PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

OCTOBER 1996

ORIGIN TIME UTC DAY	HR	MN	SEC	GEOGRAPHIC COORDINATES LAT		LONG		DEPTH	MAGNITUDE GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
01	00	25	41.7	45.475	N	151.788	E	50 D	5.2		0.8	170	KURIL ISLANDS. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:25:45.3; Lat 45.66 N; Lon 152.15 E; Dep 22.7; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.37, Plg=73, Azm=63; (N) Val=1.11, Plg=16, Azm=219; (P) Val=-5.48, Plg=7, Azm=310; Best double couple: Mo=4.9*10**16 Nm; NP1: Strike=58, Dip=41, Slip=115; NP2: Strike=207, Dip=54, Slip=70.
01	00	26	37.8	35.910	N	22.085	E	10 G			0.8	16	CENTRAL MEDITERRANEAN SEA. ML 4.2 (ROM).
01	00	52	50.6	51.872	N	166.605	W	10 G	5.6	4.5	1.0	289	SOUTH OF ALEUTIAN ISLANDS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:52:55.9; Lat 52.04 N; Lon 166.35 W; Dep 18.7; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.32, Plg=1, Azm=162; (N) Val=3.27, Plg=34, Azm=252; (P) Val=-8.59, Plg=56, Azm=71; Best double couple: Mo=6.9*10**16 Nm; NP1: Strike=222, Dip=54, Slip=-134; NP2: Strike=101, Dip=55, Slip=-47.
01	01	11	19.1%	23.306	N	143.678	E	33 N			0.7	8	VOLCANO ISLANDS REGION
01	01	30	46.6*	7.591	S	127.996	E	150 G	4.5		1.5	13	BANDA SEA
01	02	40	14.5*	45.509	N	151.699	E	33 N	4.8		1.1	43	KURIL ISLANDS
01	03	03	09.3*	8.224	S	117.691	E	33 N	4.3		1.5	13	SUMBAWA REGION, INDONESIA
01	03	16	20.6*	36.286	N	70.244	E	246 *			0.7	17	HINDU KUSH REGION, AFGHANISTAN
01	03	29	26.5?	34.40	S	70.96	W	80 G			0.2	7	CHILE-ARGENTINA BORDER REGION
01	05	07	49.2*	64.350	N	17.864	W	10 G	4.2		1.4	25	ICELAND
01	05	17	27.7*	32.529	S	71.059	W	50 G			0.2	12	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
01	06	16	54.4?	9.77	N	126.07	E	33 N	4.1		0.9	8	MINDANAO, PHILIPPINE ISLANDS
01	06	20	02.9%	36.107	N	139.912	E	33 N			0.2	6	EASTERN HONSHU, JAPAN
01	06	41	57.9	51.626	N	16.172	E	10 G			0.7	13	POLAND. ML 3.7 (VIE), 3.7 (GRF), 3.2 (MOX), 3.1 (CLL).
01	07	20	19.1?	12.39	N	88.16	W	33 N	4.2		1.4	7	OFF COAST OF CENTRAL AMERICA
01	07	54	27.0	22.820	N	120.928	E	33 N	4.5		1.2	20	TAIWAN
01	08	29	07.8&	65.771	N	151.151	W	9				19	NORTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
01	09	05	06.4*	23.218	N	143.831	E	33 N	4.4		1.0	19	VOLCANO ISLANDS REGION
01	09	29	03.7%	23.166	N	143.646	E	33 N			0.9	11	VOLCANO ISLANDS REGION
01	09	39	50.9	13.709	S	170.623	E	600 G	4.5		0.8	39	VANUATU ISLANDS REGION
01	09	51	50.6?	8.72	S	128.47	E	150 G	4.0		1.5	8	TIMOR SEA
01	10	07	19.5&	60.087	N	152.628	W	97				86	SOUTHERN ALASKA. <AEIC>.
01	10	29	55.1?	21.67	S	171.23	E	33 N	4.5		1.4	22	LOYALTY ISLANDS REGION
01	11	01	25.2	44.073	N	148.353	E	33 N	5.5	5.0	0.9	248	KURIL ISLANDS. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 11:01:30.1; Lat 44.11 N; Lon 148.48 E; Dep 44.3; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.28, Plg=77, Azm=321; (N) Val=0.31, Plg=3, Azm=219; (P) Val=-1.59, Plg=13, Azm=129; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=215, Dip=32, Slip=85; NP2: Strike=41, Dip=58, Slip=93.
01	11	15	15.3*	50.405	N	19.268	E	10 G			1.1	6	POLAND
01	11	24	34.3*	31.145	N	78.367	E	33 N			1.3	10	XIZANG-INDIA BORDER REGION
01	11	44	09.9	40.542	N	145.148	E	33 N	4.7		1.0	29	OFF EAST COAST OF HONSHU, JAPAN
01	12	01	08.5%	44.527	N	7.442	E	10 G			0.3	7	NORTHERN ITALY
01	12	03	05.6*	35.246	S	16.362	W	10 G	4.6	4.2	1.5	14	SOUTHERN MID-ATLANTIC RIDGE
01	12	09	28.2&	59.458	N	137.592	W	0				29	SOUTHEASTERN ALASKA. <AEIC>. ML 3.6 (AEIC).
01	12	14	32.0*	11.361	N	126.121	E	33 N	4.9		1.4	40	PHILIPPINE ISLANDS REGION
01	13	46	18.2%	33.410	S	71.189	W	50 G			0.3	9	NEAR COAST OF CENTRAL CHILE. MD 3.1 (SAN).
01	14	03	38.6&	40.393	N	125.795	W	5				26	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.4 (BRK).
01	14	33	50.5?	20.12	S	178.11	W	600 G	4.6		0.9	12	FIJI ISLANDS REGION
01	14	47	49.0*	64.459	N	17.975	W	10 G	3.3		0.8	10	ICELAND
01	14	53	11.5	19.699	S	178.253	W	594 D	4.9		1.0	74	FIJI ISLANDS REGION
01	15	50	23.6	12.434	N	58.066	E	10 G	5.8	5.9	1.2	276	ARABIAN SEA. Mw 6.4 (HRV), 6.2 (GS). Me 6.7 (GS). Broadband Source Parameters (GS): Dep 9; NP1: Strike=198, Dip=85, Slip=-5; NP2: Strike=288, Dip=85, Slip=-175;

													Radiated energy 2.3*10**14 Nm. Moment Tensor (GS): Dep 20; Principal axes (scale 10**18 Nm): (T) Val=2.49, Plg=5, Azm=67; (N) Val=0.23, Plg=81, Azm=187; (P) Val=-2.73, Plg=8, Azm=336; Best double couple: Mo=2.6*10**18 Nm; NP1: Strike=111, Dip=81, Slip=-178; NP2: Strike=21, Dip=88, Slip=-9. Centroid, Moment Tensor (HRV): Centroid origin time 15:50:31.4; Lat 12.30 N; Lon 57.89 E; Dep 15.0 Fix; Half-duration 3.6 sec; Principal axes (scale 10**18 Nm): (T) Val=4.93, Plg=7, Azm=72; (N) Val=0.04, Plg=72, Azm=320; (P) Val=-4.98, Plg=17, Azm=164; Best double couple: Mo=4.9*10**18 Nm; NP1: Strike=207, Dip=73, Slip=-7; NP2: Strike=299, Dip=83, Slip=-163.
01	15	53	03.6?	20.66	S	177.75	W	400	G	4.0	0.8	9	FIJI ISLANDS REGION
01	16	14	32.6	32.355	N	70.538	E	33	N	4.7	0.9	41	PAKISTAN
01	17	00	01.1%	46.076	N	2.789	E	10	G		0.7	7	FRANCE. ML 2.0 (LDG).
01	17	44	09.8	17.163	S	174.602	W	100	G	4.9	0.8	58	TONGA ISLANDS
01	17	45	03.3?	17.37	S	175.94	W	100	G		0.7	7	TONGA ISLANDS
01	17	51	23.6?	9.92	S	124.34	E	33	N	4.5	1.4	14	TIMOR REGION, INDONESIA
01	18	38	26.7*	6.061	S	128.794	E	300	G	4.8	1.5	18	BANDA SEA
01	19	09	03.3	26.475	N	110.862	W	10	G	5.0	1.0	89	GULF OF CALIFORNIA. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 19:09:09.5; Lat 26.58 N; Lon 111.12 W; Dep 15.0 Fix; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.73, Plg=2, Azm=268; (N) Val=0.02, Plg=74, Azm=172; (P) Val=-1.75, Plg=16, Azm=359; Best double couple: Mo=1.7*10**17 Nm; NP1: Strike=42, Dip=77, Slip=-10; NP2: Strike=135, Dip=80, Slip=-167.
01	20	20	44.0?	25.92	N	110.89	W	10	G	4.2	0.5	14	GULF OF CALIFORNIA
01	20	45	56.4*	44.371	N	149.505	E	33	N	4.5	1.1	41	KURIL ISLANDS
01	21	18	06.6?	14.19	S	166.71	E	33	N		0.6	10	VANUATU ISLANDS
01	21	50	34.4?	36.87	N	5.40	W	10	G		0.8	4	STRAIT OF GIBRALTAR. mbLg 2.2 (MDD).
01	21	57	38.5*	1.897	S	77.020	W	150	G	4.6	1.0	18	ECUADOR
01	22	09	25.4	44.187	N	129.075	W	10	G	4.5	1.1	65	OFF COAST OF OREGON
01	22	25	41.6*	64.142	N	17.985	W	10	G	4.0	1.3	10	ICELAND
01	23	04	12.6	12.681	S	76.813	W	62	D	5.5	0.8	202	NEAR COAST OF PERU. Mw 5.6 (HRV). Felt (V) at Mala and San Vicente de Canete; (IV) at Lima, Matucana and Pisco; (III) at Huacho; (II) at Ica. Centroid, Moment Tensor (HRV): Centroid origin time 23:04:17.4; Lat 12.98 S; Lon 77.24 W; Dep 40.1; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=2.64, Plg=34, Azm=241; (N) Val=-0.41, Plg=6, Azm=147; (P) Val=-2.23, Plg=55, Azm=49; Best double couple: Mo=2.4*10**17 Nm; NP1: Strike=355, Dip=12, Slip=-62; NP2: Strike=146, Dip=80, Slip=-96.
02	01	00	46.9?	31.44	S	72.06	W	33	N		0.3	11	OFF COAST OF CENTRAL CHILE. MD 4.4 (SAN).
02	01	11	43.9?	23.15	N	143.96	E	33	N	4.1	0.8	8	VOLCANO ISLANDS REGION
02	01	22	13.0%	45.974	N	2.779	E	10	G		0.5	9	FRANCE. ML 2.0 (LDG).
02	02	35	04.1%	33.509	S	71.172	W	50	G		0.4	11	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
02	02	36	58.2*	63.781	N	18.558	W	10	G	4.0	1.5	12	ICELAND
02	03	54	22.5?	18.75	S	169.50	E	242	D	4.6	1.2	22	VANUATU ISLANDS
02	04	09	03.7%	28.023	N	129.632	E	33	N		0.8	5	RYUKYU ISLANDS
02	04	19	49.7	41.174	N	142.059	E	73		4.7	0.9	45	HOKKAIDO, JAPAN REGION
02	04	23	54.1*	63.827	N	18.764	W	10	G	3.4	0.6	5	ICELAND
02	04	32	35.7?	12.50	N	142.01	E	33	N	4.1	1.0	6	SOUTH OF MARIANA ISLANDS
02	04	38	01.1&	35.856	N	117.669	W	4				13	CENTRAL CALIFORNIA. <PAS-P>. MD 2.8 (PAS).
02	05	03	20.9	44.381	N	149.542	E	33	N	4.9	1.0	52	KURIL ISLANDS
02	08	00	42.3	13.781	N	144.762	E	138		5.1	1.0	120	MARIANA ISLANDS. Mw 5.3 (HRV). Felt (V) at Agana, Agat, Asan, Dededo, Piti, Tamuning and Tumon; (IV) at Santa Rita and Yigo, Guam. Power was lost at Agana and Dededo. Also felt on Saipan. Centroid, Moment Tensor (HRV): Centroid origin time 08:00:44.3; Lat 13.65 N; Lon 144.77 E; Dep 143.3; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.72, Plg=18, Azm=19; (N) Val=-0.10, Plg=25, Azm=280; (P) Val=-8.62, Plg=58, Azm=141; Best double couple: Mo=8.7*10**16 Nm; NP1: Strike=143, Dip=35, Slip=-42; NP2: Strike=269, Dip=68, Slip=-117.
02	08	12	16.0*	9.278	N	126.650	E	33	N	4.7	0.9	33	MINDANAO, PHILIPPINE ISLANDS
02	08	17	42.4	9.312	N	126.572	E	33	N	4.8	0.9	32	MINDANAO, PHILIPPINE ISLANDS
02	08	24	02.3*	9.773	N	126.320	E	33	N	4.6	0.9	28	MINDANAO, PHILIPPINE ISLANDS
02	08	34	50.8*	9.251	N	126.611	E	33	N	4.4	1.1	24	MINDANAO, PHILIPPINE ISLANDS
02	09	38	03.2?	2.68	S	102.58	E	150	G		1.3	11	SOUTHERN SUMATERA, INDONESIA
02	09	40	13.2	64.591	N	17.503	W	10	G	4.3	0.9	41	ICELAND
02	09	48	01.5	11.761	N	125.484	E	33	N	6.0 6.4	1.0	232	SAMAR, PHILIPPINE ISLANDS. Mw 6.4 (GS), 6.4 (HRV). Me 6.0 (GS). Ms 6.4 (BRK). Broadband Source Parameters (GS): Dep 20; NP1: Strike=160, Dip=25, Slip=55; NP2: Strike=18, Dip=70, Slip=105; Radiated energy 2.6*10**13 Nm. Complex earthquake, with at least two larger events occurring about 2 and 4 seconds after a small onset, observed on broadband displacement seismograms. Depth based on largest event. Moment Tensor (GS): Dep 25; Principal axes (scale 10**18 Nm): (T) Val=4.17, Plg=62, Azm=287; (N) Val=-0.17, Plg=8, Azm=182; (P) Val=-4.01, Plg=26, Azm=88; Best double couple: Mo=4.1*10**18 Nm; NP1: Strike=159, Dip=20, Slip=66; NP2: Strike=4, Dip=72, Slip=99. Centroid, Moment Tensor (HRV): Centroid origin time 09:48:06.7; Lat 11.89 N; Lon 125.77 E; Dep 22.0 Bdy; Half-duration 1.0 sec; Principal axes (scale 10**18 Nm): (T) Val=4.69, Plg=64, Azm=300; (N) Val=-0.10, Plg=13, Azm=183; (P) Val=-4.59, Plg=22, Azm=87; Best double couple: Mo=4.6*10**18 Nm; NP1: Strike=154, Dip=25, Slip=59; NP2:

