

Table 1. List of the earthquakes used in this study.

event date	event time	latitude(°)	longitude(°)	depth(m)	magnitude	location site	event id
2003/10/04	14:49:02.7	-07.05	+125.41	532.7	5.5	BANDA SEA	B100403C
2003/10/17	17:19:53.6	-05.08	+102.46	35.1	5.6	SOUTHERN SUMATRA, INDONE	B101703D
2003/11/09	19:23:28.6	+01.56	+127.36	133.9	5.8	HALMAHERA, INDONESIA	B110903E
2004/02/08	08:58:51.8	-03.66	+135.34	25.7	5.7	IRIAN JAYA REGION, INDON	C020804C
2004/02/20	05:58:45.2	-11.61	+166.45	84.0	5.6	SANTA CRUZ ISLANDS	C022004A
2004/03/17	05:21:00.8	+34.59	+023.33	24.5	5.9	CRETE, GREECE	C031704C
2004/03/26	15:20:06.6	+41.86	+144.21	22.4	5.7	HOKKAIDO, JAPAN REGION	C032604D
2004/04/09	15:23:35.0	-13.17	+167.20	228.4	5.8	VANUATU ISLANDS	C040904B
2004/05/28	12:38:44.3	+36.25	+051.62	17.0	6.2	NORTHERN AND CENTRAL IRA	C052804A
2004/06/22	09:04:43.9	-10.90	+166.26	152.8	5.8	SANTA CRUZ ISLANDS	C062204E
2004/06/30	23:37:25.5	+00.80	+124.73	90.8	6.0	MINAHASSA PENINSULA, SUL	C063004F
2004/07/08	10:30:49.2	+47.20	+151.30	128.5	5.9	KURIL ISLANDS	C070804A
2004/07/25	14:35:19.1	-02.43	+103.98	582.1	6.8	SOUTHERN SUMATRA, INDONE	C072504B
2003/07/27	06:25:32.0	+47.15	+139.25	470.3	6.3	PRIMOR'YE, RUSSIA	C072703C
2004/08/02	02:36:54.9	-05.47	+102.62	40.5	5.5	SOUTHERN SUMATRA, INDONE	C080204B
2004/08/07	14:18:35.2	-06.24	+095.67	20.7	5.8	SOUTHWEST OF SUMATRA, IN	C080704D
2004/08/28	17:00:58.2	-08.69	+157.25	10.0	5.5	SOLOMON ISLANDS	C082804F
2003/08/31	23:08:00.3	+43.39	+132.27	481.1	5.5	PRIMOR'YE, RUSSIA	C083103C
2003/09/11	21:58:25.5	-08.20	+156.16	10.0	5.5	SOLOMON ISLANDS	C091103C
2004/09/15	19:10:50.6	+14.22	+120.41	115.4	6.0	LUZON, PHILIPPINES	C091504D
2003/10/11	00:08:49.1	+41.92	+144.36	33.0	5.9	HOKKAIDO, JAPAN REGION	C101103A
2003/10/11	01:11:31.2	+43.97	+148.21	51.2	6.2	EAST OF KURIL ISLANDS	C101103C
2003/10/17	10:19:06.8	-05.47	+154.15	133.0	6.2	SOLOMON ISLANDS	C101703B
2003/10/22	11:45:30.8	-06.06	+147.73	53.5	6.2	EASTERN NEW GUINEA REG.,	C102203C
2003/11/12	08:26:43.7	+33.17	+137.07	384.9	6.1	NEAR S. COAST OF HONSHU,	C111203E