238	265/172/71	1
705	1947-03-17	99.50	33.00	30.0	7.5	284/45/55	1213	189/60/279	-
706	1947-03-25	178.50	-38.75	30.0	6.8	80/61/-12	1369	120/90/210	7
707	1947-04-02	138.00	-1.50	30.0	7.2	332/80/-172	1489	335/200/65	6, 8
708	1947-04-14	148.50	44.00	30.0	6.8	242/26/122	1408	128/34/296	5
709	1947-05-06	148.50	-6.50	30.0	7.3	275/25/100	1342	160/251/48	6, 7
710	1947-05-27	135.25	-1.50	30.0	7.2	179/64/174	1185	335/200/65	6, 8
711	1947-06-12	126.50	1.50	40.0	6.8	171/45/60	1357	92/183/275	6, 8
713	1947-09-26	123.00	24.75	110.0	7.3	214/64/-172	1086	92/183/275	5
713	1947-09-26	123.00	24.75	110.0	7.3	214/64/-172	1086	92/183/275	6
714	1947-11-01	-75.00	-10.50	30.0	7.7	335/14/88	1298	247/337/68	1
715	1947-11-04	140.50	44.00	30.0	6.8	1/28/-118	1291	108/200/306	5
716	1948-01-24	122.00	10.50	35.0	8.1	224/78/-169	1230	92/183/275	6
717	1948-01-27	-178.00	-20.50	630.0	7.0	14/11/-93	1094	120/90/210	7
718	1948-01-28	126.50	1.50	80.0	7.1	15/39/67	1627	92/183/275	6, 8
719	1948-03-01	127.50	-3.00	50.0	6.8	74/39/59	1161	156/66/0	6, 8
720	1948-03-03	119.00	18.50	30.0	7.1	112/13/-169	1345	224/134/326	6
721	1948-04-17	135.75	33.00	30.0	7.2	235/20/82	669	288/90/198	5
722	1948-04-21	-69.25	19.25	40.0	6.8	109/58/-32	1446	206/3/115	2
723	1948-05-11	-70.25	-17.50	70.0	7.3	176/20/-87	1201	80/169/67	1
724	1948-05-14	-161.00	54.50	30.0	7.3	243/17/92	1634	151/243/341	4
725	1948-05-25	100.50	29.50	30.0	7.2	333/78/174	1216	189/60/279	-

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
726	1948-06-28	136.19	36.25	10.1	7.0	170/75/-15	-	288/90/198	5
727	1948-07-20	-75.00	-17.00	70.0	7.1	312/33/61	1308	250/154/20	1
728	1948-09-02	125.50	10.00	30.0	6.8	145/16/65	1280	92/183/275	6, 8
729	1948-09-08	-174.00	-21.00	35.0	8.0	14/11/-93	1094	120/90/210	7
730	1948-11-19	-83.50	10.00	80.0	7.0	103/25/58	1236	218/127/31	2
731	1948-11-26	145.00	-5.00	70.0	7.0	82/83/4	1197	160/251/48	6, 7
732	1949-02-23	83.50	41.00	30.0	7.3	358/41/-110	1453	38/142/298	-
733	1949-03-27	127.50	3.50	30.0	7.1	135/21/49	1116	92/183/275	6, 8
734	1949-04-20	-73.50	-38.00	70.0	7.1	5/13/97	1502	272/181/89	1
735	1949-04-23	121.00	-8.00	80.0	7.0	46/25/-107	1229	182/91/348	6, 8
736	1949-04-25	-69.00	-19.75	110.0	7.2	181/27/-73	1087	80/169/67	1
737	1949-04-30	125.00	6.50	130.0	7.2	34/46/134	1617	92/183/275	6, 8
738	1949-07-23	170.00	-18.50	150.0	7.2	280/35/-99	1281	255/348/117	7
739	1949-08-06	-174.50	-18.50	70.0	7.2	14/11/-93	1094	120/90/210	7
740	1949-08-22	-133.25	53.75	35.0	8.0	327/80/-173	1449	216/124/24	3, 4
741	1949-10-19	154.00	-5.50	60.0	7.5	140/30/91	1419	217/308/46	6, 7
742	1949-11-22	-178.50	-28.50	180.0	7.1	213/20/-99	1307	120/90/210	7
743	1949-12-29	121.00	18.00	30.0	7.2	3/30/61	1339	95/186/317	6
744	1950-02-02	100.00	22.00	30.0	7.1	333/78/174	1216	189/60/279	-
745	1950-02-28	144.00	46.00	340.0	7.4	250/20/130	1391	128/34/296	5
746	1950-05-25	143.50	13.00	90.0	7.1	172/3/11	1375	127/32/232	6
747	1950-07-09	-70.75	-8.00	650.0	7.0	353/47/-65	1388	247/337/68	1
748	1950-07-29	126.90	2.20	96.0	7.0	347/16/34	1193	92/183/275	6, 8
749	1950-08-14	-62.50	-27.25	630.0	7.2	15/26/-60	1238	265/172/71	1
750	1950-08-15	96.50	28.50	15.0	8.6	284/45/55	1213	189/60/279	-
751	1950-08-31	126.00	5.50	96.0	7.0	172/25/-74	1175	92/183/275	6, 8
752	1950-09-10	167.00	-15.50	100.0	7.1	332/39/55	1232	255/348/117	7
753	1950-10-05	-85.00	11.00	30.0	7.8	121/35/-95	1359	218/127/31	2

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
754	1950-10-08	128.25	-3.75	30.0	7.5	43/42/-44	1424	156/66/0	6, 8
755	1950-10-23	-91.50	14.50	30.0	7.5	296/19/89	1163	218/127/31	2
756	1950-11-02	129.50	-6.50	50.0	7.3	309/48/166	1535	156/66/0	6, 8
757	1950-11-08	159.50	-10.00	30.0	7.1	339/22/125	1092	217/308/46	6, 7
758	1950-12-02	167.50	-18.25	60.0	7.2	343/33/94	1512	255/348/117	7
759	1950-12-04	153.50	-5.00	110.0	7.2	143/31/87	1332	160/251/48	6, 7
760	1950-12-09	-67.50	-23.50	100.0	7.6	214/12/-62	1350	80/169/67	1
761	1950-12-10	-178.50	-28.00	250.0	7.2	213/20/-99	1307	120/90/210	7
762	1950-12-10	-75.75	-14.25	80.0	7.1	312/33/61	1308	250/154/20	1
763	1950-12-14	-175.75	-19.25	200.0	7.4	14/11/-93	1094	120/90/210	7
764	1950-12-14	-97.50	17.00	30.0	7.3	292/13/83	1603	220/320/76	2
765	1951-02-13	-156.00	56.00	30.0	7.2	247/8/95	1220	151/243/341	4
766	1951-02-17	146.00	-7.00	180.0	7.2	265/22/-112	1620	160/251/48	6, 7
767	1951-03-10	167.50	-15.00	130.0	7.2	189/58/147	1575	255/348/117	7
768	1951-05-21	154.50	-6.00	150.0	7.0	140/30/91	1419	217/308/46	6, 7
769	1951-10-21	121.50	23.75	30.0	7.5	239/53/158	1112	95/186/317	5, 6
770	1951-10-22	121.25	24.00	30.0	7.1	3/30/61	1339	95/186/317	5, 6
771	1951-10-22	121.25	23.75	30.0	7.2	3/30/61	1339	95/186/317	5, 6
772	1951-10-22	121.70	23.90	30.0	6.8	224/36/123	1107	95/186/317	5, 6
773	1951-11-06	154.25	47.75	30.0	7.2	220/16/95	1429	149/57/253	5
774	1951-11-18	91.00	30.50	30.0	7.7	79/69/2	1317	38/142/298	-
775	1951-11-24	122.50	23.00	30.0	7.3	239/53/158	1112	95/186/317	5, 6
776	1952-02-14	126.50	-7.50	30.0	7.2	249/46/113	1097	156/66/0	6, 8
777	1952-03-04	143.00	42.50	17.6	8.1	241/20/128	-	128/34/296	5
778	1952-03-04	143.90	42.20	30.0	6.8	250/20/130	1391	128/34/296	5
779	1952-03-09	143.00	42.50	30.0	7.2	241/20/128	777	128/34/296	5
780	1952-03-19	127.25	9.50	30.0	7.7	176/34/66	1222	92/183/275	6, 8
781	1952-07-21	-119.00	35.00	30.0	7.3	137/88/-178	1625	19/90/109	3

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
782	1952-08-17	91.50	30.50	30.0	7.7	79/69/2	1317	38/142/298	-
783	1952-09-21	-65.75	-21.75	260.0	7.1	85/4/-175	1310	80/169/67	1
784	1952-11-04	159.50	52.75	40.0	9.0	214/30/110	-	137/46/310	5
785	1952-11-06	144.90	-4.60	30.0	7.1	82/83/4	1197	160/251/48	6, 7
786	1952-12-06	156.50	-8.00	30.0	7.2	305/14/79	1434	217/308/46	6, 7
787	1952-12-24	152.00	-5.50	30.0	7.1	245/33/77	1567	160/251/48	6, 7
788	1953-01-05	155.50	49.00	40.0	7.1	11/44/84	1463	149/57/253	5
789	1953-01-05	171.50	53.00	30.0	7.2	280/19/122	1394	153/58/305	4, 5
790	1953-02-26	163.90	-11.20	30.0	7.1	252/55/7	1258	172/284/71	7
791	1953-03-19	-61.20	14.00	128.0	7.1	109/58/-32	1446	206/3/115	2
792	1953-04-23	153.30	-4.50	30.0	7.6	143/31/87	1332	160/251/48	6, 7
793	1953-05-06	-72.60	-36.50	64.0	7.4	18/18/109	1482	272/181/89	1
794	1953-07-02	169.00	-19.00	223.0	7.3	293/35/21	1253	255/348/117	7
795	1953-09-29	177.10	-36.90	287.0	7.0	80/61/-12	1369	120/90/210	7
796	1953-11-04	166.40	-13.00	30.0	7.5	341/43/83	1476	255/348/117	7
797	1953-11-10	157.10	51.20	33.0	7.0	324/39/-29	1582	149/57/253	5
798	1953-11-25	141.70	34.00	33.0	7.9	203/14/86	1151	108/200/306	5
799	1953-12-07	-68.70	-22.10	128.0	7.2	85/4/-175	1310	80/169/67	1
800	1953-12-12	-80.60	-3.40	30.0	7.5	335/14/88	1298	247/337/68	1
801	1954-02-11	101.20	38.80	33.0	7.1	333/78/174	1216	189/60/279	-
802	1954-02-20	124.70	-7.20	540.0	7.0	67/27/72	1404	156/66/0	6, 8
803	1954-03-21	95.10	24.20	223.0	7.3	284/45/55	1213	189/60/279	-
804	1954-04-29	-112.80	29.20	30.0	7.1	131/74/-177	1525	355/115/262	3
805	1954-09-17	-176.70	-21.30	223.0	7.0	215/5/-75	1195	120/90/210	7
806	1954-12-16	-118.00	39.20	30.0	7.1	137/88/-178	1625	19/90/109	3
807	1955-01-05	162.70	-49.70	30.0	7.1	69/74/167	1409	293/26/202	7
808	1955-02-27	-175.50	-28.30	35.0	7.8	170/52/-100	1509	120/90/210	7
809	1955-03-18	161.00	54.30	64.0	7.2	202/23/74	1320	137/46/310	5