													Strike=8, Dip=68, Slip=104.
													Scalar Moment (PPT): Mo=7.4*10**18 Nm.
02	10	13	00.4*	11.737	N	125.689	E	33	N	4.8	0.9	30	SAMAR, PHILIPPINE ISLANDS
02	10	18	45.1*	20.730	S	178.654	W	600	G	4.4	0.6	19	FIJI ISLANDS REGION
02	10	21	48.8*	11.690	N	125.478	E	33	N	4.9	1.0	31	SAMAR, PHILIPPINE ISLANDS
02	10	51	48.2*	11.741	N	125.586	E	33	N	4.5	0.9	18	SAMAR, PHILIPPINE ISLANDS
02	11	15	30.3*	11.588	N	125.513	E	33	N	4.4	1.2	15	SAMAR, PHILIPPINE ISLANDS
02	11	24	48.4	45.133	N	151.168	E	33	N	6.1 5.4	0.8	402	KURIL ISLANDS. Mw 6.0 (GS), 6.0 (HRV). Me 5.6 (GS). Felt (V) on Urup; (IV) on Simushir; (III) at Kurilsk, Iturup and Yuzhno-Kurilsk, Kunashir.
													Broadband Source Parameters (GS): Radiated energy 6.4*10**12 Nm. Complex event.
													Moment Tensor (GS): Dep 67; Principal axes (scale 10**17 Nm): (T) Val=9.60, Plg=49, Azm=17; (N) Val=-0.05, Plg=25, Azm=255; (P) Val=-9.55, Plg=30, Azm=148; Best double couple: Mo=9.6*10**17 Nm; NP1: Strike=189, Dip=28, Slip=22; NP2: Strike=79, Dip=80, Slip=116.
													Centroid, Moment Tensor (HRV): Centroid origin time 11:24:54.2; Lat 45.12 N; Lon 151.43 E; Dep 72.2; Half-duration 2.4 sec; Principal axes (scale 10**18 Nm): (T) Val=0.95, Plg=52, Azm=17; (N) Val=0.28, Plg=29, Azm=242; (P) Val=-1.23, Plg=22, Azm=139; Best double couple: Mo=1.1*10**18 Nm; NP1: Strike=188, Dip=34, Slip=30; NP2: Strike=72, Dip=73, Slip=120.
02	11	33	32.1*	19.257	S	176.785	W	300	G	4.6	0.9	23	FIJI ISLANDS REGION
02	12	54	10.3*	9.317	N	126.771	E	33	N	4.2	0.9	16	MINDANAO, PHILIPPINE ISLANDS
02	13	07	09.8	22.678	S	66.202	W	248	*	4.6	1.0	43	JUJUY PROVINCE, ARGENTINA
02	13	17	23.2	64.546	N	17.757	W	10	G	4.5	1.1	47	ICELAND
02	13	24	35.5?	32.40	S	70.04	W	120	G		0.4	9	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
02	14	42	11.1*	9.142	N	126.368	E	33	N	4.3	1.1	13	MINDANAO, PHILIPPINE ISLANDS
02	14	44	42.9*	12.463	N	141.036	E	33	N		1.1	10	SOUTH OF MARIANA ISLANDS
02	15	50	24.7	11.719	N	125.583	E	33	N	5.0	0.9	38	SAMAR, PHILIPPINE ISLANDS
02	16	00	20.4	53.417	N	160.388	E	33	N	5.6 4.7	0.8	303	NEAR EAST COAST OF KAMCHATKA. Mw 5.4 (HRV). Felt (III) at Petropavlovsk-Kamchatskiy.
													Centroid, Moment Tensor (HRV): Centroid origin time 16:00:27.2; Lat 53.24 N; Lon 160.66 E; Dep 53.7; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.35, Plg=74, Azm=343; (N) Val=0.24, Plg=10, Azm=212; (P) Val=-1.59, Plg=12, Azm=120; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=197, Dip=35, Slip=72; NP2: Strike=39, Dip=57, Slip=102.
02	17	12	54.0?	37.28	N	3.71	W	10	G		0.3	4	SPAIN. mbLg 2.2 (MDD).
02	17	27	16.1	28.467	N	139.379	E	462	D	4.8	0.8	169	BONIN ISLANDS REGION
02	17	50	16.2%	34.225	N	90.886	E	33	N		1.1	9	QINGHAI, CHINA
02	17	56	49.4*	21.637	N	121.447	E	10	G	4.0	0.5	13	TAIWAN REGION
02	19	13	58.6	51.579	N	16.495	E	10	G		0.9	10	POLAND. ML 2.4 (MOX).
02	19	32	29.9	43.280	N	127.144	W	10	G		0.5	57	OFF COAST OF OREGON
02	19	47	48.0*	9.779	S	113.713	E	33	N	4.6	1.0	21	SOUTH OF JAWA, INDONESIA
02	19	49	48.8?	36.95	N	6.97	W	33	N		1.1	11	STRAIT OF GIBRALTAR. mbLg 3.3 (MDD).
02	20	33	07.8?	10.46	S	113.21	E	33	N	4.2	1.1	8	SOUTH OF JAWA, INDONESIA
02	21	01	28.9?	43.02	N	147.33	E	33	N		1.1	6	KURIL ISLANDS
02	21	34	59.1	34.492	N	141.112	E	38		4.8	0.7	21	OFF EAST COAST OF HONSHU, JAPAN
02	21	52	58.5	19.252	S	179.425	W	685	D	5.2	0.8	183	FIJI ISLANDS REGION. Mw 5.4 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 21:53:03.5; Lat 19.15 S; Lon 179.06 W; Dep 670.5; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.68, Plg=37, Azm=18; (N) Val=-0.35, Plg=12, Azm=117; (P) Val=-1.33, Plg=50, Azm=222; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=57, Dip=14, Slip=-151; NP2: Strike=298, Dip=83, Slip=-78.
02	22	01	13.2	19.179	S	179.428	W	671	D	4.8	1.0	101	FIJI ISLANDS REGION
02	22	33	54.8*	11.871	N	125.653	E	30	D	4.7	1.2	24	SAMAR, PHILIPPINE ISLANDS
02	22	45	21.2	5.348	S	154.333	E	380	D	5.0	0.9	78	SOLOMON ISLANDS
02	23	07	18.8?	37.13	N	94.52	E	10	G		1.2	7	QINGHAI, CHINA
03	00	55	37.7*	19.520	S	176.212	W	191	D	4.3	0.9	15	FIJI ISLANDS REGION
03	01	06	05.6?	45.21	N	6.65	E	5	G		0.0	4	FRANCE. ML 1.9 (LDG).
03	01	10	45.7?	15.05	S	173.92	W	33	N	4.6	0.9	13	TONGA ISLANDS
03	01	11	15.8*	9.023	N	83.848	W	33	N	4.5	1.1	14	COSTA RICA
03	01	13	45.5?	28.10	S	74.03	E	19	D	4.6	0.5	9	MID-INDIAN RIDGE
03	01	15	37.5*	27.860	S	74.250	E	17	D	4.8	0.9	18	MID-INDIAN RIDGE
03	01	15	54.5?	6.01	S	146.15	E	33	N	4.3	0.4	5	EASTERN NEW GUINEA REG., P.N.G.
03	01	29	03.1*	28.209	N	87.489	E	33	N	4.5	1.3	16	XIZANG
03	02	01	13.2?	26.67	S	177.35	W	33	N		0.4	7	SOUTH OF FIJI ISLANDS
03	03	31	10.2*	6.197	S	146.302	E	33	N	4.5	1.0	11	EASTERN NEW GUINEA REG., P.N.G.
03	03	50	36.8*	6.176	S	131.324	E	33	N	3.9	1.2	6	TANIMBAR ISLANDS REG., INDONESIA
03	04	26	14.8*	36.947	N	72.276	E	100	G	4.5	0.6	24	AFGHANISTAN-TAJIKISTAN BORD REG.
03	04	37	32.2*	11.645	N	125.608	E	33	N	4.8	1.1	22	SAMAR, PHILIPPINE ISLANDS
03	04	47	47.8*	11.716	N	125.569	E	33	N	4.6	1.2	23	SAMAR, PHILIPPINE ISLANDS
03	04	50	33.7	11.736	N	125.613	E	33	N	5.0	0.8	38	SAMAR, PHILIPPINE ISLANDS
03	05	03	04.2*	11.686	N	125.708	E	33	N	4.6	0.9	17	SAMAR, PHILIPPINE ISLANDS
03	06	06	19.6	43.114	N	0.183	W	10	G	4.1	1.1	62	PYRENEES. ML 4.2 (LDG), 3.7 (STR). Felt (III) in the Bigorre region, France.
03	06	41	01.0	43.002	N	0.172	W	10	G		0.8	19	PYRENEES. ML 3.1 (LDG), 2.7 (STR). mbLg 3.1 (MDD).
03	07	25	54.2?	44.26	N	128.74	W	10	G	3.2	0.6	9	OFF COAST OF OREGON
03	07	35	26.3?	9.07	N	126.20	E	33	N	4.3	0.9	9	MINDANAO, PHILIPPINE ISLANDS
03	09	11	14.2	47.382	N	11.876	E	10	G		0.9	15	AUSTRIA. ML 3.3 (FUR), 2.9 (GRF). Felt (III) at Brixlegg.
03	09	29	25.8	47.425	N	11.837	E	10	G		1.1	59	AUSTRIA. ML 3.6 (FUR), 3.6 (STR), 3.5 (GRF), 3.4 (LDG), 3.1 (MOX), 3.0 (VIE). Felt (IV) at Brixlegg.
03	09	39	06.8?	9.93	N	126.63	E	33	N	4.3	0.9	18	MINDANAO, PHILIPPINE ISLANDS
03	10	00	37.2	44.098	N	128.944	W	10	G	4.4	0.9	108	OFF COAST OF OREGON
03	10	02	03.3?	9.97	N	126.53	E	33	N	4.4	1.3	18	MINDANAO, PHILIPPINE ISLANDS
03	10	09	30.6	44.179	N	128.927	W	10	G	4.9 4.7	1.0	171	OFF COAST OF OREGON. Mw 5.4 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time