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
810	1955-03-31	123.20	8.10	96.0	7.2	193/34/-111	1167	92/183/275	6, 8
811	1955-04-14	101.70	30.00	30.0	7.5	333/78/174	1216	189/60/279	-
812	1955-05-17	93.70	6.70	30.0	7.2	351/27/121	1410	236/90/326	8
813	1955-05-30	142.50	24.20	572.0	7.1	73/49/50	1442	108/200/306	5, 6
814	1955-08-06	-177.50	-21.10	287.0	7.0	206/34/103	1077	120/90/210	7
815	1955-10-10	152.80	-5.10	30.0	7.3	262/28/96	1338	160/251/48	6, 7
816	1955-10-13	160.70	-10.00	33.0	7.1	326/35/79	1093	217/308/46	7
817	1955-11-10	-173.60	-15.60	64.0	6.9	14/11/-93	1094	120/90/210	7
818	1956-02-01	145.06	18.85	379.9	7.0	136/42/-118	1287	127/32/232	6
819	1956-02-18	138.28	30.17	480.2	7.1	86/17/168	1469	288/90/198	5
820	1956-05-23	-178.59	-15.52	402.5	7.2	14/11/-93	1094	120/90/210	7
821	1956-07-16	95.82	22.09	25.2	7.1	284/45/55	1213	189/60/279	-
822	1956-07-18	130.36	-5.05	106.2	7.2	305/50/142	1200	156/66/0	6, 8
823	1956-10-11	150.61	45.90	101.4	7.2	235/28/113	1296	149/57/253	5
824	1956-10-24	-86.44	11.62	35.0	7.2	124/23/-94	1561	218/127/31	2
825	1956-12-27	-176.88	-23.41	195.7	7.0	15/79/-84	1544	120/90/210	7
826	1957-02-23	121.49	23.87	50.4	7.2	3/30/61	1339	95/186/317	5, 6
827	1957-03-09	-175.42	51.59	35.0	8.6	254/23/100	1547	152/60/318	4
828	1957-03-09	-169.48	52.47	31.3	7.2	15/10/-160	1508	152/60/318	4
829	1957-03-11	-168.90	52.54	35.6	7.1	15/10/-160	1508	152/60/318	4
830	1957-03-12	-176.67	51.74	32.2	7.1	248/17/84	1302	153/58/305	4
831	1957-03-14	-176.62	51.33	35.0	7.2	248/17/84	1302	153/58/305	4
832	1957-03-16	-178.78	51.52	31.5	7.1	274/21/118	1448	153/58/305	4
833	1957-03-22	-165.69	53.70	42.4	7.1	243/17/92	1634	151/243/341	4
834	1957-03-23	130.91	-5.49	126.7	7.1	305/50/142	1200	156/66/0	6, 8
835	1957-04-14	-173.14	-15.40	35.0	7.5	14/11/-93	1094	120/90/210	7
836	1957-04-16	107.27	-4.51	601.7	7.2	330/30/155	1436	183/280/55	8
837	1957-06-22	136.68	-2.01	35.0	7.3	332/80/-172	1489	335/200/65	6, 8



**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
838	1957-06-27	116.44	56.42	15.0	7.4	229/43/-163	1083	38/142/298	-
839	1957-07-14	-177.74	-27.14	200.6	7.0	281/22/-40	1423	120/90/210	7
840	1957-07-28	-99.29	16.89	41.2	7.8	289/11/75	1288	220/320/76	2
841	1957-09-24	127.12	5.25	35.0	7.7	34/46/134	1617	92/183/275	6, 8
842	1957-09-28	-178.16	-20.69	586.6	7.2	213/20/-99	1307	120/90/210	7
843	1957-11-29	-67.23	-20.54	158.8	7.3	181/27/-73	1087	80/169/67	1
844	1957-12-04	99.22	45.18	25.0	8.1	284/45/55	1213	189/60/279	-
845	1957-12-17	166.67	-12.47	124.2	7.2	344/41/87	1475	255/348/117	7
846	1958-01-15	-72.49	-16.78	69.0	7.0	310/18/63	1364	250/154/20	1
847	1958-01-19	-79.49	0.99	18.7	7.8	27/21/124	1585	279/11/178	2
848	1958-03-11	124.16	23.81	35.0	7.2	3/30/61	1339	95/186/317	5, 6
849	1958-05-31	168.55	-15.32	11.5	7.1	262/68/13	1186	255/348/117	7
850	1958-07-10	-136.29	58.48	15.0	7.8	333/60/179	1536	216/124/24	3, 4
851	1958-07-26	-69.41	-13.29	614.7	7.2	144/20/-47	1619	250/154/20	1
852	1958-11-06	148.65	44.31	35.0	8.4	229/17/109	1169	128/34/296	5
853	1958-11-12	148.82	44.05	35.0	7.0	223/18/93	1105	128/34/296	5
854	1959-01-22	142.48	37.56	32.1	7.2	200/12/85	1505	108/200/306	5
855	1959-03-01	134.17	-0.99	43.5	7.0	60/83/4	1380	335/200/65	6, 8
856	1959-04-26	122.77	24.68	117.8	7.4	214/64/-172	1086	92/183/275	5, 6
857	1959-05-04	159.66	53.37	35.0	8.0	206/31/83	1265	137/46/310	5
858	1959-05-24	-97.18	17.46	69.6	7.0	311/26/-66	1131	220/320/76	2
859	1959-06-14	-68.83	-20.28	35.0	7.4	181/27/-73	1087	80/169/67	1
860	1959-07-19	-70.33	-15.09	210.1	7.1	144/20/-47	1619	250/154/20	1
861	1959-08-15	120.95	21.98	26.8	7.2	224/36/123	1107	95/186/317	5, 6
862	1959-08-17	156.34	-7.89	35.0	7.1	305/14/79	1434	217/308/46	6, 7
863	1959-08-18	-110.66	44.57	15.0	7.3	131/74/-177	1525	355/115/262	3
864	1959-09-14	-177.08	-28.73	35.0	7.8	200/26/95	1073	120/90/210	7
865	1959-11-19	146.49	-5.91	128.2	7.0	282/34/88	1245	160/251/48	6, 7

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
866	1960-01-13	-73.06	-15.88	35.0	7.4	310/18/63	1364	250/154/20	1
867	1960-03-08	168.71	-17.02	244.2	7.2	353/33/126	1494	255/348/117	7
868	1960-03-20	143.40	39.85	35.0	7.8	183/14/69	1221	108/200/306	5
869	1960-05-21	-73.38	-37.83	11.5	8.2	5/13/97	1502	272/181/89	1
870	1960-05-22	-73.05	-38.29	35.0	9.5	7/20/150	-	272/181/89	1
871	1960-05-22	-72.98	-38.15	35.0	7.9	5/13/97	1502	272/181/89	1
872	1960-06-06	-73.50	-45.70	15.0	7.2	356/16/80	1593	272/181/89	1
873	1960-06-20	-73.32	-39.21	24.6	7.1	5/13/97	1502	272/181/89	1
874	1960-06-20	-73.32	-38.27	35.0	7.0	5/13/97	1502	272/181/89	1
875	1960-07-25	158.89	53.65	138.7	7.2	324/39/-29	1582	149/57/253	5
876	1960-11-20	-80.62	-6.70	35.0	7.8	335/14/88	1298	247/337/68	1
877	1960-11-24	-176.38	-24.71	36.0	7.1	270/56/158	1194	120/90/210	7
878	1960-12-02	-70.08	-24.67	14.1	7.2	9/20/110	1160	80/169/67	1
879	1961-01-05	143.21	-4.23	141.1	7.1	276/22/101	1129	239/332/105	6, 7
880	1961-02-26	131.51	31.59	36.7	7.7	227/12/90	957	288/90/198	5
881	1961-03-07	-175.27	-29.26	35.0	7.1	170/52/-100	1509	120/90/210	7
882	1961-03-28	123.63	0.05	138.9	7.2	109/7/102	1237	348/81/178	6, 8
883	1961-07-23	168.40	-18.42	35.0	7.3	334/29/92	1511	255/348/117	7
884	1961-08-11	145.33	42.88	35.0	7.2	242/26/122	1408	128/34/296	5
885	1961-08-19	-70.84	-10.83	615.5	7.2	335/33/-94	1607	250/154/20	1
886	1961-08-31	-71.00	-10.34	600.7	7.2	350/39/-80	1578	247/337/68	1
887	1961-08-31	-70.90	-10.70	598.1	7.0	350/39/-80	1578	250/154/20	1
888	1962-02-14	-73.00	-38.09	40.6	7.4	5/13/97	1502	272/181/89	1
889	1962-04-12	142.74	38.08	24.5	7.0	186/15/70	1136	108/200/306	5
890	1962-04-26	-178.69	-17.86	550.6	7.5	14/11/-93	1094	120/90/210	7
891	1962-05-11	-99.64	17.18	35.0	7.3	303/18/98	1557	220/320/76	2
892	1962-05-21	-177.38	-20.00	437.5	7.5	14/11/-93	1094	120/90/210	7
893	1962-07-26	-82.78	7.49	23.6	7.2	310/25/110	1155	218/127/31	2

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
894	1962-08-03	-68.01	-23.29	113.0	7.2	214/12/-62	1350	80/169/67	1
895	1962-12-08	-63.28	-25.82	588.9	7.2	15/26/-60	1238	265/172/71	1
896	1963-02-13	122.06	24.36	35.0	7.3	3/30/61	1339	95/186/317	5, 6
897	1963-02-26	146.22	-7.58	181.2	7.2	265/22/-112	1620	160/251/48	6, 7
898	1963-03-16	154.89	46.62	35.0	7.2	220/39/-106	1431	149/57/253	5
899	1963-03-26	-177.54	-30.11	35.0	7.4	206/34/103	1077	120/90/210	7
900	1963-04-16	128.01	-1.14	34.5	7.2	124/84/0	1626	156/66/0	6, 8
901	1963-05-01	169.07	-19.06	143.9	7.1	327/17/72	1233	255/348/117	7
902	1963-08-15	-69.32	-13.72	549.7	7.7	144/20/-47	1619	250/154/20	1
903	1963-08-25	-178.54	-17.70	570.9	7.1	14/11/-93	1094	120/90/210	7
904	1963-09-15	165.76	-10.47	35.0	7.5	69/83/178	1539	255/348/117	7
905	1963-09-17	165.41	-10.28	29.5	7.5	69/83/178	1539	255/348/117	7
906	1963-10-12	149.27	44.43	48.2	7.1	237/16/116	1075	128/34/296	5
907	1963-10-13	149.80	44.76	26.0	8.6	237/16/116	1075	128/34/296	5
908	1963-10-20	150.57	44.76	27.0	7.9	235/28/113	1296	149/57/253	5
909	1963-11-04	129.69	-6.74	35.0	7.7	309/48/166	1535	156/66/0	6, 8
910	1963-11-09	-71.54	-8.98	577.1	7.7	350/30/-81	1577	247/337/68	1
911	1963-12-15	108.06	-4.77	30.0	7.1	330/30/155	1436	183/280/55	8
912	1963-12-18	-176.51	-24.78	35.0	7.7	63/36/26	1300	120/90/210	7
913	1964-02-06	-156.07	55.64	3.7	7.1	247/8/95	1220	151/243/341	4
914	1964-03-28	-147.63	61.02	36.5	9.2	237/12/73	-	151/243/341	4
915	1964-04-23	133.94	-5.42	5.9	7.1	185/43/-75	1497	335/200/65	6, 8
916	1964-06-16	139.23	38.44	10.2	7.6	290/25/140	332	108/200/306	5
917	1964-06-23	146.15	43.27	75.0	7.2	213/15/89	1125	128/34/296	5
918	1964-07-06	-100.51	18.19	92.4	7.2	300/44/-83	1598	220/320/76	2
919	1964-07-08	129.74	-5.60	206.8	7.0	43/42/-44	1424	156/66/0	6, 8
920	1964-07-09	167.75	-15.58	130.5	7.3	356/29/79	1435	255/348/117	7
921	1964-08-13	154.28	-5.49	385.7	7.0	133/45/91	1286	217/308/46	6, 7

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
922	1964-10-18	123.81	-7.18	581.7	7.0	225/50/-131	1305	156/66/0	6, 8
923	1964-11-17	150.73	-5.75	50.5	7.1	193/67/-166	1180	160/251/48	6, 7
924	1965-01-24	125.96	-2.45	28.6	8.2	196/65/-153	1331	156/66/0	6, 8
925	1965-02-04	178.50	51.21	28.8	8.7	289/22/137	1386	153/58/305	4, 5
926	1965-02-04	179.56	51.40	7.9	7.8	274/21/118	1448	153/58/305	4, 5
927	1965-03-28	-71.21	-32.49	71.0	7.3	234/32/155	1177	272/181/89	1
928	1965-03-30	177.93	50.31	18.9	7.7	280/19/122	1394	153/58/305	4, 5
929	1965-05-20	167.50	-14.64	9.7	7.6	189/58/147	1575	255/348/117	7
930	1965-06-11	148.94	44.61	46.2	7.1	237/16/116	1075	128/34/296	5
931	1965-08-11	166.99	-15.47	17.4	7.2	332/39/55	1232	255/348/117	7
932	1965-08-11	167.26	-15.80	46.2	7.6	332/39/55	1232	255/348/117	7
933	1965-08-13	166.96	-15.81	20.6	7.3	332/39/55	1232	255/348/117	7
934	1965-08-23	-95.85	16.18	10.5	7.4	268/16/61	1632	220/320/76	2
935	1966-03-12	122.69	24.31	27.5	7.4	214/64/-172	1086	92/183/275	5, 6
936	1966-06-15	160.88	-10.35	2.8	7.1	285/50/57	1591	217/308/46	7
937	1966-06-15	161.03	-10.11	13.0	7.3	285/50/57	1591	217/308/46	7
938	1966-06-22	124.65	-7.26	526.8	7.0	67/27/72	1404	156/66/0	6, 8
939	1966-07-04	179.88	51.82	15.0	7.3	274/21/118	1448	153/58/305	4, 5
940	1966-09-08	128.39	2.35	81.0	7.2	124/84/0	1626	156/66/0	6, 8
941	1966-10-17	-78.68	-10.80	34.3	8.2	335/14/88	1298	247/337/68	1
942	1966-12-28	-70.66	-25.50	30.0	7.7	9/20/110	1160	265/172/71	1
943	1966-12-31	166.44	-11.89	82.7	7.2	338/23/101	1438	255/348/117	7
944	1966-12-31	166.68	-12.33	23.8	7.2	344/41/87	1475	255/348/117	7
945	1967-01-05	102.92	48.20	14.3	7.0	231/35/138	1456	189/60/279	-
946	1967-02-09	-74.80	2.89	41.4	7.2	137/41/-163	1123	90/264/358	2
947	1967-02-15	-71.33	-9.12	600.9	7.0	350/30/-81	1577	247/337/68	1
948	1967-03-13	-74.84	-40.19	23.6	7.3	5/13/97	1502	272/181/89	1
949	1967-10-09	-179.06	-21.30	636.4	7.3	14/11/-93	1094	120/90/210	7

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
950	1967-10-25	122.22	24.46	67.2	7.0	207/27/108	1089	95/186/317	5, 6
951	1967-12-21	-69.95	-21.86	44.7	7.4	358/23/92	1445	80/169/67	1
952	1967-12-25	153.76	-5.29	51.7	7.2	136/42/87	1285	160/251/48	6, 7
953	1967-12-27	-68.18	-21.21	116.3	7.0	181/27/-73	1087	80/169/67	1
954	1968-01-29	146.70	43.59	39.2	7.3	213/15/89	1125	128/34/296	5
955	1968-02-12	153.40	-5.50	23.4	7.4	136/42/87	1285	160/251/48	6, 7
956	1968-02-26	121.41	22.76	16.5	7.2	3/30/61	1339	95/186/317	5, 6
957	1968-04-01	132.19	32.48	15.0	7.5	227/12/90	-	288/90/198	5
958	1968-04-09	-116.19	33.16	15.0	6.8	313/88/-174	1484	19/90/109	3
959	1968-05-16	142.79	41.60	9.0	7.8	183/14/69	1221	108/200/306	5
960	1968-05-16	143.22	39.88	9.2	7.2	183/14/69	1221	108/200/306	5
961	1968-05-16	143.35	40.90	26.0	8.3	183/15/72	-	108/200/306	5
962	1968-05-20	150.36	44.80	28.1	7.1	225/12/95	1293	149/57/253	5
963	1968-05-23	172.12	-41.74	46.8	7.2	226/33/141	1590	105/330/195	7
964	1968-05-28	139.41	-2.92	63.8	7.2	9/59/153	1081	239/332/105	6, 8
965	1968-06-12	142.89	39.50	31.4	7.1	183/14/69	1221	108/200/306	5
966	1968-07-25	-178.14	-30.81	64.7	7.1	213/20/-99	1307	120/90/210	7
967	1968-08-01	122.08	16.38	52.1	7.7	207/27/108	1089	95/186/317	6
968	1968-08-02	-97.77	16.49	49.2	7.3	292/13/83	1603	220/320/76	2
969	1968-08-03	128.47	25.65	29.2	7.1	91/80/9	1480	134/225/320	5, 6
970	1968-08-10	126.26	1.42	19.3	7.6	15/39/67	1627	92/183/275	6, 8
971	1968-08-14	119.69	0.06	17.3	7.3	36/6/54	1295	348/81/178	6, 8
972	1968-08-18	159.96	-10.21	542.9	7.3	296/37/30	1166	217/308/46	7
973	1968-10-07	140.69	26.29	518.9	7.3	36/25/-39	1571	127/32/232	5, 6
974	1968-10-23	143.32	-3.37	9.7	7.1	106/34/43	1379	239/332/105	6, 7
975	1969-01-05	158.97	-7.99	62.8	7.2	283/25/64	1091	217/308/46	6, 7
976	1969-01-19	143.21	44.89	237.5	7.2	250/20/130	1391	128/34/296	5
977	1969-01-30	127.44	4.76	73.8	7.1	34/46/134	1617	92/183/275	6, 8

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
978	1969-02-10	178.79	-22.80	659.2	7.2	305/57/14	1608	120/90/210	7
979	1969-02-11	126.69	-6.79	426.8	7.2	354/41/-140	1148	156/66/0	6, 8
980	1969-05-14	-179.86	51.28	17.0	6.8	274/21/118	1448	153/58/305	4
981	1969-07-18	119.45	38.42	10.9	7.2	72/44/-110	1084	108/200/306	-
982	1969-08-05	126.19	1.24	26.7	6.8	171/45/60	1357	92/183/275	6, 8
983	1969-08-11	126.34	1.83	27.4	7.1	15/39/67	1627	92/183/275	6, 8
984	1969-08-11	147.82	43.48	45.6	8.2	158/41/24	1273	128/34/296	5
985	1969-08-17	-109.69	24.84	32.0	7.2	131/74/-177	1525	355/115/262	2, 3
986	1969-11-21	94.57	1.97	10.3	7.6	342/15/101	1411	236/90/326	8
987	1969-11-22	163.60	57.73	9.2	7.8	58/68/-19	1616	153/58/305	5
988	1970-01-04	102.46	24.15	14.1	7.2	333/78/174	1216	189/60/279	-
989	1970-01-08	178.85	-34.88	207.6	7.0	80/61/-12	1369	120/90/210	7
990	1970-01-10	126.69	6.79	59.7	7.0	175/45/63	1295	92/183/275	6, 8
991	1970-01-20	-177.17	-25.87	45.0	7.2	34/25/38	1447	120/90/210	7
992	1970-03-30	126.62	6.76	63.1	7.1	175/45/63	1295	92/183/275	6, 8
993	1970-04-07	121.66	15.77	29.7	7.2	243/86/178	1231	95/186/317	6
994	1970-04-12	122.01	15.09	15.6	6.8	19/43/83	1507	95/186/317	6
995	1970-04-20	169.37	-18.81	246.0	7.0	312/36/-90	1615	255/348/117	7
996	1970-04-29	-92.76	14.46	50.0	7.3	289/24/76	1264	218/127/31	2
997	1970-05-27	140.23	27.20	403.2	7.1	36/25/-39	1571	127/32/232	5, 6
998	1970-05-31	-78.84	-9.25	73.2	7.4	335/14/88	1298	247/337/68	1
999	1970-07-25	131.68	32.25	45.1	7.0	227/12/90	957	288/90/198	5
1000	1970-07-31	-72.56	-1.49	644.8	7.4	166/33/-94	1622	279/11/178	1
1001	1970-08-11	166.57	-14.10	39.7	7.1	347/44/96	1487	255/348/117	7
1002	1970-08-30	151.62	52.35	649.5	7.3	226/16/99	1242	149/57/253	5
1003	1970-10-31	145.47	-4.91	8.3	7.3	82/83/4	1197	160/251/48	6, 7
1004	1970-12-02	163.49	-11.01	2.7	6.8	91/43/77	1556	172/284/71	7
1005	1970-12-10	-80.66	-4.08	19.5	7.1	335/14/88	1298	247/337/68	1

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
1006	1971-01-10	139.74	-3.23	55.2	7.7	9/59/153	1081	239/332/105	6, 8
1007	1971-02-04	98.67	0.55	59.9	6.8	316/8/96	1498	236/90/326	8
1008	1971-05-02	-177.25	51.43	19.5	6.8	274/21/118	1448	153/58/305	4
1009	1971-06-17	-69.05	-25.42	90.3	7.2	9/20/110	1160	265/172/71	1
1010	1971-07-09	-71.09	-32.56	59.0	7.8	234/32/155	1177	272/181/89	1
1011	1971-07-14	153.77	-5.60	55.7	7.1	136/42/87	1285	160/251/48	6, 7
1012	1971-07-14	153.90	-5.52	44.5	8.0	140/30/91	1419	160/251/48	6, 7
1013	1971-07-19	153.86	-5.75	30.9	6.8	136/42/87	1285	160/251/48	6, 7
1014	1971-07-26	153.18	-4.89	37.0	8.1	253/15/93	1355	160/251/48	6, 7
1015	1971-07-27	-77.36	-2.83	93.6	7.2	163/26/-55	1618	279/11/178	1
1016	1971-08-02	143.46	41.38	54.0	7.2	183/14/69	1221	108/200/306	5
1017	1971-09-05	141.19	46.56	17.4	7.3	250/20/130	1391	128/34/296	5
1018	1971-11-21	166.62	-11.88	114.7	7.1	338/23/101	1438	255/348/117	7
1019	1971-11-24	159.17	52.81	116.2	7.3	283/25/64	1091	217/308/46	5
1020	1971-12-15	163.17	56.02	21.8	7.8	58/68/-19	1616	153/58/305	5
1021	1972-01-23	166.37	-13.23	51.5	6.8	341/43/83	1476	255/348/117	7
1022	1972-01-25	122.12	23.04	12.2	6.8	239/53/158	1112	95/186/317	5, 6
1023	1972-01-25	122.33	22.55	10.0	7.5	239/53/158	1112	95/186/317	5, 6
1024	1972-02-14	166.41	-11.43	106.4	7.2	338/23/101	1438	255/348/117	7
1025	1972-02-29	140.88	33.38	58.7	7.5	36/25/-39	1571	127/32/232	5
1026	1972-03-30	179.63	-25.74	496.2	7.3	305/57/14	1608	120/90/210	7
1027	1972-04-25	120.31	13.39	29.7	7.2	339/70/-178	1275	92/183/275	6
1028	1972-04-28	154.23	-5.14	408.8	7.2	298/37/65	1595	217/308/46	6, 7
1029	1972-05-22	-175.01	-17.83	224.6	7.2	14/11/-93	1094	120/90/210	7
1030	1972-06-11	124.23	3.86	329.5	7.8	134/47/-114	-	92/183/275	6, 8
1031	1972-07-30	-136.10	56.70	7.7	7.6	333/60/179	1536	216/124/24	3, 4
1032	1972-08-17	152.93	-6.00	15.4	6.8	325/43/96	1338	160/251/48	6, 7
1033	1972-11-02	169.01	-20.04	38.6	6.8	340/30/101	1454	255/348/117	7

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
1034	1972-12-02	126.65	6.46	82.7	7.3	34/46/134	1617	92/183/275	6, 8
1035	1972-12-04	140.71	33.33	70.8	7.2	36/25/-39	1571	127/32/232	5
1036	1973-01-30	-102.96	18.46	37.3	7.6	85/4/-175	1310	220/320/76	2
1037	1973-02-06	100.50	31.36	5.9	7.4	333/78/174	1216	189/60/279	-
1038	1973-02-28	156.62	50.48	59.9	7.1	324/39/-29	1582	149/57/253	5
1039	1973-03-17	122.79	13.40	45.0	6.8	19/43/83	1507	92/183/275	6
1040	1973-06-17	145.74	43.22	43.6	7.8	242/26/122	1408	128/34/296	5
1041	1973-06-24	146.42	43.36	30.5	7.3	213/15/89	1125	128/34/296	5
1042	1973-08-28	-96.61	18.23	80.5	7.2	300/44/-83	1598	220/320/76	2
1043	1973-09-29	130.98	41.91	569.9	7.8	27/13/105	1376	108/200/306	5
1044	1973-12-28	166.78	-14.51	23.5	7.3	347/44/96	1487	255/348/117	7
1045	1974-01-02	-68.32	-22.45	120.7	7.1	85/4/-175	1310	80/169/67	1
1046	1974-01-10	166.96	-14.53	53.6	7.1	347/44/96	1487	255/348/117	7
1047	1974-01-31	155.95	-7.40	35.8	7.3	305/14/79	1434	217/308/46	6, 7
1048	1974-02-01	155.74	-7.21	34.6	7.4	305/14/79	1434	217/308/46	6, 7
1049	1974-03-23	179.96	-24.02	519.8	7.0	305/57/14	1608	120/90/210	7
1050	1974-05-08	138.77	34.57	11.9	7.2	290/25/140	332	108/200/306	5
1051	1974-07-02	-175.82	-29.25	3.7	7.4	170/52/-100	1509	120/90/210	7
1052	1974-07-04	93.94	45.19	15.8	7.5	94/61/-12	1369	38/142/298	-
1053	1974-07-13	-77.63	7.74	3.0	7.2	78/67/161	1082	90/264/358	2
1054	1974-08-18	-73.46	-38.43	8.7	6.8	5/13/97	1502	272/181/89	1
1055	1974-10-03	-77.52	-12.25	35.8	8.1	350/17/93	-	247/337/68	1
1056	1974-10-23	154.14	-8.45	35.1	7.1	323/43/-68	1204	217/308/46	6, 7
1057	1974-11-09	-77.63	-12.53	7.2	7.1	350/17/93	1055	247/337/68	1
1058	1974-11-29	138.36	30.68	424.0	7.1	86/17/168	1469	288/90/198	5
1059	1975-02-02	173.59	53.03	13.1	7.1	280/19/122	1394	153/58/305	4, 5
1060	1975-02-04	122.65	40.67	15.8	7.0	72/44/-110	1084	108/200/306	5
1061	1975-05-10	-73.00	-38.21	29.5	7.7	5/13/97	1502	272/181/89	1