10:09:32.3; Lat 44.17 N; Lon 129.40 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.29, Plg=25, Azm=82; (N) Val=-0.09, Plg=4, Azm=350; (P) Val=-1.19, Plg=65, Azm=251; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=181, Dip=20, Slip=-78; NP2: Strike=348, Dip=70, Slip=-95.

03	10	15	02.7?	46.79	N	150.04	E	177	?			1.0	11	KURIL ISLANDS
03	11	33	37.1*	16.531	S	67.098	E	10	G	4.7		1.4	17	MID-INDIAN RIDGE
03	11	37	48.5?	9.76	N	126.31	E	33	N	4.8		1.4	13	MINDANAO, PHILIPPINE ISLANDS
03	13	08	21.0	64.532	N	17.716	W	10	G	4.5		0.9	54	ICELAND
03	14	08	54.8	6.077	S	113.095	E	599	*	4.4		0.8	34	JAWA, INDONESIA
03	14	32	49.4	43.524	N	147.268	E	33	N	5.0		0.8	89	KURIL ISLANDS
03	14	47	15.5*	33.777	N	25.625	E	10	G	4.1		1.4	22	EASTERN MEDITERRANEAN SEA
03	16	09	20.9	62.540	N	153.857	E	10	G	4.6		0.8	34	EASTERN SIBERIA, RUSSIA
03	17	28	32.5	34.631	N	98.988	E	33	N	4.7		0.9	23	QINGHAI, CHINA
03	17	32	26.8	33.834	N	25.613	E	10	G	4.3		1.0	113	EASTERN MEDITERRANEAN SEA
03	18	21	35.2*	27.953	N	128.172	E	46	*	4.7		1.1	26	RYUKYU ISLANDS
03	18	33	50.4	33.754	N	25.572	E	10	G	3.8		1.3	20	EASTERN MEDITERRANEAN SEA
03	18	58	36.7?	12.86	N	93.86	E	100	G	4.5		0.4	5	ANDAMAN ISLANDS, INDIA
03	19	32	57.7*	2.876	S	129.742	E	73	?	4.1		1.3	11	SERAM, INDONESIA
03	19	35	44.1?	34.01	S	71.47	W	33	N			0.4	5	NEAR COAST OF CENTRAL CHILE
03	20	06	59.9*	4.136	S	128.612	E	33	N	3.9		1.4	9	BANDA SEA
03	21	09	53.0*	31.241	N	78.351	E	33	N			0.8	8	XIZANG-INDIA BORDER REGION
03	21	33	11.2?	6.10	S	151.69	E	33	N	4.3		1.3	8	NEW BRITAIN REGION, P.N.G.
03	21	35	52.1	28.112	N	130.235	E	33	N	4.4		1.0	24	RYUKYU ISLANDS
03	21	52	25.3&	45.714	N	5.950	E	10	G			1.1	10	FRANCE. ML 2.0 (LDG).
03	22	20	36.6?	42.94	S	74.22	W	10	G			0.9	7	SOUTHERN CHILE
03	22	41	00.5	46.230	N	15.081	E	10	G			1.2	76	NORTHWESTERN BALKAN REGION. ML 4.1 (GRF), 3.9 (VIE), 3.7 (BRA), 3.7 (FUR), 3.6 (MOX). MD 3.9 (ROM). Felt (V) at Celje, Sempeter and Zalec, Slovenia.
03	22	43	39.6?	46.19	N	15.14	E	10	G			1.9	5	NORTHWESTERN BALKAN REGION. ML 2.3 (LJU). Felt at Celje, Sempeter and Zalec, Slovenia.
03	23	01	25.4?	9.83	N	126.46	E	33	N	4.3		1.4	8	MINDANAO, PHILIPPINE ISLANDS
04	00	01	11.3?	0.99	N	98.01	E	33	N			0.3	5	NORTHERN SUMATERA, INDONESIA
04	00	16	16.5	41.928	N	20.270	E	10	G	3.8		1.2	53	ALBANIA. ML 4.1 (ROM), 4.1 (SKO).
04	00	30	55.0&	32.588	S	71.037	W	70	G			0.2	10	NEAR COAST OF CENTRAL CHILE. MD 3.2 (SAN).
04	00	34	29.5*	7.399	S	128.794	E	119	?	4.3		1.0	16	BANDA SEA
04	00	39	50.8&	37.574	N	118.842	W	3					32	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 2.9 (GS).
04	01	16	11.8&	59.638	N	152.616	W	74					49	SOUTHERN ALASKA. <AEIC>.
04	01	17	49.2	33.731	N	25.562	E	10	G	4.2		1.2	63	EASTERN MEDITERRANEAN SEA
04	01	36	25.6	50.306	N	18.342	E	5	G			1.0	11	POLAND
04	01	44	33.0	34.303	N	91.040	E	33	N	4.0		0.8	16	QINGHAI, CHINA
04	02	12	28.9*	5.464	S	149.512	E	154	D	4.3		1.5	16	NEW BRITAIN REGION, P.N.G.
04	02	19	21.5?	51.28	N	16.04	E	5	G			0.8	4	POLAND. ML 2.7 (MOX).
04	03	08	55.4	30.325	N	138.352	E	430	D	4.1		0.8	26	SOUTH OF HONSHU, JAPAN
04	03	10	15.0?	28.20	N	66.62	E	33	N	3.6		0.6	10	PAKISTAN
04	05	21	22.7*	52.160	N	173.905	W	94	*	4.3		0.6	13	ANDREANOF ISLANDS, ALEUTIAN IS.
04	05	38	29.3*	18.194	N	111.294	W	10	G	4.4	3.7	0.9	34	REVILLA GIGEDO ISLANDS REGION
04	06	38	52.6*	26.301	N	126.034	E	33	N	4.4		0.9	14	RYUKYU ISLANDS
04	07	08	16.4	12.383	S	14.725	W	10	G	4.8	4.3	0.9	26	SOUTHERN MID-ATLANTIC RIDGE
04	07	28	24.7&	35.592	N	3.800	W	10	G			0.7	12	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD).
04	08	03	07.2	1.023	N	120.406	E	33	N	5.2		1.0	49	MINAHASSA PENINSULA, SULAWESI. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 08:03:13.9; Lat 1.02 N Fix; Lon 120.41 E Fix; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=3.27, Plg=47, Azm=181; (N) Val=-0.47, Plg=3, Azm=87; (P) Val=-2.79, Plg=43, Azm=354; Best double couple: Mo=3.0*10**17 Nm; NP1: Strike=32, Dip=4, Slip=34; NP2: Strike=267, Dip=88, Slip=93.
04	08	31	01.3*	4.210	N	127.928	E	119	?	4.3		1.2	14	TALAUD ISLANDS, INDONESIA
04	09	08	06.5?	16.36	S	67.34	E	10	G	4.9		1.2	10	MID-INDIAN RIDGE
04	09	33	01.0*	6.043	S	127.478	E	400	G	4.4		0.9	13	BANDA SEA
04	09	54	34.3*	4.917	S	134.117	E	33	N	3.9		1.4	15	IRIAN JAYA REGION, INDONESIA
04	11	12	20.3*	51.661	N	16.085	E	5	G			1.5	9	POLAND. ML 2.4 (MOX).
04	13	08	37.0	36.495	N	70.836	E	190	D	4.2		0.7	33	HINDU KUSH REGION, AFGHANISTAN
04	14	18	50.4?	0.85	S	135.73	E	33	N	4.3		0.8	10	IRIAN JAYA REGION, INDONESIA
04	14	27	27.4*	44.342	N	149.617	E	33	N	3.8		1.2	16	KURIL ISLANDS
04	14	38	18.7*	45.573	N	151.710	E	33	N			1.2	14	KURIL ISLANDS
04	14	50	32.0*	28.132	N	129.525	E	55	*			1.4	10	RYUKYU ISLANDS
04	14	59	04.8*	19.216	N	145.911	E	200	G			0.8	9	MARIANA ISLANDS
04	15	38	51.2*	41.511	N	142.675	E	54	*	4.3		1.2	35	HOKKAIDO, JAPAN REGION
04	16	07	19.4*	29.458	N	51.347	E	33	N	3.8		0.8	11	SOUTHERN IRAN
04	16	20	13.9	4.758	S	153.358	E	76	D	4.9		0.7	32	NEW IRELAND REGION, P.N.G.
04	16	25	17.7?	5.17	S	147.74	E	200	G	4.9		1.2	11	EASTERN NEW GUINEA REG., P.N.G.
04	16	25	22.1&	59.958	N	152.578	W	92					59	SOUTHERN ALASKA. <AEIC>.
04	16	42	14.8	43.945	N	7.846	E	10	G			0.8	15	NEAR SOUTH COAST OF FRANCE. ML 1.9 (GEN), 1.9 (LDG).
04	16	58	56.7&	33.733	N	135.554	E	33	N			0.2	7	NEAR S. COAST OF WESTERN HONSHU
04	17	18	09.6?	43.61	N	128.01	W	10	G			0.8	40	OFF COAST OF OREGON
04	17	31	13.2*	2.645	S	129.456	E	33	N	4.3		1.5	15	SERAM, INDONESIA
04	17	35	50.5*	9.711	N	126.292	E	33	N	4.5		1.3	21	MINDANAO, PHILIPPINE ISLANDS
04	18	45	20.8	43.762	N	7.586	E	10	G			0.5	13	NEAR SOUTH COAST OF FRANCE. ML 1.9 (GEN), 1.8 (LDG).
04	19	13	18.2*	41.559	S	89.262	W	10	G	5.0		1.3	19	SOUTHERN PACIFIC OCEAN. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 19:13:22.9; Lat 41.18 S; Lon 89.28 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.64, Plg=0, Azm=266; (N) Val=-0.08, Plg=90, Azm=180; (P) Val=-4.56, Plg=0, Azm=176; Best double couple: Mo=4.6*10**16 Nm; NP1: Strike=311, Dip=90, Slip=-180; NP2: Strike=41, Dip=90, Slip=0.
04	19	39	30.5&	37.557	N	3.944	W	33	N			0.3	6	SPAIN. mbLg 2.0 (MDD).
04	20	00	09.4*	2.687	S	129.095	E	33	N	4.6		1.4	19	SERAM, INDONESIA
04	21	40	44.9?	4.52	S	129.44	E	100	G	3.4		1.2	7	BANDA SEA