**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
1062	1975-06-10	147.65	43.13	31.3	6.8	242/26/122	1408	128/34/296	5
1063	1975-06-29	130.09	38.73	555.8	7.1	1/28/-118	1995	108/200/306	5
1064	1975-07-20	155.10	-6.61	61.1	7.4	310/42/87	1554	217/308/46	6, 7
1065	1975-07-20	155.21	-7.08	45.3	7.3	310/42/87	1554	217/308/46	6, 7
1066	1975-10-01	102.15	-4.86	38.2	6.8	92/55/152	1351	236/90/326	8
1067	1975-10-11	-175.11	-24.91	20.8	7.4	98/22/101	120	90/210/7	-
1068	1975-10-31	126.00	12.54	51.1	7.5	145/16/65	1280	92/183/275	6
1069	1975-11-01	144.81	13.85	108.0	7.1	172/3/11	1375	127/32/232	6
1070	1975-11-29	-155.03	19.45	2.1	7.5	50/80/88	-	148/52/302	-
1071	1975-12-26	-172.36	-16.24	15.0	7.7	14/11/-93	1094	120/90/210	7
1072	1976-01-01	-176.96	-29.25	48.0	7.3	202/30/93	-	120/90/210	7
1073	1976-01-14	-177.04	-29.69	47.0	7.8	200/26/95	-	120/90/210	7
1074	1976-01-14	-176.75	-28.72	18.0	7.9	189/11/71	-	120/90/210	7
1075	1976-01-21	149.49	44.58	26.0	7.2	237/16/116	-	128/34/296	5
1076	1976-02-04	-89.78	15.14	16.0	7.5	254/73/-10	-	25/160/294	2
1077	1976-03-24	-177.51	-29.99	54.0	7.0	206/34/103	-	120/90/210	7
1078	1976-05-05	-177.43	-29.84	42.0	7.0	211/34/105	-	120/90/210	7
1079	1976-06-03	153.47	-4.75	86.0	7.1	143/31/83	-	160/251/48	6, 7
1080	1976-06-20	96.24	3.18	19.0	7.0	338/28/99	-	236/90/326	8
1081	1976-06-25	140.29	-4.66	15.0	7.1	9/59/153	-	239/332/105	6, 7
1082	1976-07-11	-78.11	7.32	15.0	7.3	78/67/161	-	218/127/31	2
1083	1976-07-27	118.03	39.52	15.0	7.6	229/43/-163	-	38/142/298	-
1084	1976-07-28	118.78	39.75	15.0	7.0	72/44/-110	-	38/142/298	-
1085	1976-08-16	123.75	7.07	33.0	8.0	341/35/92	-	92/183/275	6, 8
1086	1976-08-17	123.01	7.14	15.0	7.1	214/64/-172	-	156/66/0	6, 8
1087	1976-11-30	-68.51	-20.54	134.0	7.5	181/27/-73	-	80/169/67	1
1088	1976-12-20	-129.77	48.93	15.0	6.7	37/89/-1	-	19/90/109	3
1089	1977-03-18	122.59	16.38	35.0	7.2	207/27/108	-	134/225/320	6

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
1090	1977-04-02	-171.91	-16.77	50.0	7.3	317/41/45	-	120/90/210	7
1091	1977-04-20	159.20	-9.20	16.0	7.2	283/25/64	-	217/308/46	6, 7
1092	1977-04-20	159.79	-9.33	16.0	7.1	339/22/125	-	217/308/46	6, 7
1093	1977-04-21	160.59	-10.22	40.0	7.3	326/35/79	-	217/308/46	7
1094	1977-06-22	-174.91	-22.86	61.0	8.0	14/11/-93	-	120/90/210	7
1095	1977-07-29	155.92	-8.16	24.0	7.1	176/56/168	-	217/308/46	6, 7
1096	1977-08-19	118.23	-11.14	23.0	8.3	260/24/-73	-	183/280/55	8
1097	1977-08-27	125.72	-7.92	32.0	7.0	249/46/113	-	156/66/0	6, 8
1098	1977-10-10	-174.88	-26.10	23.0	7.3	18/38/-67	-	120/90/210	7
1099	1977-10-17	173.88	-27.93	17.0	7.0	258/55/0	-	105/330/195	7
1100	1977-11-23	-67.69	-31.22	21.0	7.4	183/44/90	-	272/181/89	1
1101	1978-02-09	-177.02	-30.60	23.0	7.0	195/29/80	-	120/90/210	7
1102	1978-03-07	137.44	31.90	434.0	7.1	18/19/133	-	288/90/198	5
1103	1978-03-23	149.23	43.81	42.0	7.0	225/20/97	-	128/34/296	5
1104	1978-03-23	149.27	44.12	28.0	7.6	224/11/91	-	128/34/296	5
1105	1978-03-24	148.98	44.20	31.0	7.5	223/18/93	-	128/34/296	5
1106	1978-06-12	142.07	38.02	37.0	7.6	200/20/91	-	108/200/306	5
1107	1978-07-23	121.60	22.01	29.0	7.2	224/36/123	-	95/186/317	5, 6
1108	1978-11-04	161.82	-11.16	33.0	7.0	279/34/33	-	172/284/71	7
1109	1978-11-05	162.09	-10.94	40.0	7.0	287/24/46	-	172/284/71	7
1110	1978-11-29	-96.56	16.22	16.0	7.8	274/7/57	-	220/320/76	2
1111	1978-12-06	145.82	44.74	181.0	7.8	64/57/-172	-	128/34/296	5
1112	1978-12-23	122.63	23.19	21.0	7.0	239/53/158	-	134/225/320	5, 6
1113	1979-02-16	-72.48	-16.88	34.0	7.1	59/16/25	-	250/154/20	1
1114	1979-02-28	-141.39	60.50	19.0	7.5	271/13/96	-	151/243/341	4
1115	1979-03-14	-101.37	17.78	15.0	7.4	293/14/90	-	220/320/76	2
1116	1979-04-10	127.32	3.13	41.0	7.0	135/21/49	-	92/183/275	6, 8
1117	1979-05-01	169.97	-21.27	73.0	7.4	18/41/-170	-	255/348/117	7

Table S1. (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
1118	1979-07-24	107.68	-11.26	20.0	7.0	65/46/-180	-	183/280/55	8
1119	1979-09-12	136.06	-1.78	16.0	7.5	100/71/5	-	335/200/65	6, 8
1120	1979-10-12	165.77	-46.54	20.0	7.3	19/15/136	-	293/26/202	7
1121	1979-10-17	145.30	18.54	584.0	7.0	20/54/-45	-	127/32/232	6
1122	1979-10-23	161.35	-10.58	31.0	7.0	324/29/78	-	217/308/46	7
1123	1979-11-23	-75.58	5.18	109.0	7.2	137/41/-163	-	90/264/358	2
1124	1979-12-12	-78.81	2.32	20.0	8.1	30/16/118	-	90/264/358	2
1125	1980-02-23	146.91	43.21	34.0	7.1	213/15/89	-	128/34/296	5
1126	1980-03-08	171.65	-22.86	27.0	7.2	300/17/120	-	255/348/117	7
1127	1980-04-13	-176.70	-23.74	166.0	7.6	144/25/-154	-	120/90/210	7
1128	1980-07-08	166.21	-12.92	44.0	7.5	157/42/78	-	255/348/117	7
1129	1980-07-16	143.18	-4.68	82.0	7.3	276/22/101	-	239/332/105	6, 7
1130	1980-07-17	165.94	-12.44	34.0	7.7	351/31/102	-	255/348/117	7
1131	1980-10-24	-97.86	18.14	63.0	7.1	311/26/-66	-	220/320/76	2
1132	1980-10-25	169.83	-22.16	11.0	7.1	324/27/108	-	255/348/117	7
1133	1980-10-25	169.84	-21.76	29.0	7.4	330/23/103	-	255/348/117	7
1134	1980-11-08	-124.36	41.14	15.0	7.3	320/63/178	-	19/90/109	3
1135	1980-11-17	-130.54	49.37	10.0	6.7	146/90/180	-	19/90/109	3, 4
1136	1981-01-18	143.04	38.15	20.0	7.0	186/15/70	-	108/200/306	5
1137	1981-01-30	176.10	51.52	20.0	7.0	275/22/114	-	153/58/305	4, 5
1138	1981-05-25	164.39	-48.94	33.0	7.6	302/83/-5	-	293/26/202	7
1139	1981-07-06	170.90	-22.31	58.0	7.5	345/30/-179	-	255/348/117	7
1140	1981-07-15	167.27	-17.34	30.0	7.1	338/27/83	-	255/348/117	7
1141	1981-09-01	-173.16	-15.02	20.0	7.5	115/37/-73	-	79/169/345	7
1142	1981-10-16	-73.15	-33.48	40.0	7.1	194/34/96	-	272/181/89	1
1143	1981-10-25	-102.00	18.28	15.0	7.2	300/14/90	-	220/320/76	2
1144	1981-11-03	-128.20	43.36	10.0	6.4	297/90/180	-	19/90/109	3
1145	1981-12-26	-177.75	-29.86	30.0	7.0	203/28/104	-	120/90/210	7

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
1146	1982-01-11	124.35	13.91	17.0	7.1	132/13/51	-	92/183/275	6
1147	1982-06-19	-88.97	12.65	52.0	7.3	102/25/-106	-	218/127/31	2
1148	1982-06-22	125.99	-7.28	473.0	7.4	354/41/-140	-	156/66/0	6, 8
1149	1982-06-30	151.18	44.59	26.0	7.1	128/28/-3	-	149/57/253	5
1150	1982-07-07	160.41	-51.18	10.0	7.2	65/62/-178	-	208/338/117	-
1151	1982-07-23	141.91	35.98	27.0	7.0	203/14/86	-	108/200/306	5
1152	1982-12-19	-175.10	-24.31	29.0	7.5	198/22/101	-	120/90/210	7
1153	1983-01-26	-179.21	-30.52	224.0	7.0	278/7/-78	-	120/90/210	7
1154	1983-03-18	153.34	-4.86	70.0	7.7	170/49/120	-	160/251/48	6, 7
1155	1983-04-03	-83.25	8.85	28.0	7.4	310/25/110	-	218/127/31	2
1156	1983-04-04	94.65	5.72	72.0	7.0	207/51/51	-	236/90/326	8
1157	1983-04-12	-78.07	-4.92	111.0	7.0	339/35/-86	-	279/11/178	1
1158	1983-05-26	138.87	40.44	8.1	7.7	5/20/90	-	288/90/198	5
1159	1983-08-17	161.75	55.30	77.0	7.0	216/41/60	-	137/46/310	5
1160	1983-10-04	-70.56	-26.01	39.0	7.6	9/20/110	-	265/172/71	1
1161	1983-11-24	128.32	-7.44	157.0	7.4	74/39/59	-	156/66/0	6, 8
1162	1983-11-30	71.75	-6.35	10.0	7.7	293/35/-52	-	113/270/22	-
1163	1983-12-02	-92.20	13.86	31.0	7.0	296/19/89	-	218/127/31	2
1164	1983-12-30	70.41	37.17	212.0	7.4	273/18/81	-	128/219/34	-
1165	1984-01-01	136.81	33.38	384.0	7.1	31/23/137	-	108/200/306	5
1166	1984-02-07	160.42	-9.81	22.0	7.5	296/37/30	-	217/308/46	7
1167	1984-03-05	123.86	8.26	644.0	7.2	193/34/-111	-	92/183/275	6, 8
1168	1984-03-06	139.11	29.60	446.0	7.4	68/20/-173	-	108/200/306	5, 6
1169	1984-03-24	148.62	44.17	31.0	7.1	229/17/109	-	128/34/296	5
1170	1984-05-30	151.64	-5.02	157.0	7.1	246/29/115	-	160/251/48	6, 7
1171	1984-08-06	122.38	-0.29	253.0	7.4	116/33/-28	-	182/91/348	6, 8
1172	1984-10-15	-173.40	-15.81	120.0	7.1	66/15/-5	-	79/169/345	7
1173	1984-11-15	170.67	-22.10	99.0	7.0	356/27/172	-	255/348/117	7

Table S1. (continued)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
1174	1984-11-17	97.84	-0.23	25.0	7.1	334/10/116	-	236/90/326	8
1175	1984-11-20	125.56	5.02	181.0	7.5	172/25/-74	-	92/183/275	6, 8
1176	1985-03-03	-71.71	-33.92	41.0	8.2	5/25/115	-	272/181/89	1
1177	1985-03-04	-71.79	-33.06	33.0	7.4	234/32/155	-	272/181/89	1
1178	1985-03-13	-128.03	43.54	10.0	6.4	297/72/-172	-	19/90/109	3
1179	1985-04-09	-71.86	-34.26	47.0	7.1	0/21/99	-	272/181/89	1
1180	1985-05-10	150.97	-5.68	25.0	7.2	193/67/-166	-	160/251/48	6, 7
1181	1985-07-03	152.58	-4.28	31.0	7.2	169/37/106	-	160/251/48	6, 7
1182	1985-07-29	70.96	36.33	98.0	7.4	52/38/72	-	128/219/34	-
1183	1985-09-19	-101.99	17.91	17.0	8.0	300/14/61	-	220/320/76	2
1184	1985-09-21	-101.42	17.57	20.0	7.5	300/14/100	-	220/320/76	2
1185	1985-11-17	134.71	-1.63	13.0	7.1	179/64/174	-	335/200/65	6, 8
1186	1985-11-28	166.08	-13.76	44.0	7.0	262/68/13	-	255/348/117	7
1187	1985-12-21	166.57	-13.89	46.0	7.1	165/44/88	-	255/348/117	7
1188	1986-01-15	169.91	-21.26	121.0	7.0	17/28/164	-	255/348/117	7
1189	1986-05-07	-175.43	51.33	31.0	7.9	246/22/85	-	152/60/318	4
1190	1986-05-26	179.03	-20.24	568.0	7.1	197/21/-176	-	120/90/210	7
1191	1986-06-16	-178.87	-21.86	565.0	7.0	241/19/-70	-	120/90/210	7
1192	1986-06-24	143.64	-4.42	100.0	7.2	320/19/114	-	239/332/105	6, 7
1193	1986-08-14	126.89	2.08	20.0	7.5	347/16/34	-	92/183/275	6, 8
1194	1986-10-20	-176.07	-27.93	50.0	7.7	270/56/158	-	120/90/210	7
1195	1986-10-30	-176.45	-21.68	196.0	7.1	215/5/-75	-	120/90/210	7
1196	1986-11-14	121.85	23.97	33.0	7.3	210/33/87	-	95/186/317	5, 6
1197	1987-02-08	147.72	-5.90	15.0	7.3	82/83/4	-	160/251/48	6, 7
1198	1987-03-05	-70.93	-24.38	42.0	7.5	12/23/106	-	80/169/67	1
1199	1987-03-06	-77.84	-0.06	15.0	7.1	195/27/98	-	279/11/178	1
1200	1987-06-17	131.20	-5.53	75.0	7.1	305/50/142	-	156/66/0	6, 8
1201	1987-08-08	-70.02	-18.96	80.0	7.2	176/20/-87	-	80/169/67	1

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
1202	1987-09-03	158.80	-59.28	15.0	7.4	155/69/-172	-	235/118/327	-
1203	1987-10-06	-171.93	-18.29	15.0	7.2	352/42/-113	-	120/90/210	7
1204	1987-10-12	154.05	-7.12	18.0	7.0	323/43/-68	-	217/308/46	6, 7
1205	1987-10-16	149.44	-6.22	48.0	7.3	266/32/90	-	160/251/48	6, 7
1206	1987-11-17	-143.62	58.87	15.0	7.1	262/57/-6	-	151/243/341	4
1207	1987-11-30	-142.04	58.17	15.0	7.8	355/70/-172	-	151/243/341	4
1208	1988-01-19	-70.55	-24.86	31.0	7.0	353/17/87	-	80/169/67	1
1209	1988-02-05	-70.56	-24.93	17.0	7.2	353/17/82	-	80/169/67	1
1210	1988-02-24	125.03	13.42	35.0	7.2	153/20/80	-	92/183/275	6
1211	1988-03-06	-143.53	57.37	15.0	7.7	182/75/-168	-	151/243/341	4
1212	1988-04-12	-72.83	-17.55	15.0	7.1	322/11/87	-	80/169/67	1
1213	1988-08-06	94.89	25.19	100.0	7.2	284/45/55	-	189/60/279	-
1214	1988-08-10	160.77	-10.49	16.0	7.5	346/19/116	-	217/308/46	7
1215	1988-10-08	-172.28	-18.82	45.0	7.1	196/43/90	-	120/90/210	7
1216	1988-11-06	99.68	23.00	15.0	7.0	333/78/174	-	189/60/279	-
1217	1989-02-10	126.72	2.64	44.0	7.1	26/31/87	-	92/183/275	6, 8
1218	1989-05-05	-71.49	-8.05	606.0	7.1	344/31/-84	-	247/337/68	1
1219	1989-05-23	160.41	-52.15	15.0	8.0	34/69/170	-	208/338/117	-
1220	1989-09-04	-157.23	55.66	26.0	7.0	247/8/95	-	151/243/341	4
1221	1989-11-01	143.08	39.95	24.0	7.4	183/14/69	-	108/200/306	5
1222	1989-12-15	126.96	7.88	37.0	7.5	176/34/66	-	92/183/275	6, 8
1223	1990-03-03	175.35	-22.05	25.0	7.6	228/68/4	-	120/90/210	7
1224	1990-03-05	168.04	-18.35	37.0	7.0	350/28/104	-	255/348/117	7
1225	1990-03-25	-84.58	9.95	18.0	7.3	303/11/104	-	90/264/358	2
1226	1990-04-05	148.08	15.57	15.0	7.4	185/31/-108	-	127/32/232	6
1227	1990-04-18	123.35	1.31	33.0	7.6	112/31/122	-	92/183/275	6, 8
1228	1990-05-12	141.38	48.94	612.0	7.2	172/29/-151	-	127/219/318	5
1229	1990-05-24	120.95	-7.30	580.0	7.0	46/25/-107	-	182/91/348	6, 8

Table S1. (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
1230	1990-06-14	121.86	11.70	15.0	7.1	224/78/-169	-	95/186/317	6
1231	1990-07-16	121.23	15.97	15.0	7.7	243/86/178	-	95/186/317	6
1232	1990-07-27	167.26	-15.50	129.0	7.2	332/39/55	-	255/348/117	7
1233	1990-08-12	169.05	-19.58	165.0	7.0	327/17/72	-	255/348/117	7
1234	1990-11-06	169.41	53.77	27.0	7.1	308/23/159	-	153/58/305	5
1235	1990-12-30	150.73	-5.23	205.0	7.4	204/38/16	-	160/251/48	6, 7
1236	1991-04-22	-82.77	10.10	15.0	7.6	103/25/58	-	218/127/31	2
1237	1991-06-20	123.23	1.04	15.0	7.5	109/7/102	-	92/183/275	6, 8
1238	1991-06-23	-63.25	-27.23	570.0	7.2	15/26/-60	-	265/172/71	1
1239	1991-08-17	-125.63	41.71	15.0	7.0	314/62/176	-	177/22/268	3
1240	1991-10-14	158.36	-9.17	30.0	7.2	300/29/51	-	217/308/46	6, 7
1241	1991-11-19	-77.18	4.80	19.0	7.2	13/13/95	-	90/264/358	2
1242	1991-12-22	151.55	45.58	31.0	7.6	226/16/99	-	149/57/253	5
1243	1992-04-06	-130.52	50.86	15.0	6.7	331/73/-169	-	19/90/109	3, 4
1244	1992-04-25	-124.31	40.25	15.0	7.2	331/9/68	-	19/90/109	3
1245	1992-05-15	147.59	-6.35	40.0	7.2	282/34/88	-	160/251/48	6, 7
1246	1992-05-17	126.96	7.27	34.0	7.1	173/29/53	-	92/183/275	6, 8
1247	1992-05-17	127.18	7.33	24.0	7.2	176/25/67	-	92/183/275	6, 8
1248	1992-05-27	165.06	-11.20	19.0	7.0	168/35/-84	-	172/284/71	7
1249	1992-06-28	-116.65	34.65	7.0	7.3	330/89/180	-	19/90/109	3
1250	1992-07-11	-177.96	-22.45	394.0	7.2	167/18/-131	-	120/90/210	7
1251	1992-08-19	73.32	42.19	17.0	7.2	250/31/74	-	128/219/34	-
1252	1992-09-02	-87.81	11.20	15.0	7.6	303/12/91	-	218/127/31	2
1253	1992-10-11	168.83	-19.17	141.0	7.4	293/35/21	-	255/348/117	7
1254	1992-10-18	-76.34	7.27	15.0	7.1	270/45/167	-	90/264/358	2
1255	1992-12-12	122.49	-8.34	20.0	7.7	80/40/95	-	156/66/0	6, 8
1256	1992-12-20	130.52	-6.60	70.0	7.2	89/53/37	-	156/66/0	6, 8
1257	1993-01-15	144.29	43.06	100.0	7.6	133/6/-36	-	108/200/306	5

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
1258	1993-03-06	164.02	-10.73	15.0	7.1	252/55/7	-	172/284/71	7
1259	1993-05-11	127.00	7.07	46.0	7.0	175/45/63	-	92/183/275	6, 8
1260	1993-06-08	158.75	51.36	46.0	7.5	207/29/79	-	149/57/253	5
1261	1993-07-12	139.28	42.71	17.0	7.7	200/30/94	-	108/200/306	5
1262	1993-08-08	145.31	13.06	59.0	7.7	312/18/147	-	127/32/232	6
1263	1993-08-09	70.47	36.48	214.0	7.0	271/24/73	-	128/219/34	-
1264	1993-09-10	-92.99	14.41	29.0	7.2	289/24/76	-	218/127/31	2
1265	1993-11-13	159.27	52.00	54.0	7.0	206/31/83	-	137/46/310	5
1266	1993-12-29	169.94	-20.39	15.0	7.0	200/58/-21	-	255/348/117	7
1267	1994-03-09	-178.11	-17.69	568.0	7.6	250/27/-30	-	120/90/210	7
1268	1994-06-02	113.04	-11.03	15.0	7.8	278/7/89	-	183/280/55	8
1269	1994-06-09	-67.25	-13.82	647.0	8.2	302/10/-60	-	250/154/20	1
1270	1994-07-13	167.35	-16.50	25.0	7.2	272/42/2	-	255/348/117	7
1271	1994-07-21	133.04	42.30	489.0	7.3	64/34/178	-	288/90/198	5
1272	1994-09-01	-125.78	40.59	15.0	7.0	274/65/176	-	177/22/268	3
1273	1994-10-04	147.63	43.60	68.0	8.3	158/41/24	-	128/34/296	5
1274	1994-10-09	147.96	43.87	33.0	7.3	227/19/104	-	128/34/296	5
1275	1994-11-14	121.32	13.44	15.0	7.1	339/70/-178	-	95/186/317	6
1276	1994-12-28	142.99	40.56	26.0	7.7	183/15/72	-	128/34/296	5
1277	1995-02-05	179.40	-37.61	15.0	7.1	35/32/-90	-	120/90/210	7
1278	1995-04-07	-173.15	-15.37	88.0	7.3	188/18/159	-	79/169/345	7
1279	1995-04-21	125.69	12.27	22.0	7.1	153/22/61	-	92/183/275	6
1280	1995-05-05	125.30	12.67	18.0	7.0	145/16/65	-	92/183/275	6
1281	1995-05-16	170.00	-23.05	25.0	7.7	280/35/-99	-	255/348/117	7
1282	1995-05-27	142.65	53.03	24.0	7.0	287/79/8	-	108/200/306	5
1283	1995-07-03	-177.22	-29.13	45.0	7.1	197/28/95	-	120/90/210	7
1284	1995-07-30	-70.74	-24.17	29.0	8.0	354/22/87	-	80/169/67	1
1285	1995-08-16	153.64	-5.51	46.0	7.7	136/42/87	-	160/251/48	6, 7