04	21	42	22.7	37.859	N	27.237	E	10	G	3.8		0.8	36	TURKEY
04	22	12	46.5%	44.385	N	7.337	E	10	G			0.8	7	NORTHERN ITALY. ML 1.9 (GEN).
04	22	25	11.0	44.624	N	11.045	E	20	G			0.9	23	NORTHERN ITALY. ML 2.7 (LDG). MD 2.7 (ROM).
[redacted]	23	27	53.3?	8.77	N	126.82	E	33	N	4.3		0.8	7	MINDANAO, PHILIPPINE ISLANDS
[redacted]	23	57	59.1?	45.67	N	152.03	E	33	N	3.8		0.4	9	EAST OF KURIL ISLANDS
05	00	09	28.6	28.974	S	68.843	W	120	D	4.5		0.8	32	LA RIOJA PROVINCE, ARGENTINA
05	00	51	15.8	34.911	N	138.043	E	48		5.2		1.0	43	NEAR S. COAST OF HONSHU, JAPAN
05	01	56	03.4	44.179	N	148.477	E	33	N	4.6		1.0	39	KURIL ISLANDS
05	02	33	22.9?	16.11	S	167.78	E	33	N	4.4		0.9	15	VANUATU ISLANDS
05	03	07	52.9	34.127	N	139.155	E	10	G			0.8	17	NEAR S. COAST OF HONSHU, JAPAN
05	03	16	49.0?	35.97	N	140.11	E	10	G			0.9	5	NEAR EAST COAST OF HONSHU, JAPAN
05	03	20	47.0?	43.38	N	16.98	E	10	G			0.6	12	NORTHWESTERN BALKAN REGION
05	03	56	43.4*	3.646	S	146.016	E	33	N	4.5		1.0	14	BISMARCK SEA
05	04	22	09.8?	35.70	N	140.32	E	10	G			0.3	5	NEAR EAST COAST OF HONSHU, JAPAN
05	04	42	44.7*	4.592	S	134.255	E	33	N	4.1		1.0	6	IRIAN JAYA REGION, INDONESIA
05	04	46	57.3%	44.526	N	7.306	E	10	G			0.2	6	NORTHERN ITALY. ML 1.7 (GEN).
05	06	09	59.0?	0.82	S	136.50	E	33	N	4.4		1.0	9	IRIAN JAYA REGION, INDONESIA
05	07	37	59.1	16.796	N	86.072	W	10	G	5.3	4.6	1.0	121	CARIBBEAN SEA. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 07:38:03.0; Lat 16.81 N; Lon 86.31 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=2.43, Plg=6, Azm=114; (N) Val=0.20, Plg=74, Azm=225; (P) Val=-2.63, Plg=15, Azm=23; Best double couple: Mo=2.5*10**17 Nm; NP1: Strike=159, Dip=76, Slip=-174; NP2: Strike=68, Dip=84, Slip=-14.
05	08	44	33.2&	58.542	N	137.078	W	0					14	SOUTHEASTERN ALASKA. <AEIC>. ML 2.5 (AEIC).
05	09	10	25.8?	42.85	N	0.21	W	10	G			1.8	5	PYRENEES. ML 2.2 (LDG).
05	10	20	01.1	9.846	N	126.340	E	33	N	4.9		0.7	25	MINDANAO, PHILIPPINE ISLANDS
05	10	51	11.0*	20.126	S	174.154	W	33	N	4.7		0.9	22	TONGA ISLANDS
05	11	18	41.7?	43.60	S	82.09	W	10	G	5.2	4.6	1.1	18	WEST CHILE RISE. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 11:18:40.0; Lat 43.73 S; Lon 82.39 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.92, Plg=14, Azm=277; (N) Val=1.01, Plg=32, Azm=16; (P) Val=-6.94, Plg=54, Azm=166; Best double couple: Mo=6.4*10**16 Nm; NP1: Strike=332, Dip=41, Slip=-143; NP2: Strike=212, Dip=66, Slip=-55.
05	11	25	29.0	44.267	N	11.822	E	20	G			1.0	16	NORTHERN ITALY. ML 2.9 (VIE), 2.8 (LDG). MD 2.8 (ROM).
05	12	24	59.2%	37.002	N	4.137	W	10	G			1.1	10	SPAIN. mbLg 2.6 (MDD).
05	12	47	42.1%	37.005	N	4.126	W	10	G			1.2	10	SPAIN. mbLg 2.5 (MDD).
05	12	50	02.4*	12.618	N	142.300	E	150	G	4.4		0.7	12	SOUTH OF MARIANA ISLANDS
05	12	53	28.5%	37.000	N	4.175	W	10	G			0.7	6	SPAIN. mbLg 2.3 (MDD).
05	14	39	53.0?	4.88	S	134.59	E	33	N	4.4		1.2	6	IRIAN JAYA REGION, INDONESIA
05	15	13	20.8?	7.44	S	129.50	E	150	G	4.3		0.8	8	BANDA SEA
[redacted]	18	41	53.5	43.972	N	7.618	E	10	G			0.4	13	NEAR SOUTH COAST OF FRANCE. ML 2.2 (GEN), 1.9 (LDG).
[redacted]	19	20	03.4*	43.295	N	128.100	W	10	G			0.4	49	OFF COAST OF OREGON
[redacted]	19	37	45.7?	51.42	N	15.99	E	5	G			0.2	5	POLAND. ML 2.5 (MOX).
05	20	03	19.2*	3.212	S	139.551	E	33	N	3.5		0.6	5	IRIAN JAYA, INDONESIA
05	21	21	37.2*	40.573	S	175.907	E	33	N	4.7		1.2	27	NORTH ISLAND, NEW ZEALAND
05	23	49	41.3&	60.321	N	152.173	W	81					50	SOUTHERN ALASKA. <AEIC>.
06	00	11	36.2?	5.01	S	153.85	E	33	N	4.5		1.0	12	NEW IRELAND REGION, P.N.G.
06	00	14	18.6?	26.16	S	177.17	W	100	G	4.5		0.8	12	SOUTH OF FIJI ISLANDS
06	01	08	59.4*	54.532	N	160.513	E	33	N	4.4		1.5	16	NEAR EAST COAST OF KAMCHATKA
06	01	38	02.1%	36.986	N	4.164	W	10	G			0.8	10	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
06	02	03	16.8%	46.356	N	7.508	E	10	G			0.9	5	SWITZERLAND. ML 2.0 (LDG).
06	02	07	45.8*	25.526	N	64.609	E	33	N	4.1		0.9	11	SOUTHWESTERN PAKISTAN
06	02	59	36.6*	43.902	N	146.960	E	33	N	4.3		0.9	21	KURIL ISLANDS
06	03	05	50.2*	32.946	N	139.992	E	150	G			0.4	6	SOUTH OF HONSHU, JAPAN
06	03	25	45.8%	37.001	N	4.181	W	10	G			0.8	9	SPAIN. mbLg 2.4 (MDD).
06	04	16	03.8	18.621	S	175.672	W	33	N	5.0	4.9	0.6	48	TONGA ISLANDS. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 04:16:08.2; Lat 18.43 S; Lon 175.08 W; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.20, Plg=20, Azm=242; (N) Val=-0.29, Plg=69, Azm=43; (P) Val=-0.91, Plg=6, Azm=150; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=284, Dip=71, Slip=170; NP2: Strike=18, Dip=81, Slip=19.
06	05	23	20.8	52.672	S	140.319	E	10	G	5.0		1.1	55	WEST OF MACQUARIE ISLAND
06	05	33	50.1&	34.295	N	118.443	W	5					49	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.3 (PAS). ML 3.2 (GS). Felt in the San Fernando Valley.
06	05	40	16.4?	0.56	S	19.55	W	10	G	3.7		0.3	6	CENTRAL MID-ATLANTIC RIDGE
06	05	47	22.8	45.989	N	143.283	E	300	G	4.3		0.9	35	HOKKAIDO, JAPAN REGION
06	06	33	16.3*	52.652	S	140.174	E	10	G	4.9	5.0	1.4	38	WEST OF MACQUARIE ISLAND. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time, 06:33:18.2; Lat 53.09 S; Lon 140.07 E; Dep 15.0 Fix; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.29, Plg=0, Azm=222; (N) Val=-0.05, Plg=90, Azm=180; (P) Val=-1.24, Plg=0, Azm=132; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=267, Dip=90, Slip=-180; NP2: Strike=357, Dip=90, Slip=0.
06	07	42	21.9&	40.600	N	124.798	W	9					27	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.8 (GM). ML 3.3 (BRK), 3.3 (GS). Felt slightly at Eureka.
06	07	44	59.7	43.417	S	39.181	E	10	G	5.1	5.0	1.0	50	PRINCE EDWARD ISLANDS REGION. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 07:45:06.3; Lat 43.12 S; Lon 39.37 E; Dep 15.0 Fix; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.90, Plg=1, Azm=330; (N) Val=0.05, Plg=84, Azm=226; (P) Val=-1.94, Plg=6, Azm=60; Best double couple: Mo=1.9*10**17 Nm; NP1: Strike=104, Dip=85, Slip=-3; NP2: Strike=195, Dip=87, Slip=-175.
06	07	58	06.0&	61.631	N	146.441	W	30					75	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
06	08	31	33.2?	6.17	S	145.81	E	150	G	4.0		1.0	10	NEW GUINEA, PAPUA NEW GUINEA
06	08	35	37.8?	50.07	N	178.55	W	33	N			1.5	5	ANDREANOF ISLANDS, ALEUTIAN IS.