Table S1. (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
1286	1995-08-16	154.19	-6.08	45.0	7.2	133/45/91	-	217/308/46	6, 7
1287	1995-08-23	145.30	18.88	599.0	7.0	136/42/-118	-	127/32/232	6
1288	1995-09-14	-98.54	16.73	15.9	7.3	289/11/75	-	220/320/76	2
1289	1995-10-03	-77.53	-2.55	25.0	7.0	234/39/120	-	279/11/178	1
1290	1995-10-09	-104.80	19.34	16.0	8.0	309/14/93	-	220/320/76	2
1291	1995-10-18	130.18	28.06	18.0	7.1	1/28/-118	-	108/200/306	5, 6
1292	1995-10-21	-93.42	16.67	164.0	7.2	223/14/0	-	220/320/76	2
1293	1995-12-03	150.17	44.82	26.0	7.9	225/12/95	-	149/57/253	5
1294	1995-12-25	129.65	-6.93	161.0	7.1	277/47/144	-	156/66/0	6, 8
1295	1996-01-01	119.93	0.74	15.0	7.9	36/6/54	-	348/81/178	6, 8
1296	1996-02-07	150.45	45.29	49.0	7.1	235/28/113	-	149/57/253	5
1297	1996-02-17	136.62	-0.67	15.0	8.2	103/11/69	-	335/200/65	6, 8
1298	1996-02-21	-80.23	-9.95	15.0	7.5	335/14/88	-	247/337/68	1
1299	1996-02-25	-97.98	15.88	15.0	7.1	280/16/74	-	220/320/76	2
1300	1996-04-16	-176.47	-23.98	116.0	7.1	63/36/26	-	120/90/210	7
1301	1996-04-29	155.07	-6.65	54.0	7.2	138/45/99	-	217/308/46	6, 7
1302	1996-06-10	-177.41	51.10	29.0	7.9	248/17/84	-	153/58/305	4
1303	1996-06-10	-176.49	51.38	36.0	7.2	258/25/105	-	153/58/305	4
1304	1996-06-11	125.41	12.74	28.0	7.1	144/23/60	-	92/183/275	6
1305	1996-06-17	123.02	-7.38	584.0	7.8	225/50/-131	-	156/66/0	6, 8
1306	1996-07-22	120.65	1.34	28.0	7.0	57/14/63	-	348/81/178	6, 8
1307	1996-08-05	-178.16	-20.72	555.0	7.4	213/20/-99	-	120/90/210	7
1308	1996-11-12	-75.37	-15.04	21.0	7.7	312/33/61	-	250/154/20	1
1309	1997-01-11	-102.58	18.34	40.0	7.1	175/18/-28	-	220/320/76	2
1310	1997-01-23	-65.92	-22.04	282.0	7.1	85/4/-175	-	80/169/67	1
1311	1997-04-21	166.20	-13.21	51.0	7.7	301/39/40	-	255/348/117	7
1312	1997-05-25	-179.95	-32.02	345.0	7.1	236/44/158	-	120/90/210	7
1313	1997-09-20	-176.99	-28.83	46.0	7.0	195/29/90	-	120/90/210	7

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
1314	1997-10-14	-176.15	-21.94	166.0	7.7	257/17/-30	-	120/90/210	7
1315	1997-10-15	-71.42	-31.06	70.0	7.1	315/12/-128	-	272/181/89	1
1316	1997-10-28	-76.55	-4.44	119.0	7.2	339/38/-89	-	279/11/178	1
1317	1997-11-08	86.96	35.33	16.0	7.5	79/69/2	-	38/142/298	-
1318	1997-11-15	167.21	-14.92	122.0	7.0	357/42/75	-	255/348/117	7
1319	1997-11-25	122.71	1.37	29.0	7.0	98/21/93	-	182/91/348	6, 8
1320	1997-12-05	161.91	54.31	34.0	7.8	202/23/74	-	137/46/310	5
1321	1997-12-22	148.05	-5.56	196.0	7.1	318/67/-164	-	160/251/48	6, 7
1322	1998-01-04	171.08	-22.31	114.0	7.4	348/47/160	-	255/348/117	7
1323	1998-01-30	-70.62	-24.02	41.0	7.0	8/17/105	-	80/169/67	1
1324	1998-03-29	-178.85	-17.57	554.0	7.1	359/53/156	-	120/90/210	7
1325	1998-05-03	125.53	22.37	23.0	7.4	139/82/1	-	95/186/317	5, 6
1326	1998-07-16	166.09	-10.91	100.0	7.0	37/38/105	-	255/348/117	7
1327	1998-07-17	142.07	-2.50	15.0	7.0	146/19/127	-	239/332/105	6, 7
1328	1998-08-04	-80.48	-0.57	26.0	7.1	27/15/124	-	279/11/178	1
1329	1998-08-20	139.47	28.99	426.0	7.1	83/27/-162	-	108/200/306	5, 6
1330	1998-11-09	128.95	-6.94	25.0	7.0	289/37/111	-	156/66/0	6, 8
1331	1998-11-29	125.00	-2.03	16.0	7.7	196/65/-153	-	156/66/0	6, 8
1332	1999-01-19	153.66	-4.72	88.0	7.0	143/31/87	-	160/251/48	6, 7
1333	1999-02-06	166.58	-12.78	98.0	7.3	304/33/41	-	255/348/117	7
1334	1999-03-04	122.03	5.38	18.0	7.1	340/37/84	-	92/183/275	6, 8
1335	1999-04-05	149.71	-5.65	149.0	7.4	248/17/65	-	160/251/48	6, 7
1336	1999-04-08	130.47	43.66	575.0	7.1	81/25/160	-	108/200/306	5
1337	1999-05-10	150.97	-5.38	145.0	7.0	202/47/-126	-	160/251/48	6, 7
1338	1999-05-16	152.76	-4.99	42.0	7.0	262/28/96	-	160/251/48	6, 7
1339	1999-09-20	120.80	24.15	10.0	7.6	3/30/61	-	95/186/317	5, 6
1340	1999-09-30	-96.96	16.20	39.0	7.4	295/50/-87	-	220/320/76	2
1341	1999-10-16	-116.27	34.71	15.0	7.1	335/80/174	-	19/90/109	3

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
1342	1999-11-19	148.98	-6.49	33.0	7.0	275/25/100	-	160/251/48	6, 7
1343	1999-11-26	168.31	-16.08	15.0	7.4	174/30/67	-	255/348/117	7
1344	1999-12-06	-154.35	57.35	54.0	7.0	357/63/-180	-	151/243/341	4
1345	1999-12-11	119.64	15.87	35.0	7.2	112/13/-169	-	224/134/326	6
1346	2000-01-08	-173.81	-16.84	162.0	7.2	79/8/-13	-	79/169/345	7
1347	2000-02-25	174.17	-19.55	17.0	7.1	315/74/169	-	105/330/195	7
1348	2000-03-28	143.76	22.32	100.0	7.6	255/6/-127	-	127/32/232	5, 6
1349	2000-05-04	123.59	-1.29	19.0	7.5	225/64/172	-	156/66/0	6, 8
1350	2000-05-12	-66.85	-23.72	227.0	7.2	214/12/-62	-	80/169/67	1
1351	2000-06-04	101.94	-4.73	44.0	7.9	92/55/152	-	236/90/326	8
1352	2000-06-18	97.17	-13.47	15.0	7.9	161/63/-5	-	236/90/326	8
1353	2000-08-06	139.68	28.89	411.0	7.3	108/27/-142	-	108/200/306	5, 6
1354	2000-11-16	152.79	-4.56	24.0	8.0	328/43/3	-	160/251/48	6, 7
1355	2000-11-16	153.17	-5.03	31.0	7.8	253/15/93	-	160/251/48	6, 7
1356	2000-11-17	152.34	-5.26	17.0	7.8	230/24/64	-	160/251/48	6, 7
1357	2001-01-01	127.07	6.73	44.0	7.4	171/45/60	-	92/183/275	6, 8
1358	2001-01-09	167.11	-14.90	114.0	7.0	183/44/160	-	255/348/117	7
1359	2001-01-13	-89.13	12.97	56.0	7.7	121/35/-95	-	218/127/31	2
1360	2001-01-26	70.24	23.63	20.0	7.6	298/39/136	-	128/219/34	-
1361	2001-02-13	102.36	-5.40	21.0	7.3	315/16/103	-	236/90/326	8
1362	2001-02-24	126.42	1.55	43.0	7.0	197/42/78	-	92/183/275	6, 8
1363	2001-06-03	-178.23	-29.37	199.0	7.1	227/41/138	-	120/90/210	7
1364	2001-06-23	-72.71	-17.28	30.0	8.4	310/18/63	-	80/169/67	1
1365	2001-07-07	-72.45	-17.45	25.0	7.6	306/14/52	-	80/169/67	1
1366	2001-08-21	-179.08	-36.70	59.0	7.1	55/42/116	-	120/90/210	7
1367	2001-10-12	145.08	12.88	42.0	7.0	131/30/31	-	127/32/232	6
1368	2001-10-19	124.11	-4.31	19.0	7.4	358/77/176	-	156/66/0	6, 8
1369	2001-11-14	92.91	35.80	15.0	7.8	94/61/-12	-	38/142/298	-

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
1370	2001-12-12	124.67	-42.69	16.0	7.1	349/82/6	-	311/54/215	-
1371	2002-01-02	167.85	-17.78	40.0	7.2	299/18/22	-	255/348/117	7
1372	2002-03-03	70.42	36.57	228.0	7.3	282/22/85	-	128/219/34	-
1373	2002-03-05	124.25	5.92	29.0	7.5	314/25/70	-	92/183/275	6, 8
1374	2002-03-31	121.96	24.19	39.0	7.1	292/32/121	-	95/186/317	5, 6
1375	2002-04-26	144.67	13.15	69.0	7.0	172/3/11	-	127/32/232	6
1376	2002-06-28	130.45	43.74	582.0	7.3	27/13/105	-	108/200/306	5
1377	2002-08-19	178.49	-24.16	699.0	7.7	50/3/83	-	153/58/305	7
1378	2002-08-19	-179.08	-21.74	631.0	7.6	149/22/-141	-	120/90/210	7
1379	2002-09-08	143.38	-3.27	20.0	7.6	106/34/43	-	239/332/105	6, 7
1380	2002-10-10	134.30	-1.79	15.0	7.5	60/83/4	-	335/200/65	6, 8
1381	2002-11-02	95.99	2.65	23.0	7.2	297/16/73	-	236/90/326	8
1382	2002-11-03	-144.89	63.23	8.0	7.9	295/79/165	-	151/243/341	4
1383	2002-11-17	146.45	47.81	480.0	7.3	316/9/30	-	128/34/296	5
1384	2003-01-20	160.63	-10.43	31.0	7.3	178/57/140	-	217/308/46	7
1385	2003-01-22	-103.90	18.86	24.0	7.5	304/16/109	-	220/320/76	2
1386	2003-03-17	177.58	51.33	27.0	7.0	289/22/137	-	153/58/305	4, 5
1387	2003-05-26	141.57	38.94	61.0	7.0	352/19/70	-	108/200/306	5
1388	2003-06-20	-71.89	-7.37	556.0	7.0	353/47/-65	-	247/337/68	1
1389	2003-08-21	166.87	-45.01	32.0	7.2	35/23/95	-	293/26/202	7
1390	2003-09-25	143.62	41.75	47.0	7.3	208/18/86	-	128/34/296	5
1391	2003-09-25	143.84	42.21	27.0	8.3	250/20/130	-	128/34/296	5
1392	2003-09-27	87.86	50.02	15.0	7.3	228/70/20	-	47/138/317	-
1393	2003-10-31	142.68	37.89	15.0	7.0	196/9/80	-	108/200/306	5
1394	2003-11-17	177.86	51.14	22.0	7.8	280/19/122	-	153/58/305	4, 5
1395	2003-12-27	169.81	-21.99	23.0	7.3	324/29/95	-	255/348/117	7
1396	2004-01-03	169.72	-22.41	15.0	7.1	314/39/-77	-	255/348/117	7
1397	2004-02-05	135.53	-3.62	13.0	7.0	44/43/-10	-	335/200/65	6, 8