06	09	04	11.2*	54.806	N	161.454	E	33	N		0.6	8	NEAR EAST COAST OF KAMCHATKA
06	09	20	14.3	43.956	N	7.618	E	10	G		0.2	9	NEAR SOUTH COAST OF FRANCE. ML 2.1 (GEN), 1.6 (LDG).
06	10	02	42.1	9.785	S	118.002	E	54		4.9	1.3	54	SUMBAWA REGION, INDONESIA. Mw 5.4 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 10:02:39.3; Lat 10.10 S; Lon 119.91 E; Dep 102.5; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.46, Plg=49, Azm=68; (N) Val=-0.21, Plg=13, Azm=173; (P) Val=-1.25, Plg=38, Azm=273; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=58, Dip=14, Slip=156; NP2: Strike=172, Dip=84, Slip=77.
06	11	08	29.0*	38.649	N	15.845	E	200	G	4.1	0.9	26	SICILY
06	11	10	00.1*	6.559	N	94.213	E	100	G	4.4	0.7	14	NICOBAR ISLANDS, INDIA
06	11	37	10.0	30.168	N	131.376	E	51	*	4.5	0.9	25	KYUSHU, JAPAN
06	11	40	06.1?	17.58	S	178.77	W	600	G	4.3	0.4	14	FIJI ISLANDS REGION
06	11	40	45.4?	4.35	S	144.36	E	33	N	3.9	0.8	5	NEAR N COAST OF NEW GUINEA, PNG.
06	12	15	05.2*	29.054	N	139.562	E	442			0.7	15	SOUTH OF HONSHU, JAPAN
06	12	52	39.8&	36.545	N	121.129	W	6				47	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.9 (GS).
06	12	56	03.8	34.832	N	138.020	E	33	N	4.7	0.8	15	NEAR S. COAST OF HONSHU, JAPAN
06	13	29	41.0	51.673	N	16.147	E	5	G		0.6	15	POLAND. ML 3.5 (VIE), 3.1 (MOX).
06	14	02	56.6?	26.87	S	177.32	W	100	G	4.4	0.7	7	SOUTH OF FIJI ISLANDS
06	14	44	01.0*	36.022	N	70.800	E	113	?	4.5	1.1	11	HINDU KUSH REGION, AFGHANISTAN
06	15	25	12.3	5.843	S	80.998	W	33	N	4.7	0.8	34	NEAR COAST OF NORTHERN PERU
06	15	32	30.9	13.229	N	44.966	W	10	G	5.1 5.2	1.0	130	NORTHERN MID-ATLANTIC RIDGE. Mw 5.6 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 15:32:35.3; Lat 13.10 N; Lon 44.84 W; Dep 15.0 Fix; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.37, Plg=11, Azm=81; (N) Val=0.19, Plg=21, Azm=347; (P) Val=-2.56, Plg=66, Azm=197; Best double couple: Mo=2.5*10**17 Nm; NP1: Strike=196, Dip=39, Slip=-54; NP2: Strike=334, Dip=60, Slip=-115.
06	16	31	30.8&	36.987	N	4.154	W	10	G		0.6	7	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
06	17	05	00.1?	23.29	N	143.88	E	33	N	3.7	1.1	9	VOLCANO ISLANDS REGION
06	17	06	45.3?	52.72	N	174.30	W	195	?	4.2	0.4	9	ANDREANOF ISLANDS, ALEUTIAN IS.
06	17	43	49.6&	54.839	N	161.430	E	33	N		0.6	7	NEAR EAST COAST OF KAMCHATKA
06	17	59	55.3	28.019	N	139.498	E	492		4.2	0.6	46	BONIN ISLANDS REGION
06	18	58	45.7*	5.745	N	126.235	E	150	G	4.3	0.8	19	MINDANAO, PHILIPPINE ISLANDS
06	19	03	49.3&	17.413	N	62.238	W	33	N		0.4	5	LEEWARD ISLANDS. MD 2.9 (TRN).
06	20	13	09.1	49.047	N	127.880	W	10	G	5.8 6.3	1.2	386	VANCOUVER ISLAND REGION. Mw 6.2 (HRV), 6.0 (GS). Me 6.7 (GS).
													Broadband Source Parameters (GS): Dep 6; NP1: Strike=140, Dip=88, Slip=176; NP2: Strike=230, Dip=86, Slip=2; Radiated energy 2.6*10**14 Nm.
													Moment Tensor (GS): Dep 3; Principal axes (scale 10**18 Nm): (T) Val=1.09, Plg=0, Azm=282; (N) Val=0.28, Plg=75, Azm=191; (P) Val=-1.38, Plg=15, Azm=12; Best double couple: Mo=1.2*10**18 Nm; NP1: Strike=56, Dip=79, Slip=-11; NP2: Strike=148, Dip=79, Slip=-169.
													Centroid, Moment Tensor (HRV): Centroid origin time 20:13:13.8; Lat 48.94 N; Lon 128.03 W; Dep 15.0 Fix; Half-duration 3.0 sec; Principal axes (scale 10**18 Nm): (T) Val=2.37, Plg=9, Azm=271; (N) Val=-0.33, Plg=81, Azm=75; (P) Val=-2.04, Plg=2, Azm=181; Best double couple: Mo=2.2*10**18 Nm; NP1: Strike=316, Dip=82, Slip=176; NP2: Strike=46, Dip=86, Slip=8.
													Scalar Moment (PPT): Mo=3.4*10**18 Nm.
06	20	25	37.2&	62.028	N	150.499	W	10				62	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
06	20	29	09.4	49.079	N	127.965	W	10	G	4.2	1.2	35	VANCOUVER ISLAND REGION. ML 4.4 (PGC).
06	20	40	13.6	7.314	S	128.611	E	157		4.7	0.9	41	BANDA SEA
06	20	43	19.6	49.073	N	127.822	W	10	G	4.2	0.9	104	VANCOUVER ISLAND REGION. ML 4.5 (PGC).
06	21	03	23.6	36.326	N	140.934	E	33	N	4.8	1.1	55	NEAR EAST COAST OF HONSHU, JAPAN
06	21	11	02.1*	31.853	N	131.646	E	33	N	4.3	1.3	7	KYUSHU, JAPAN
06	21	12	49.9&	42.829	N	2.639	E	5	G		0.7	10	PYRENEES. ML 2.9 (LDG).
06	22	00	36.2&	33.192	N	115.565	W	4				8	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.8 (PAS).
06	22	08	19.4&	33.189	N	115.567	W	5				5	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.8 (PAS).
06	22	23	00.5	49.111	N	127.798	W	10	G	4.0	0.8	69	VANCOUVER ISLAND REGION
06	23	10	21.0	49.058	N	127.871	W	10	G		0.8	36	VANCOUVER ISLAND REGION
06	23	15	57.7*	7.211	S	124.142	E	565	?	4.7	0.7	14	BANDA SEA
06	23	21	31.0*	50.065	N	174.851	W	33	N	3.7	0.6	7	ANDREANOF ISLANDS, ALEUTIAN IS.
06	23	24	49.3?	9.94	S	120.76	E	150	G	3.9	1.1	5	SUMBA REGION, INDONESIA
06	23	38	37.8	7.089	N	94.395	E	33	N	4.4	0.9	18	NICOBAR ISLANDS, INDIA
06	23	43	18.0?	36.49	N	140.61	E	53	?		0.1	5	NEAR EAST COAST OF HONSHU, JAPAN
07	00	13	38.6*	36.563	N	71.134	E	33	N		1.1	12	AFGHANISTAN-TAJIKISTAN BORD REG.
07	01	16	53.0&	62.180	N	150.680	W	64				90	CENTRAL ALASKA. <AEIC>. ML 3.4 (AEIC).
07	01	21	59.7&	33.191	N	115.566	W	4				26	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.2 (PAS). ML 3.1 (GS). Felt.
07	02	04	17.4	49.058	N	127.804	W	10	G	3.9	0.9	82	VANCOUVER ISLAND REGION. ML 4.2 (PGC).
07	02	13	24.8	44.229	N	6.841	E	10	G		0.8	43	FRANCE. ML 3.0 (STR), 2.8 (LDG).
07	02	27	24.8&	45.179	N	26.653	E	10	G		1.1	5	ROMANIA
07	02	42	12.2&	60.570	N	152.180	W	84				52	SOUTHERN ALASKA. <AEIC>.
07	03	53	20.1	43.150	N	0.152	W	10	G		1.4	33	PYRENEES. mbLg 3.6 (MDD). ML 3.5 (LDG), 3.0 (STR). Felt in the Ossau Valley, France.
07	03	59	07.8	43.087	N	0.147	W	10	G		1.1	24	PYRENEES. ML 3.4 (LDG), 3.0 (STR). mbLg 3.3 (MDD). Felt in the Ossau Valley, France.
07	04	23	44.9	53.019	N	159.488	E	69	D	4.5	0.8	36	NEAR EAST COAST OF KAMCHATKA
07	04	39	17.6&	56.183	N	162.805	E	33	N		0.7	9	NEAR EAST COAST OF KAMCHATKA
07	06	04	26.1?	11.95	N	125.37	E	33	N	4.6	0.5	9	SAMAR, PHILIPPINE ISLANDS
07	06	07	02.2	0.872	N	28.394	W	10	G	5.0	0.9	43	CENTRAL MID-ATLANTIC RIDGE. Mw 5.2 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 06:07:04.8; Lat 0.92 N; Lon 28.17 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.71, Plg=17, Azm=222; (N) Val=-0.17, Plg=72, Azm=21; (P) Val=-6.54, Plg=6, Azm=130; Best double couple: Mo=6.6*10**16 Nm; NP1: Strike=265, Dip=74, Slip=172; NP2: Strike=357, Dip=82, Slip=16.