Table S1. (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
1398	2004-02-07	134.78	-4.03	11.2	7.3	261/68/-11	-	335/200/65	6, 8
1399	2004-07-15	-178.52	-17.68	577.0	7.1	345/44/137	-	120/90/210	7
1400	2004-07-25	104.38	-2.68	600.0	7.3	108/45/-129	-	236/90/326	8
1401	2004-09-05	137.00	32.94	16.0	7.2	277/38/100	-	288/90/198	5
1402	2004-09-05	137.22	33.13	12.0	7.4	79/46/72	-	288/90/198	5
1403	2004-11-02	-129.13	49.17	19.0	6.6	312/83/-176	-	19/90/109	3
1404	2004-11-11	125.12	-7.87	17.0	7.5	67/27/72	-	156/66/0	6, 8
1405	2004-11-15	-77.57	4.72	16.0	7.2	21/11/114	-	90/264/358	2
1406	2004-11-22	164.91	-46.36	40.0	7.1	43/36/103	-	293/26/202	7
1407	2004-11-26	135.54	-3.55	12.0	7.1	5/34/0	-	335/200/65	6, 8
1408	2004-11-28	145.36	42.88	47.0	7.0	242/26/122	-	128/34/296	5
1409	2004-12-23	161.25	-49.91	27.0	8.1	69/74/167	-	293/26/202	7
1410	2004-12-26	92.79	6.61	14.0	7.2	351/27/121	-	236/90/326	8
1411	2004-12-26	95.78	3.30	35.0	9.1	342/15/101	-	236/90/326	8
1412	2005-02-05	123.67	5.47	531.0	7.1	158/14/-114	-	92/183/275	6, 8
1413	2005-03-02	129.99	-6.54	196.0	7.1	308/35/176	-	156/66/0	6, 8
1414	2005-03-28	97.07	1.67	38.5	8.6	326/10/105	-	236/90/326	8
1415	2005-06-13	-69.23	-20.02	94.0	7.8	182/23/-81	-	80/169/67	1
1416	2005-06-15	-126.42	41.15	9.0	7.2	47/85/2	-	19/90/109	3
1417	2005-07-24	91.88	7.92	12.0	7.2	29/68/-2	-	236/90/326	8
1418	2005-08-16	142.05	38.24	34.5	7.2	24/70/90	-	108/200/306	5
1419	2005-09-09	153.95	-5.20	84.0	7.6	140/30/91	-	160/251/48	6, 7
1420	2005-09-26	-76.20	-5.60	108.0	7.5	347/39/-92	-	247/337/68	1
1421	2005-10-08	73.47	34.38	12.0	7.6	334/40/123	-	128/219/34	-
1422	2005-11-14	144.97	38.22	18.0	7.0	181/43/-104	-	108/200/306	5
1423	2006-01-02	-177.72	-19.80	590.0	7.2	281/22/-40	-	120/90/210	7
1424	2006-01-27	128.20	-5.61	397.0	7.6	43/42/-44	-	156/66/0	6, 8

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
1425	2006-04-20	167.05	60.89	12.0	7.6	207/40/76	-	351/220/83	-
1426	2006-05-03	-173.47	-20.39	68.0	8.0	226/22/123	-	120/90/210	7
1427	2006-05-16	-178.91	-31.41	151.0	7.4	129/19/58	-	120/90/210	7
1428	2006-07-17	107.78	-10.28	20.0	7.7	290/10/102	-	183/280/55	8
1429	2006-11-15	154.33	46.71	15.3	8.3	220/16/95	-	149/57/253	5
1430	2006-12-26	120.52	21.81	20.0	7.0	165/30/-76	-	95/186/317	5, 6
1431	2007-01-13	154.80	46.17	7.5	8.1	220/39/-106	-	149/57/253	5
1432	2007-01-21	126.21	1.10	22.0	7.5	34/35/108	-	92/183/275	6, 8
1433	2007-03-25	169.12	-20.60	41.0	7.1	333/36/89	-	255/348/117	7
1434	2007-04-01	156.34	-7.79	10.0	8.2	305/14/79	-	217/308/46	6, 7
1435	2007-08-01	167.41	-15.41	126.0	7.2	356/29/79	-	255/348/117	7
1436	2007-08-08	107.58	-6.03	305.0	7.5	330/30/155	-	183/280/55	8
1437	2007-08-15	-77.04	-13.73	39.0	8.0	318/30/62	-	250/154/20	1
1438	2007-09-02	165.68	-11.74	18.0	7.2	338/23/101	-	172/284/71	7
1439	2007-09-12	100.13	-2.46	43.0	7.9	317/19/102	-	236/90/326	8
1440	2007-09-12	100.99	-3.78	30.0	8.5	320/15/104	-	236/90/326	8
1441	2007-09-13	99.39	-2.31	17.0	7.0	312/10/90	-	236/90/326	8
1442	2007-09-28	143.07	21.94	276.0	7.5	73/49/50	-	108/200/306	5, 6
1443	2007-09-30	164.10	-49.26	13.0	7.4	29/36/123	-	293/26/202	7
1444	2007-10-31	145.59	18.83	211.0	7.2	196/60/152	-	127/32/232	6
1445	2007-11-14	-70.62	-22.64	40.0	7.7	358/23/92	-	80/169/67	1
1446	2007-11-29	-61.41	15.06	148.0	7.4	109/58/-32	-	206/3/115	2
1447	2007-12-09	-177.22	-25.75	150.0	7.8	34/25/38	-	120/90/210	7
1448	2007-12-19	-179.27	51.02	28.0	7.2	274/21/118	-	153/58/305	4
1449	2008-01-05	-131.24	51.11	12.0	6.6	327/80/-173	-	19/90/109	3, 4
1450	2008-01-05	-130.92	50.85	12.0	6.4	325/81/-175	-	19/90/109	3, 4
1451	2008-02-20	95.98	2.69	15.0	7.3	299/11/80	-	236/90/326	8
1452	2008-02-25	99.95	-2.66	14.0	7.2	317/6/102	-	236/90/326	8
1453	2008-03-20	81.37	35.43	12.0	7.1	358/41/-110	-	38/142/298	-

Table S1. (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
1454	2008-04-09	168.80	-20.12	35.0	7.3	340/30/101	-	255/348/117	7
1455	2008-04-12	158.49	-55.56	22.0	7.1	3/43/102	-	235/118/327	-
1456	2008-05-12	104.10	31.44	13.0	7.9	231/35/138	-	189/60/279	-
1457	2008-07-05	153.37	54.12	611.0	7.7	143/48/-134	-	149/57/253	5
1458	2008-09-29	-177.46	-29.85	39.5	7.0	197/30/92	-	120/90/210	7
1459	2008-11-16	122.05	1.50	25.5	7.3	93/22/88	-	348/81/178	6, 8
1460	2008-11-24	154.71	54.27	502.0	7.3	276/19/-29	-	149/57/253	5
1461	2009-01-03	132.83	-0.38	17.0	7.7	94/28/50	-	335/200/65	6, 8
1462	2009-01-03	133.48	-0.58	18.0	7.4	101/26/72	-	335/200/65	8
1463	2009-01-15	155.39	46.97	45.0	7.4	11/44/84	-	149/57/253	5
1464	2009-02-11	126.81	3.92	24.0	7.1	177/38/83	-	92/183/275	6, 8
1465	2009-02-18	-175.90	-27.27	37.0	7.0	274/38/179	-	120/90/210	7
1466	2009-03-19	-174.23	-23.08	49.0	7.6	205/44/98	-	120/90/210	7
1467	2009-05-28	-87.17	16.50	13.5	7.3	65/82/-26	-	25/160/294	2
1468	2009-07-15	166.26	-45.85	23.0	7.8	25/26/138	-	293/26/202	7
1469	2009-08-09	138.19	33.05	302.0	7.1	86/17/168	-	288/90/198	5
1470	2009-08-10	92.94	14.16	22.0	7.5	39/36/-92	-	236/90/326	-
1471	2009-09-02	107.33	-8.12	53.0	7.0	54/46/117	-	183/280/55	8
1472	2009-09-29	-171.97	-15.13	16.9	8.1	342/57/-73	-	120/90/210	7
1473	2009-09-30	99.67	-0.79	78.0	7.6	74/52/139	-	236/90/326	8
1474	2009-10-07	166.01	-11.86	42.0	7.8	337/36/82	-	255/348/117	7
1475	2009-10-07	166.27	-12.59	44.0	7.6	344/41/87	-	255/348/117	7
1476	2009-10-07	166.37	-13.12	43.0	7.4	341/43/83	-	255/348/117	7
1477	2009-11-09	178.53	-17.11	604.0	7.3	172/42/33	-	120/90/210	7
1478	2010-01-03	157.21	-8.88	12.0	7.1	321/21/102	-	217/308/46	6, 7
1479	2010-01-12	-72.62	18.61	12.0	7.0	170/59/14	-	26/226/119	2
1480	2010-02-26	128.61	25.86	18.0	7.0	91/80/9	-	134/225/320	5, 6
1481	2010-02-27	-75.41	-38.09	20.0	7.4	3/46/-102	-	272/181/89	1

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
1482	2010-02-27	-73.15	-35.98	25.0	8.8	18/18/109	-	272/181/89	1
1483	2010-03-11	-72.13	-34.53	16.0	7.1	16/6/-53	-	272/181/89	1
1484	2010-04-04	-115.39	32.31	10.0	7.2	313/88/-174	-	19/90/109	3
1485	2010-04-06	96.74	2.07	18.0	7.8	307/7/88	-	236/90/326	8
1486	2010-05-09	95.78	3.36	37.0	7.3	308/15/88	-	236/90/326	8
1487	2010-05-27	166.65	-13.81	43.0	7.2	347/44/96	-	255/348/117	7
1488	2010-06-12	91.65	7.85	33.0	7.5	220/63/31	-	236/90/326	8
1489	2010-06-16	136.36	-1.87	12.0	7.0	332/80/-172	-	335/200/65	6, 8
1490	2010-07-18	150.33	-6.22	37.0	7.3	257/30/82	-	160/251/48	6, 7
1491	2010-07-23	123.48	6.83	641.0	7.5	254/22/-52	-	92/183/275	6, 8
1492	2010-07-23	123.59	6.54	597.0	7.3	263/19/-31	-	92/183/275	6, 8
1493	2010-07-23	123.90	6.62	577.0	7.6	233/18/-38	-	92/183/275	6, 8
1494	2010-08-10	167.81	-17.57	32.0	7.3	353/33/126	-	255/348/117	7
1495	2010-08-12	-77.51	-1.51	198.0	7.1	153/21/-68	-	279/11/178	1
1496	2010-09-03	172.12	-43.56	12.0	7.0	178/82/1	-	105/330/195	7
1497	2010-09-29	133.78	-4.92	18.0	7.0	185/43/-75	-	335/200/65	6, 8
1498	2010-10-25	99.32	-3.71	12.0	7.8	316/8/96	-	236/90/326	8
1499	2010-12-21	143.76	27.10	17.8	7.4	116/40/-126	-	127/32/232	5, 6
1500	2010-12-25	168.04	-19.67	16.0	7.3	150/49/-116	-	255/348/117	7
1501	2011-01-01	-63.21	-27.02	586.0	7.0	360/20/-64	-	265/172/71	1
1502	2011-01-02	-73.84	-38.71	19.0	7.1	5/13/97	-	272/181/89	1
1503	2011-03-09	142.78	38.56	20.7	7.3	193/13/81	-	108/200/306	5
1504	2011-03-11	141.38	35.92	25.0	7.9	206/10/90	-	127/219/318	5
1505	2011-03-11	143.05	37.52	22.0	9.0	200/12/85	-	108/200/306	5
1506	2011-03-11	144.63	38.27	28.6	7.6	186/14/90	-	108/200/306	5
1507	2011-04-07	141.85	38.32	53.0	7.1	19/37/83	-	108/200/306	5
1508	2011-06-24	-171.77	52.09	74.0	7.3	15/10/-160	-	152/60/318	4
1509	2011-07-06	-175.83	-29.22	20.0	7.6	170/52/-100	-	120/90/210	7