07	06	20	20.7&	49.260	N	127.947	W	10	G		0.9	9	VANCOUVER ISLAND REGION
07	06	34	41.3	36.837	N	21.490	E	33	N	4.4	1.0	25	SOUTHERN GREECE
07	06	59	55.9*	13.361	N	45.043	W	10	G	4.6	0.9	11	NORTHERN MID-ATLANTIC RIDGE
07	07	02	46.6*	12.102	N	125.974	E	33	N	4.6	1.2	20	SAMAR, PHILIPPINE ISLANDS
07	07	35	19.7*	53.047	N	159.938	E	33	N	4.5	0.9	31	NEAR EAST COAST OF KAMCHATKA
07	07	37	23.4	49.056	N	127.973	W	10	G	3.7	1.0	25	VANCOUVER ISLAND REGION. ML 4.1 (PGC).
07	07	58	13.2&	60.960	N	150.900	W	45				79	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
07	08	45	52.4	28.689	S	62.915	W	616		4.7	0.8	62	SANTIAGO DEL ESTERO PROV., ARG.
07	08	59	44.2	17.807	S	178.857	W	600	G	4.8	0.6	35	FIJI ISLANDS REGION
07	09	23	56.9	22.113	S	179.577	W	606	D	5.2	0.8	149	SOUTH OF FIJI ISLANDS. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 09:24:02.0; Lat 21.83 S; Lon 179.45 W; Dep 599.5; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.68, Plg=30, Azm=81; (N) Val=0.17, Plg=4, Azm=348; (P) Val=-1.85, Plg=59, Azm=252; Best double couple: Mo=1.8*10**17 Nm; NP1: Strike=183, Dip=15, Slip=-75; NP2: Strike=347, Dip=76, Slip=-94.
07	10	04	28.5?	2.77	N	127.48	E	33	N	4.2	1.4	8	NORTHERN MOLUCCA SEA
07	10	18	56.7	49.142	N	127.850	W	10	G	3.8	0.9	81	VANCOUVER ISLAND REGION. ML 4.3 (PGC).
07	11	06	58.4&	65.170	N	148.540	W	12				17	NORTHERN ALASKA. <AEIC>. ML 2.5 (AEIC). Felt along Chena Hot Springs Road and at Fairbanks.
07	11	19	22.2*	7.232	S	122.979	E	600	G	4.8	1.0	26	FLORES SEA
07	11	21	46.0*	1.451	N	85.335	W	33	N	4.6	1.2	23	OFF COAST OF ECUADOR
07	11	53	40.2?	2.85	S	136.07	E	33	N	3.8	1.4	6	IRIAN JAYA REGION, INDONESIA
07	12	28	03.3*	23.122	N	143.801	E	33	N		0.8	11	VOLCANO ISLANDS REGION
07	14	04	47.6*	45.393	N	151.267	E	53	D	3.7	1.0	14	KURIL ISLANDS
07	14	29	03.9*	24.915	N	122.921	E	150	G	4.4	0.8	11	TAIWAN REGION
07	14	45	25.4*	8.195	S	120.201	E	230	*	4.5	0.9	15	FLORES REGION, INDONESIA
07	16	22	06.9*	50.983	N	156.981	E	100	G	4.1	0.9	17	KURIL ISLANDS
07	16	27	44.9&	33.815	S	71.052	W	60	G		0.3	9	NEAR COAST OF CENTRAL CHILE. MD 2.5 (SAN).
07	16	51	54.7	6.475	N	125.930	E	152	*	4.8	1.1	40	MINDANAO, PHILIPPINE ISLANDS
07	17	56	30.9&	44.896	N	7.022	E	10	G		0.5	7	NORTHERN ITALY. ML 1.8 (LDG).
07	18	02	17.4&	33.740	S	71.823	W	15	G		0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
07	18	24	10.4&	33.764	S	71.758	W	20	G		0.3	9	NEAR COAST OF CENTRAL CHILE. MD 3.2 (SAN).
07	18	32	28.2*	19.030	S	177.665	W	600	G	4.5	0.5	21	FIJI ISLANDS REGION
07	18	32	54.9?	32.62	S	70.11	W	130	G		0.3	9	CHILE-ARGENTINA BORDER REGION. MD 2.6 (SAN).
07	18	36	06.7	49.055	N	127.951	W	10	G	4.5	1.2	113	VANCOUVER ISLAND REGION. ML 4.6 (PGC).
07	19	24	24.1?	12.05	N	125.56	E	100	G		0.8	7	SAMAR, PHILIPPINE ISLANDS
07	19	41	34.8*	30.475	S	179.430	W	300	G	4.4	1.1	26	KERMADEC ISLANDS REGION
07	20	13	43.5*	36.486	N	21.312	E	33	N		1.1	12	SOUTHERN GREECE
07	21	22	25.6&	45.930	N	143.310	E	300	G		1.1	10	HOKKAIDO, JAPAN REGION
07	21	32	16.4	1.139	S	136.893	E	55	*	4.6	1.2	29	IRIAN JAYA REGION, INDONESIA
08	00	26	51.4&	45.622	N	7.158	E	5	G		0.5	5	NORTHERN ITALY. ML 1.5 (LDG).
08	01	28	59.1*	29.513	N	61.063	E	33	N	4.2	1.0	16	SOUTHWESTERN PAKISTAN
08	01	36	53.9	45.778	S	96.025	E	10	G	5.2 5.9	1.0	92	SOUTHEAST INDIAN RIDGE. Mw 6.1 (GS), 6.0 (HRV). Moment Tensor (GS): Dep 6; Principal axes (scale 10**18 Nm): (T) Val=1.58, Plg=10, Azm=86; (N) Val=0.00, Plg=80, Azm=252; (P) Val=-1.58, Plg=2, Azm=356; Best double couple: Mo=1.6*10**18 Nm; NP1: Strike=130, Dip=81, Slip=175; NP2: Strike=221, Dip=85, Slip=9. Centroid, Moment Tensor (HRV): Centroid origin time 01:37:00.1; Lat 45.68 S; Lon 95.70 E; Dep 15.0 Bdy; Half-duration 2.3 sec; Principal axes (scale 10**18 Nm): (T) Val=1.01, Plg=15, Azm=82; (N) Val=-0.01, Plg=75, Azm=269; (P) Val=-1.00, Plg=2, Azm=173; Best double couple: Mo=1.0*10**18 Nm; NP1: Strike=218, Dip=79, Slip=9; NP2: Strike=126, Dip=81, Slip=168.
08	02	00	17.7&	33.498	S	70.253	W	100	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.5 (SAN).
08	02	29	15.9	51.681	N	16.169	E	5	G		0.8	15	POLAND. ML 3.5 (GRF), 2.9 (CLL).
08	02	55	50.1	36.828	N	21.526	E	33	N	4.3	1.2	105	SOUTHERN GREECE
08	03	32	05.6&	33.751	S	70.159	W	10	G		0.2	8	CHILE-ARGENTINA BORDER REGION
08	03	59	35.8?	43.52	N	128.38	W	10	G		0.4	31	OFF COAST OF OREGON
08	04	13	28.5*	30.485	N	113.585	W	10	G	3.8	1.1	11	GULF OF CALIFORNIA
08	04	45	17.7?	53.55	S	140.69	E	10	G	4.6	1.4	14	WEST OF MACQUARIE ISLAND
08	05	03	42.4	49.083	N	127.786	W	10	G	4.4	0.6	61	VANCOUVER ISLAND REGION
08	05	04	08.8	3.996	N	126.227	E	79	*	4.8	0.9	47	TALAUD ISLANDS, INDONESIA
08	06	20	07.1?	5.03	S	147.19	E	33	N	3.9	0.6	5	EASTERN NEW GUINEA REG., P.N.G.
08	06	34	22.0?	30.44	S	177.60	W	33	N	4.6	1.3	20	KERMADEC ISLANDS, NEW ZEALAND
08	06	44	14.2?	32.57	S	72.08	W	10	G		0.5	11	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
08	06	51	05.4?	36.10	N	69.77	E	250	G		0.5	7	HINDU KUSH REGION, AFGHANISTAN
08	07	19	11.6*	8.704	N	126.501	E	55	*	5.0	1.2	37	MINDANAO, PHILIPPINE ISLANDS
08	07	52	58.0	52.873	N	152.534	E	627	D	5.2	0.7	368	NORTHWEST OF KURIL ISLANDS. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 07:53:02.3; Lat 52.91 N; Lon 152.58 E; Dep 635.2; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=3.07, Plg=23, Azm=103; (N) Val=-0.14, Plg=9, Azm=196; (P) Val=-2.93, Plg=65, Azm=305; Best double couple: Mo=3.0*10**17 Nm; NP1: Strike=175, Dip=23, Slip=-113; NP2: Strike=20, Dip=69, Slip=-81.
08	07	54	37.2?	6.53	N	127.26	E	182	D	4.5	0.9	13	PHILIPPINE ISLANDS REGION
08	08	03	49.4?	6.03	S	129.79	E	200	G	4.4	0.8	7	BANDA SEA
08	08	32	59.1&	33.225	S	70.442	W	100	G		0.3	11	CHILE-ARGENTINA BORDER REGION. MD 2.8 (SAN).
08	09	00	34.7?	36.13	N	70.55	E	200	G		1.3	11	HINDU KUSH REGION, AFGHANISTAN
08	09	06	58.2?	6.89	S	128.73	E	300	G	4.1	0.4	11	BANDA SEA
08	10	14	44.2&	44.414	N	149.517	E	33	N		0.6	11	KURIL ISLANDS
08	11	40	35.1	6.507	S	154.939	E	33	N	4.9	0.7	55	SOLOMON ISLANDS. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 11:40:38.2; Lat 6.90 S; Lon 154.97 E; Dep 49.3; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.48, Plg=77, Azm=40; (N) Val=-0.58, Plg=2, Azm=301; (P) Val=-4.90, Plg=13, Azm=211; Best double couple: Mo=5.2*10**16 Nm; NP1: Strike=299, Dip=32, Slip=87; NP2: Strike=123, Dip=58, Slip=92.

08	12	04	51.2?	32.49	S	71.79	W	20	G		0.4	7	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
08	13	09	05.0*	26.823	S	177.124	W	100	G	4.3	1.1	15	SOUTH OF FIJI ISLANDS
08	13	11	39.1&	61.020	N	141.630	W	3				23	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
08	14	01	47.4&	37.942	N	118.147	W	3				83	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 4.0 (GM). ML 4.2 (GS).
08	15	13	34.4?	35.57	S	70.43	W	160	G		0.1	9	CHILE-ARGENTINA BORDER REGION. MD 2.7 (SAN).
08	15	25	02.6&	18.272	S	69.076	W	150	G		0.9	9	NORTHERN CHILE
08	15	43	30.1	39.618	N	120.083	W	5	G		0.8	20	NORTHERN CALIFORNIA. MD 2.8 (GM).
08	16	46	04.4&	34.289	N	118.551	W	11				5	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.8 (PAS).
08	16	56	25.1?	36.23	S	70.43	W	210	G		0.1	9	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
08	17	40	51.0&	59.990	N	140.590	W	6				18	SOUTHEASTERN ALASKA. <AEIC>. ML 2.5 (AEIC).
08	18	49	38.6?	24.67	S	176.40	W	33	N	4.4	0.8	8	SOUTH OF FIJI ISLANDS
08	19	52	25.6	9.281	N	126.736	E	33	N	5.0	1.1	58	MINDANAO, PHILIPPINE ISLANDS. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 19:52:28.7; Lat 8.84 N; Lon 126.88 E; Dep 25.0; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=0.84, Plg=56, Azm=220; (N) Val=0.48, Plg=27, Azm=358; (P) Val=-1.32, Plg=20, Azm=98; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=225, Dip=35, Slip=143; NP2: Strike=347, Dip=70, Slip=61.
08	19	58	51.9*	9.332	N	126.540	E	33	N	4.8	1.4	38	MINDANAO, PHILIPPINE ISLANDS
08	20	01	21.1&	39.593	N	120.152	W	0				23	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.9 (GS).
08	20	14	32.9?	10.39	N	62.99	W	33	N	4.0	1.6	13	NEAR COAST OF VENEZUELA. MD 4.1 (TRN).
08	21	04	22.3&	62.520	N	150.980	W	86				66	CENTRAL ALASKA. <AEIC>.
08	21	04	31.7*	11.423	N	65.459	W	10	G	3.6	0.9	12	CARIBBEAN SEA
08	21	30	53.5*	9.347	N	126.607	E	33	N	4.6	1.3	23	MINDANAO, PHILIPPINE ISLANDS
08	22	25	14.6&	37.386	N	2.143	W	5	G		0.9	10	SPAIN. mbLg 2.5 (MDD).
08	22	34	53.4	5.303	S	133.751	E	33	N	4.9	1.0	27	ARU ISLANDS REGION, INDONESIA
09	00	11	31.4&	44.567	N	7.277	E	10	G		0.3	8	NORTHERN ITALY. ML 1.9 (LDG).
09	02	46	56.5&	60.590	N	141.590	W	8				56	SOUTHEASTERN ALASKA. <AEIC>. ML 3.4 (AEIC).
09	02	47	25.8	37.741	N	139.466	E	154		4.3	1.1	32	EASTERN HONSHU, JAPAN
09	03	02	57.5	45.987	N	6.869	E	10	G		0.9	33	FRANCE. ML 2.8 (LDG), 2.8 (STR).
09	03	12	20.7&	27.890	N	130.097	E	33	N		0.7	5	RYUKYU ISLANDS
09	04	10	45.1*	31.290	N	141.309	E	49	*		1.5	23	SOUTH OF HONSHU, JAPAN
09	04	16	55.2*	3.252	S	101.413	E	81	?	4.7	0.8	14	SOUTHERN SUMATERA, INDONESIA
09	04	30	48.0?	9.25	S	76.40	W	79	?	3.8	0.8	6	CENTRAL PERU
09	05	00	38.0	42.766	N	145.069	E	33	N	4.6	0.9	28	HOKKAIDO, JAPAN REGION
09	05	29	38.5?	27.88	S	177.73	W	200	G	4.4	1.3	12	KERMADEC ISLANDS REGION
09	07	11	23.3*	9.890	S	161.054	E	33	N	4.7	1.3	24	SOLOMON ISLANDS
09	07	12	25.9	49.737	N	129.605	W	10	G	5.3 5.7	1.0	273	VANCOUVER ISLAND REGION. Mw 5.8 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 07:12:29.2; Lat 49.57 N; Lon 130.15 W; Dep 15.0 Fix; Half-duration 1.9 sec; Principal axes (scale 10**17 Nm): (T) Val=5.22, Plg=10, Azm=287; (N) Val=0.01, Plg=71, Azm=49; (P) Val=-5.23, Plg=16, Azm=195; Best double couple: Mo=5.2*10**17 Nm; NP1: Strike=332, Dip=72, Slip=-176; NP2: Strike=240, Dip=86, Slip=-18.
09	09	29	13.5	23.407	N	121.131	E	33	N	4.6	1.4	21	TAIWAN
09	09	43	25.3*	37.097	N	21.616	E	33	N	4.3	0.7	12	SOUTHERN GREECE
09	09	46	32.0	36.970	N	21.372	E	33	N	4.5	1.2	110	SOUTHERN GREECE. Felt at Kalamai and Pilos.
09	09	52	05.5*	49.910	N	129.230	W	10	G	3.9	1.0	29	VANCOUVER ISLAND REGION
09	10	46	47.7	36.885	N	21.670	E	33	N		0.5	19	SOUTHERN GREECE
09	10	50	50.8&	60.010	N	152.750	W	100				71	SOUTHERN ALASKA. <AEIC>.
09	11	43	03.0*	7.469	S	128.550	E	95	?	4.4	0.9	15	BANDA SEA
09	12	00	24.7	51.607	N	16.223	E	10	G		1.1	12	POLAND. ML 3.7 (GRF).
09	12	55	32.7	9.934	S	124.325	E	33	N	4.5	1.0	21	TIMOR REGION, INDONESIA
09	13	10	52.1	34.556	N	32.126	E	33	N	6.4 6.8	1.0	482	CYPRUS REGION. Mw 6.8 (GS), 6.8 (HRV). Me 6.9 (GS). Ms 6.9 (BRK). One person died of a heart attack and twenty others injured on Cyprus. One person killed in Egypt. Felt in Egypt, Israel, Jordan, Lebanon and Syria. Broadband Source Parameters (GS): Dep 22; NP1: Strike=140, Dip=80, Slip=45; NP2: Strike=40, Dip=46, Slip=166; Radiated energy 4.5*10**14 Nm. Moment Tensor (GS): Dep 20; Principal axes (scale 10**19 Nm): (T) Val=1.78, Plg=21, Azm=6; (N) Val=-0.24, Plg=69, Azm=189; (P) Val=-1.53, Plg=1, Azm=97; Best double couple: Mo=1.7*10**19 Nm; NP1: Strike=143, Dip=75, Slip=14; NP2: Strike=50, Dip=76, Slip=165. Centroid, Moment Tensor (HRV): Centroid origin time 13:10:59.6; Lat 34.50 N; Lon 32.09 E; Dep 23.0 Bdy; Half-duration 6.9 sec; Principal axes (scale 10**19 Nm): (T) Val=2.22, Plg=16, Azm=4; (N) Val=-0.74, Plg=74, Azm=178; (P) Val=-1.48, Plg=2, Azm=274; Best double couple: Mo=1.9*10**19 Nm; NP1: Strike=48, Dip=77, Slip=170; NP2: Strike=140, Dip=80, Slip=13. Scalar Moment (PPT): Mo=5.2*10**19 Nm.
09	13	26	40.4?	34.34	N	32.21	E	33	N	4.0	0.6	11	CYPRUS REGION
09	13	27	23.1*	34.845	N	32.166	E	33	N	4.4	0.8	36	CYPRUS REGION
09	13	48	22.2	34.416	N	32.046	E	33	N	3.9	0.8	21	CYPRUS REGION. MD 4.2 (HLW).
09	13	55	24.8	34.461	N	32.115	E	33	N	4.4	0.7	52	CYPRUS REGION
09	14	00	10.0	34.496	N	32.063	E	33	N	5.2	0.9	227	CYPRUS REGION
09	14	19	37.5	34.591	N	32.208	E	33	N	5.7	1.0	276	CYPRUS REGION
09	14	27	14.8*	2.125	S	99.629	E	33	N	4.5	0.9	17	SOUTHERN SUMATERA, INDONESIA
09	14	41	20.8&	63.176	N	150.441	W	117				56	CENTRAL ALASKA. <AEIC>.
09	14	47	28.3	34.367	N	32.061	E	33	N	3.3	0.4	17	CYPRUS REGION
09	14	50	45.2	34.570	N	32.114	E	33	N	4.4	0.8	43	CYPRUS REGION. ML 4.4 (JER). MD 4.2 (HLW).
09	14	56	21.5	34.528	N	32.209	E	33	N	4.8	1.0	113	CYPRUS REGION. ML 4.9 (JER). MD 4.5 (HLW).
09	15	09	32.3*	28.737	N	53.340	E	33	N		0.8	7	SOUTHERN IRAN
09	15	09	37.7	34.423	N	32.302	E	33	N	4.7	1.0	112	CYPRUS REGION. MD 4.4 (HLW).
09	15	21	17.7	34.415	N	32.203	E	33	N	3.9	0.7	23	CYPRUS REGION. ML 4.1 (JER).
09	15	29	51.8?	34.89	N	32.36	E	33	N	3.9	0.9	9	CYPRUS REGION
09	15	39	57.5&	63.230	N	151.100	W	6				51	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC).
09	15	49	03.0*	9.262	N	126.590	E	33	N	4.5	1.0	16	MINDANAO, PHILIPPINE ISLANDS