**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
1510	2011-07-10	143.33	37.98	22.0	7.0	65/74/16	-	108/200/306	5
1511	2011-08-20	167.94	-18.52	32.0	7.1	334/29/92	-	255/348/117	7
1512	2011-08-20	167.94	-18.26	36.0	7.0	343/33/94	-	255/348/117	7
1513	2011-08-24	-74.66	-7.68	144.0	7.0	197/40/-57	-	247/337/68	1
1514	2011-09-03	169.72	-20.79	152.0	7.0	19/29/160	-	255/348/117	7
1515	2011-09-09	-127.17	49.27	25.0	6.5	260/63/-2	-	19/90/109	3
1516	2011-09-15	-179.21	-21.61	625.0	7.3	312/38/-7	-	120/90/210	7
1517	2011-10-21	-175.72	-28.83	45.0	7.4	206/40/85	-	120/90/210	7
1518	2011-12-14	146.83	-7.49	133.0	7.1	67/24/-4	-	30/280/120	6, 7
1519	2012-01-10	92.98	2.59	24.0	7.2	103/81/-173	-	236/90/326	8
1520	2012-02-02	167.11	-17.69	21.0	7.0	51/51/-43	-	255/348/117	7
1521	2012-03-20	-98.39	16.60	20.0	7.5	296/13/92	-	220/320/76	2
1522	2012-03-25	-72.41	-35.31	34.0	7.1	20/16/112	-	272/181/89	1
1523	2012-04-11	92.31	0.90	55.0	8.2	107/83/-177	-	236/90/326	8
1524	2012-04-11	93.06	2.31	30.0	8.6	108/79/-173	-	236/90/326	8
1525	2012-04-12	-112.76	28.57	16.0	7.0	131/74/-177	-	355/115/262	3
1526	2012-08-14	145.70	49.97	598.0	7.7	27/33/59	-	128/34/296	5
1527	2012-08-27	-89.17	12.02	11.8	7.3	284/15/76	-	218/127/31	2
1528	2012-08-31	126.97	10.85	34.0	7.6	346/46/56	-	92/183/275	6
1529	2012-09-05	-85.64	10.00	15.0	7.6	307/15/99	-	218/127/31	2
1530	2012-09-30	-76.22	1.89	159.0	7.2	231/39/-113	-	279/11/178	2
1531	2012-10-28	-132.06	52.61	15.0	7.8	323/30/125	-	216/124/24	3, 4
1532	2012-11-07	-92.43	14.11	21.0	7.4	291/25/81	-	218/127/31	2
1533	2012-12-07	143.83	37.77	20.0	7.2	18/40/-90	-	128/34/296	5
1534	2012-12-07	144.09	38.01	58.0	7.2	38/51/138	-	108/200/306	5
1535	2012-12-10	129.83	-6.65	159.0	7.1	309/48/166	-	156/66/0	6, 8
1536	2013-01-05	-134.97	55.69	14.0	7.5	333/60/179	-	216/124/24	3, 4
1537	2013-02-06	164.86	-11.32	23.0	7.1	338/38/-96	-	172/284/71	7

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
1538	2013-02-06	165.21	-11.18	28.7	8.0	308/18/64	-	172/284/71	7
1539	2013-02-06	165.56	-10.44	14.0	7.0	69/83/178	-	172/284/71	7
1540	2013-02-08	165.92	-10.72	24.0	7.1	267/82/175	-	255/348/117	7
1541	2013-02-09	-77.40	1.16	152.0	7.0	171/75/167	-	279/11/178	2
1542	2013-04-06	138.49	-3.33	74.0	7.0	339/56/-137	-	335/200/65	6, 8
1543	2013-04-19	150.92	46.00	104.0	7.3	134/20/-21	-	149/57/253	5
1544	2013-05-23	-176.88	-23.19	174.0	7.4	15/79/-84	-	120/90/210	7
1545	2013-05-24	153.77	54.61	620.0	8.3	177/10/-92	-	149/57/253	5
1546	2013-07-07	153.98	-4.10	383.0	7.3	319/47/-110	-	160/251/48	6, 7
1547	2013-08-30	-175.12	51.44	27.0	7.0	254/23/100	-	152/60/318	4
1548	2013-09-25	-74.81	-16.03	46.0	7.0	307/31/84	-	250/154/20	1
1549	2013-10-15	123.96	9.84	12.0	7.1	42/40/80	-	92/183/275	6, 8
1550	2013-10-25	144.66	37.17	25.0	7.1	171/43/-107	-	108/200/306	5
1551	2014-04-01	-71.39	-19.85	21.0	7.0	347/26/81	-	80/169/67	1
1552	2014-04-01	-70.81	-19.70	25.0	8.1	347/13/103	-	80/169/67	1
1553	2014-04-03	-70.60	-20.43	29.0	7.7	358/14/103	-	80/169/67	1
1554	2014-04-11	155.09	-6.78	44.0	7.1	310/42/87	-	217/308/46	6, 7
1555	2014-04-12	162.24	-11.35	27.0	7.6	17/63/159	-	172/284/71	7
1556	2014-04-13	161.97	-11.45	37.0	7.4	91/43/77	-	172/284/71	7
1557	2014-04-18	-101.25	17.55	19.0	7.3	303/18/98	-	220/320/76	2
1558	2014-04-19	154.67	-6.64	36.0	7.5	311/35/87	-	217/308/46	6, 7
1559	2014-04-24	-127.59	49.65	17.0	6.6	247/68/3	-	19/90/109	3
1560	2014-06-23	178.43	52.00	104.0	7.9	207/27/-13	-	153/58/305	4, 5
1561	2014-10-14	-88.45	12.33	41.0	7.3	124/23/-94	-	218/127/31	2
1562	2014-11-01	-177.61	-19.76	445.0	7.1	130/19/147	-	120/90/210	7
1563	2014-11-15	126.37	1.98	38.0	7.1	42/35/110	-	92/183/275	6, 8
1564	2015-02-27	122.50	-7.35	552.0	7.0	38/51/-14	-	156/66/0	6, 8
1565	2015-03-29	152.59	-5.18	38.0	7.5	260/29/90	-	160/251/48	6, 7

Table S1. (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
1566	2015-04-25	85.33	27.91	12.0	7.9	287/6/96	-	189/60/279	-
1567	2015-05-05	152.10	-5.32	38.0	7.5	245/33/77	-	160/251/48	6, 7
1568	2015-05-07	154.49	-7.36	12.0	7.0	292/41/-106	-	217/308/46	6, 7
1569	2015-05-12	86.08	27.67	12.0	7.2	307/11/117	-	189/60/279	-
1570	2015-05-22	163.54	-10.90	15.0	7.0	252/58/-5	-	172/284/71	7
1571	2015-05-30	140.56	27.94	681.0	7.9	36/25/-39	-	127/219/318	5, 6
1572	2015-07-27	138.44	-2.53	41.0	7.0	327/42/117	-	335/200/65	6, 8
1573	2015-09-16	-72.09	-31.13	29.0	8.3	6/19/101	-	272/181/89	1
1574	2015-09-16	-71.95	-31.79	36.0	7.1	349/30/87	-	272/181/89	1
1575	2015-10-20	167.19	-14.88	141.0	7.1	189/58/147	-	255/348/117	7
1576	2015-10-26	70.42	36.55	209.0	7.5	279/21/85	-	128/219/34	-
1577	2015-11-24	-71.28	-10.11	627.0	7.6	350/30/-81	-	247/337/68	1
1578	2015-11-24	-71.12	-10.73	611.0	7.5	350/39/-80	-	247/337/68	1
1579	2015-12-04	85.23	-47.74	29.0	7.1	42/47/-58	-	91/217/1	-
1580	2015-12-07	72.91	38.39	12.0	7.2	212/80/-7	-	128/219/34	-
1581	2016-01-24	-153.27	59.75	127.8	7.1	60/66/36	-	151/243/341	4
1582	2016-01-30	158.73	53.86	168.0	7.2	324/39/-29	-	149/57/253	5
1583	2016-03-02	94.22	-4.75	24.0	7.8	274/84/170	-	236/90/326	8
1584	2016-04-15	130.77	32.84	12.5	7.0	205/72/-153	-	108/200/306	5
1585	2016-04-16	-80.25	-0.12	22.0	7.8	27/21/124	-	279/11/178	1
1586	2016-04-28	167.26	-16.05	34.0	7.0	328/36/84	-	255/348/117	7
1587	2016-07-29	145.70	18.50	209.0	7.7	192/34/132	-	127/32/232	6
1588	2016-08-12	173.07	-22.56	22.0	7.2	288/75/176	-	105/330/195	7
1589	2016-09-01	179.03	-37.19	28.0	7.1	354/20/-134	-	120/90/210	7
1590	2016-11-13	173.85	-42.03	19.0	7.8	226/33/141	-	105/330/195	7
1591	2016-12-08	161.12	-10.46	46.0	7.8	285/50/57	-	217/308/46	7
1592	2016-12-17	153.76	-5.55	53.0	7.9	140/39/95	-	160/251/48	6, 7
1593	2016-12-25	-74.43	-43.41	30.0	7.6	356/16/80	-	272/181/89	1

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
1594	2017-01-10	122.78	4.57	622.0	7.3	269/16/-1	-	253/345/96	6, 8
1595	2017-01-22	154.94	-6.03	136.0	7.9	298/37/65	-	217/308/46	6, 7
1596	2017-07-17	169.78	54.13	23.0	7.8	307/85/-178	-	153/58/305	5
1597	2017-09-08	-94.66	15.38	18.0	8.1	316/81/-78	-	25/160/294	2
1598	2017-09-19	-98.63	18.59	51.0	7.1	300/44/-83	-	220/320/76	2
1599	2017-11-19	168.67	-21.45	12.0	7.0	335/34/-86	-	255/348/117	7
1600	2018-01-10	-83.86	17.56	17.0	7.5	76/87/3	-	25/160/294	2
1601	2018-01-14	-74.78	-15.95	41.0	7.1	305/38/79	-	250/154/20	1
1602	2018-01-23	-149.12	56.22	34.0	7.9	257/64/4	-	151/243/341	4
1603	2018-02-16	-97.88	16.53	20.0	7.2	292/13/83	-	220/320/76	2
1604	2018-02-25	142.97	-6.29	12.0	7.5	307/29/105	-	239/332/105	6, 7
1605	2018-08-19	-177.85	-17.86	555.0	8.2	210/21/-74	-	120/90/210	7
1606	2018-08-21	-63.05	10.76	160.0	7.3	212/35/43	-	218/127/31	2
1607	2018-08-24	-70.82	-11.18	628.0	7.1	335/33/-94	-	247/337/68	1
1608	2018-09-06	179.86	-18.24	687.0	7.9	305/57/14	-	120/90/210	7
1609	2018-09-28	119.86	-0.72	12.0	7.6	348/57/-15	-	348/81/178	6, 8
1610	2018-10-10	151.20	-5.98	39.0	7.0	242/34/72	-	160/251/48	6, 7
1611	2018-10-22	-130.13	49.00	15.0	6.5	237/80/5	-	19/90/109	3, 4
1612	2018-10-22	-129.89	49.14	16.0	6.8	218/87/-1	-	19/90/109	3
1613	2018-10-22	-129.54	48.95	15.0	6.5	127/88/-179	-	19/90/109	3
1614	2018-11-30	-150.02	61.49	48.0	7.1	7/26/-91	-	151/243/341	4
1615	2018-12-05	169.25	-21.95	18.0	7.5	312/36/-90	-	255/348/117	7
1616	2018-12-20	164.75	54.94	18.0	7.2	58/68/-19	-	153/58/305	5
1617	2018-12-29	126.91	5.87	54.0	7.0	34/46/134	-	92/183/275	6, 8
1618	2019-02-22	-77.09	-2.26	121.0	7.5	163/26/-55	-	279/11/178	1
1619	2019-03-01	-70.14	-14.78	274.0	7.0	144/20/-47	-	250/154/20	1
1620	2019-05-06	146.49	-7.06	128.0	7.1	265/22/-112	-	160/251/48	6, 7
1621	2019-05-14	152.52	-4.03	22.0	7.6	47/86/179	-	160/251/48	6, 7

**Table S1.** (*continued*)

ID	date (yyyy-mm-dd)	lon (°)	lat (°)	dep (km)	mag ( $M_W$ )	focal mech. $\phi/\delta/\lambda$ (°)	ref. ID	stress field $\sigma_1/\sigma_2/\sigma_3$ (°)	zone
1622	2019-05-26	-75.36	-5.25	127.0	8.0	166/33/-94	-	279/11/178	1
1623	2019-06-15	-177.79	-30.93	48.0	7.3	201/31/97	-	120/90/210	7
1624	2019-06-24	129.17	-6.51	220.0	7.3	160/74/-172	-	156/66/0	6, 8
1625	2019-07-06	-117.58	35.78	8.0	7.0	137/88/-178	-	19/90/109	3
1626	2019-07-14	128.13	-0.72	12.0	7.2	124/84/0	-	156/66/0	6, 8
1627	2019-11-14	126.32	1.66	30.0	7.1	15/39/67	-	92/183/275	6, 8
1628	2020-01-28	-79.55	19.33	24.0	7.7	347/85/-177	-	26/226/119	2
1629	2020-02-13	148.94	45.42	151.0	7.0	100/15/-50	-	128/34/296	5
1630	2020-03-25	157.87	49.11	53.0	7.5	32/43/103	-	149/57/253	5
1631	2020-06-18	-177.55	-33.39	37.0	7.4	124/66/-160	-	120/90/210	7
1632	2020-06-23	-96.07	16.02	22.0	7.4	268/16/61	-	220/320/76	2
1633	2020-07-17	147.74	-7.84	72.0	7.1	52/30/-10	-	160/251/48	6, 7
1634	2020-07-22	-159.28	54.83	36.0	7.8	243/17/92	-	151/243/341	4
1635	2020-08-18	100.86	-4.47	25.0	7.0	328/11/112	-	236/90/326	8
1636	2020-10-19	-159.70	54.48	350.0	7.6	49/176/83	-	151/243/341	4