09	15	54	02.8?	34.68	N	32.31	E	33	N	3.8		1.4	14	CYPRUS REGION
09	16	04	23.9*	34.402	N	32.020	E	33	N	3.2		1.1	15	CYPRUS REGION
09	16	14	06.0&	62.200	N	149.970	W	58					92	CENTRAL ALASKA. <AEIC>. ML 3.2 (AEIC).
09	16	22	37.5	34.492	N	32.227	E	33	N	5.1		1.0	188	CYPRUS REGION
09	16	51	14.0	21.811	N	121.283	E	33	N	5.0		1.0	60	TAIWAN REGION
09	17	14	45.2*	21.758	N	121.448	E	33	N	4.4		1.2	16	TAIWAN REGION
09	17	18	01.3*	21.733	N	121.489	E	33	N	3.9		0.4	7	TAIWAN REGION
09	17	19	54.3?	22.20	N	121.29	E	33	N	3.9		1.3	7	TAIWAN REGION
09	17	20	36.8?	0.70	S	136.82	E	33	N	3.8		1.0	7	IRIAN JAYA REGION, INDONESIA
09	18	07	14.0*	34.416	N	32.262	E	33	N	4.2		0.9	14	CYPRUS REGION. MD 4.3 (HLW).
09	18	19	55.7&	37.171	N	3.738	W	10	G			0.8	6	SPAIN. mbLg 2.2 (MDD).
09	18	23	25.0&	34.317	N	118.404	W	5					44	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.9 (PAS). ML 3.0 (GS). Felt.
09	18	46	20.5?	34.49	N	32.02	E	33	N	4.0		0.9	11	CYPRUS REGION
09	19	01	25.8?	7.24	S	67.89	E	10	G			0.4	6	MID-INDIAN RIDGE
09	19	04	14.3?	34.55	N	32.44	E	33	N	4.1		0.9	16	CYPRUS REGION
09	19	10	58.7	34.548	N	32.211	E	33	N	4.8		0.9	146	CYPRUS REGION. ML 4.6 (JER). MD 4.5 (HLW).
09	19	26	14.0	19.381	N	78.083	W	33	N	4.7		0.9	33	CUBA REGION
09	19	38	22.3	34.474	N	32.139	E	33	N	4.5		0.8	70	CYPRUS REGION. ML 4.6 (JER). MD 4.2 (HLW).
09	19	44	58.5*	37.413	N	77.768	E	33	N			0.9	9	SOUTHERN XINJIANG, CHINA
09	19	45	25.4*	34.477	N	32.256	E	33	N	4.0		0.8	12	CYPRUS REGION
09	19	58	30.5	34.480	N	32.199	E	33	N	4.6		0.9	111	CYPRUS REGION. ML 4.8 (JER). MD 4.3 (HLW).
09	20	03	32.6	34.595	N	32.357	E	33	N	4.3		0.9	21	CYPRUS REGION
09	20	05	17.4	34.450	N	32.305	E	33	N	4.2		0.9	37	CYPRUS REGION
09	20	05	39.3*	6.218	S	154.638	E	33	N	4.4		1.2	14	SOLOMON ISLANDS
09	20	26	11.5?	7.21	S	129.52	E	114	?	4.4		1.4	10	BANDA SEA
09	20	32	50.4?	35.30	N	32.30	E	33	N	3.7		0.9	15	CYPRUS REGION
09	20	37	27.9?	38.55	N	70.64	E	33	N			0.5	6	AFGHANISTAN-TAJIKISTAN BORD REG.
09	20	37	37.8?	17.18	S	179.06	W	500	G	4.3		0.8	16	FIJI ISLANDS REGION
09	20	44	00.5	14.496	N	120.066	E	61	D	5.0		0.9	64	LUZON, PHILIPPINE ISLANDS
09	20	51	07.8?	34.71	N	32.48	E	33	N	4.0		1.2	10	CYPRUS REGION
09	20	53	51.0?	34.83	N	32.35	E	33	N	3.5		1.2	11	CYPRUS REGION
09	21	06	30.2	35.850	N	25.259	E	100	G	3.5		1.1	9	CRETE
09	21	45	13.0?	30.79	N	78.21	E	33	N			1.5	7	NORTHERN INDIA
09	22	56	52.3&	33.366	S	71.305	W	50	G			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
09	23	13	05.0?	7.60	S	128.55	E	150	G	4.4		0.7	11	BANDA SEA
09	23	18	35.9	34.346	N	32.249	E	33	N	4.2		1.1	45	CYPRUS REGION. MD 4.2 (HLW).
09	23	36	53.3?	28.20	N	128.79	E	100	G	4.3		0.7	8	RYUKYU ISLANDS
09	23	38	16.2*	34.426	N	32.148	E	33	N	4.1		0.7	17	CYPRUS REGION
10	00	21	46.5*	23.985	S	179.648	W	500	G	4.4		1.0	22	SOUTH OF FIJI ISLANDS
10	00	23	39.7	34.495	N	32.158	E	33	N	5.0	4.5	1.0	197	CYPRUS REGION. ML 4.6 (JER). MD 4.5 (HLW).
10	00	31	25.5	34.571	N	32.163	E	33	N	4.0		0.7	28	CYPRUS REGION
10	00	33	17.7	34.463	N	32.108	E	33	N	4.5		0.9	70	CYPRUS REGION. MD 4.9 (HLW).
10	00	39	12.4	5.310	S	129.971	E	189	*	4.7		0.6	18	BANDA SEA
10	00	57	51.4	34.421	N	32.153	E	33	N	3.9		0.8	25	CYPRUS REGION. ML 4.1 (JER).
10	01	10	22.4	34.560	N	32.214	E	33	N	5.4	5.6	1.1	266	CYPRUS REGION. Mw 5.7 (GS), 5.7 (HRV). ML 5.0 (JER). Felt throughout Cyprus. Moment Tensor (GS): Dep 17; Principal axes (scale 10**17 Nm): (T) Val=4.43, Plg=16, Azm=17; (N) Val=0.00, Plg=73, Azm=173; (P) Val=-4.42, Plg=7, Azm=285; Best double couple: Mo=4.4*10**17 Nm; NP1: Strike=60, Dip=74, Slip=173; NP2: Strike=152, Dip=84, Slip=16. Centroid, Moment Tensor (HRV): Centroid origin time 01:10:24.9; Lat 34.58 N; Lon 31.34 E; Dep 19.0 Bdy; Half-duration 1.9 sec; Principal axes (scale 10**17 Nm): (T) Val=5.64, Plg=33, Azm=353; (N) Val=-1.96, Plg=52, Azm=209; (P) Val=-3.68, Plg=18, Azm=95; Best double couple: Mo=4.7*10**17 Nm; NP1: Strike=139, Dip=53, Slip=12; NP2: Strike=41, Dip=80, Slip=143.
10	01	10	49.9*	33.674	N	137.056	E	348		4.4		1.1	26	NEAR S. COAST OF HONSHU, JAPAN
10	01	17	37.4?	35.03	N	32.12	E	33	N	4.2		0.8	19	CYPRUS REGION
10	01	21	15.2&	45.239	N	6.503	E	10	G			0.3	5	FRANCE. ML 1.9 (LDG).
10	01	25	50.5	34.399	N	32.392	E	33	N	4.3		1.1	34	CYPRUS REGION. ML 4.0 (JER).
10	01	34	57.5*	34.569	N	32.077	E	33	N	3.0		0.2	8	CYPRUS REGION
10	01	37	13.8&	37.200	N	4.157	W	10	G			0.8	8	SPAIN. mbLg 2.2 (MDD).
10	02	29	01.1	34.441	N	32.126	E	33	N	3.6		0.9	20	CYPRUS REGION. MD 3.9 (HLW).
10	02	31	36.5?	12.86	S	167.49	E	33	N			0.8	18	SANTA CRUZ ISLANDS
10	02	32	46.2*	12.016	N	87.559	W	69	D	4.4		1.0	23	NEAR COAST OF NICARAGUA
10	02	34	06.3	34.469	N	32.185	E	33	N	4.2		0.7	31	CYPRUS REGION
10	02	43	15.9*	18.011	N	145.742	E	147	*	4.6		0.9	23	MARIANA ISLANDS
10	03	00	19.6	34.422	N	32.241	E	33	N	4.0		0.9	31	CYPRUS REGION. ML 4.1 (JER). MD 4.0 (HLW).
10	04	16	46.8	34.408	N	32.010	E	33	N	3.4		0.5	16	CYPRUS REGION
10	04	54	46.3	34.848	N	32.288	E	33	N	4.9	5.0	1.1	200	CYPRUS REGION. Mw 5.2 (HRV). ML 4.8 (JER). MD 4.5 (HLW). Centroid, Moment Tensor (HRV): Centroid origin time 04:54:51.3; Lat 34.75 N; Lon 32.03 E; Dep 33.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.74, Plg=22, Azm=7; (N) Val=-3.30, Plg=62, Azm=229; (P) Val=-5.44, Plg=17, Azm=104; Best double couple: Mo=7.1*10**16 Nm; NP1: Strike=147, Dip=62, Slip=4; NP2: Strike=55, Dip=87, Slip=152.
10	06	05	06.9?	21.64	S	179.41	W	600	G	4.1		0.4	8	FIJI ISLANDS REGION
10	07	14	54.8&	63.256	N	151.073	W	6					8	CENTRAL ALASKA. <AEIC>. ML 2.4 (AEIC).
10	07	16	33.0	34.257	N	32.190	E	33	N	3.2		0.5	13	CYPRUS REGION
10	07	43	46.3?	2.05	S	129.24	E	33	N	4.8		1.5	13	SERAM, INDONESIA
10	07	57	09.8&	35.494	N	118.292	W	3					61	CENTRAL CALIFORNIA. <PAS-P>. MD 3.5 (PAS). ML 3.4 (GS). Felt in the Lake Isabella area.
10	08	22	28.4	5.564	N	126.546	E	96		5.4		1.1	108	MINDANAO, PHILIPPINE ISLANDS. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 08:22:26.8; Lat 5.71 N; Lon 126.68 E; Dep 80.6; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.24, Plg=60, Azm=165; (N) Val=-0.45, Plg=30, Azm=344; (P) Val=-0.79, Plg=1, Azm=74; Best double couple: Mo=1.0*10**17 Nm; NP1: Strike=191, Dip=52, Slip=130; NP2:

Strike=318, Dip=53, Slip=51.

10	09	03	56.8	34.431	N	32.175	E	33	N	4.6		0.8	75	CYPRUS REGION. ML 4.6 (JER).
10	09	06	40.7?	9.71	N	126.93	E	33	N			1.0	7	MINDANAO, PHILIPPINE ISLANDS
10	09	19	50.6*	40.918	N	140.372	E	182				0.6	11	EASTERN HONSHU, JAPAN
10	09	28	18.2	34.635	N	32.390	E	33	N	4.4		1.3	50	CYPRUS REGION. ML 4.5 (JER). MD 4.1 (HLW).
10	09	50	17.2?	17.50	S	173.64	W	33	N	4.7		0.5	7	TONGA ISLANDS
10	10	02	41.0%	36.687	N	139.485	E	10	G			0.8	5	EASTERN HONSHU, JAPAN
10	10	28	52.1*	35.356	N	32.988	E	33	N	3.8		1.2	17	CYPRUS REGION
10	10	42	33.2	36.892	N	21.428	E	33	N	4.5	4.4	1.1	133	SOUTHERN GREECE
10	11	04	39.6*	42.909	N	17.676	E	10	G			1.3	12	ADRIATIC SEA
10	11	11	05.4	34.382	N	32.224	E	33	N	4.0		0.8	26	CYPRUS REGION. ML 4.1 (JER).
10	11	26	40.4	36.783	N	21.457	E	33	N	4.1		1.2	58	SOUTHERN GREECE
10	11	48	14.2?	6.36	S	147.35	E	33	N	4.2		0.9	8	EASTERN NEW GUINEA REG., P.N.G.
10	12	09	29.4?	35.53	N	140.40	E	10	G			0.5	5	NEAR EAST COAST OF HONSHU, JAPAN
10	12	15	21.6%	37.116	N	4.283	W	10	G			0.2	5	SPAIN. mbLg 2.8 (MDD).
10	12	49	45.8?	27.75	N	140.13	E	500	G			1.6	10	BONIN ISLANDS REGION
10	13	33	26.8?	1.00	N	123.31	E	33	N	4.2		1.0	6	MINAHASSA PENINSULA, SULAWESI
10	14	05	15.1?	0.84	N	98.40	E	33	N			1.1	6	NORTHERN SUMATERA, INDONESIA
10	14	28	35.2%	12.766	S	76.782	W	33	N			0.7	6	NEAR COAST OF PERU. Felt (II) at Mala.
10	14	36	56.3	0.684	S	136.707	E	33	N	4.9		0.9	26	IRIAN JAYA REGION, INDONESIA
10	14	45	17.5*	34.918	N	32.981	E	33	N	3.3		0.9	7	CYPRUS REGION
10	15	05	43.7&	59.201	N	153.620	W	95					51	SOUTHERN ALASKA. <AEIC>.
10	15	21	04.7	3.445	N	97.943	E	33	N	5.7	6.1	1.0	261	NORTHERN SUMATERA, INDONESIA. Mw 6.3 (GS), 6.3 (HRV). Ms 5.8 (BRK). Felt by people in high-rise buildings at Petaling Jaya, Malaysia.

Moment Tensor (GS): Dep 15; Principal axes (scale 10**18 Nm): (T) Val=2.94, Plg=3, Azm=93; (N) Val=0.11, Plg=82, Azm=209; (P) Val=-3.04, Plg=7, Azm=3; Best double couple: Mo=3.0*10**18 Nm; NP1: Strike=138, Dip=82, Slip=-177; NP2: Strike=48, Dip=87, Slip=-8.

Centroid, Moment Tensor (HRV): Centroid origin time 15:21:08.7; Lat 3.43 N; Lon 97.78 E; Dep 22.8; Half-duration 3.3 sec; Principal axes (scale 10**18 Nm): (T) Val=2.78, Plg=1, Azm=279; (N) Val=-0.09, Plg=88, Azm=172; (P) Val=-2.68, Plg=2, Azm=9; Best double couple: Mo=2.7*10**18 Nm; NP1: Strike=54, Dip=88, Slip=-1; NP2: Strike=144, Dip=89, Slip=-178.

Scalar Moment (PPT): Mo=1.0*10**19 Nm.

10	15	23	42.5%	34.144	S	70.513	W	110	G			0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
10	17	15	20.7*	1.218	S	120.428	E	100	G	4.6		1.2	10	SULAWESI, INDONESIA
10	17	47	55.2	36.872	N	21.430	E	33	N	4.1		1.4	48	SOUTHERN GREECE
10	18	22	56.1	36.769	N	21.475	E	33	N	4.1		1.0	45	SOUTHERN GREECE. ML 4.3 (ROM).
10	19	07	45.3	40.071	N	21.455	E	10	G	4.5		0.9	17	GREECE
10	19	09	44.8*	34.438	N	32.375	E	33	N	3.6		1.2	12	CYPRUS REGION. MD 4.0 (HLW).
10	19	51	07.1?	24.08	S	67.16	W	143	?	4.8		0.8	8	CHILE-ARGENTINA BORDER REGION
10	20	26	11.1	34.479	N	32.415	E	33	N	4.0		0.9	21	CYPRUS REGION. MD 4.0 (HLW).
10	20	26	53.0*	39.553	N	142.817	E	67	?			0.9	11	NEAR EAST COAST OF HONSHU, JAPAN
10	20	28	50.1	34.434	N	32.287	E	33	N	4.0		0.8	30	CYPRUS REGION. ML 4.3 (JER). MD 4.1 (HLW).
10	20	32	52.8%	43.855	N	8.827	E	10	G			0.4	10	CORSICA. ML 2.7 (LDG).
10	20	35	57.5%	43.857	N	8.860	E	10	G			0.9	7	CORSICA. ML 2.5 (LDG).
10	20	49	55.3*	34.430	N	32.291	E	33	N	3.8		0.8	13	CYPRUS REGION
10	21	23	48.8	34.438	N	32.208	E	33	N	4.3		0.8	50	CYPRUS REGION. MD 4.1 (HLW).
10	21	27	23.9*	2.885	N	66.025	E	10	G	4.6		1.0	16	CARLSBERG RIDGE
10	22	22	44.5?	34.28	S	70.85	W	80	G			0.2	6	CHILE-ARGENTINA BORDER REGION
10	22	27	10.4*	34.614	N	32.305	E	33	N	3.8		1.1	13	CYPRUS REGION
10	22	42	40.8?	3.02	N	97.71	E	33	N			1.5	9	NORTHERN SUMATERA, INDONESIA
10	22	46	35.3	34.433	N	32.185	E	33	N	4.0		1.1	50	CYPRUS REGION. ML 4.2 (JER). MD 4.0 (HLW).
10	23	19	35.9%	45.227	N	6.522	E	5	G			0.5	6	FRANCE. ML 2.0 (LDG).
10	23	27	37.4?	34.80	N	32.11	E	33	N	3.2		0.3	8	CYPRUS REGION
10	23	51	11.5%	34.236	S	70.570	W	110	G			0.2	9	CHILE-ARGENTINA BORDER REGION
10	23	55	10.0	8.215	N	77.622	W	33	N	4.7	3.9	0.8	71	PANAMA-COLOMBIA BORDER REGION
11	00	05	08.2	33.550	N	76.299	E	33	N	4.6		0.9	17	KASHMIR-INDIA BORDER REGION
11	00	12	06.4*	52.258	N	173.161	W	33	N			1.5	13	ANDREANOF ISLANDS, ALEUTIAN IS.
11	00	12	25.7*	51.927	N	172.045	W	33	N	4.6		0.7	7	ANDREANOF ISLANDS, ALEUTIAN IS.
11	01	20	54.3	52.228	N	30.704	W	10	G	4.4	3.8	0.9	49	NORTHERN MID-ATLANTIC RIDGE
11	01	33	45.0*	36.357	N	70.871	E	200	G			0.4	10	HINDU KUSH REGION, AFGHANISTAN
11	01	39	57.3	34.452	N	32.217	E	33	N	4.6	4.0	0.9	106	CYPRUS REGION. ML 4.6 (JER). MD 4.4 (HLW).
11	03	25	51.6	34.464	N	32.432	E	33	N	4.0		0.9	23	CYPRUS REGION
11	04	28	39.4	1.599	N	126.585	E	52	*	5.3	4.3	1.1	56	NORTHERN MOLUCCA SEA. Mw 5.2 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 04:28:41.9; Lat 2.03 N; Lon 126.78 E; Dep 46.0; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.19, Plg=61, Azm=53; (N) Val=-2.15, Plg=17, Azm=177; (P) Val=-6.03, Plg=23, Azm=274; Best double couple: Mo=7.1*10**16 Nm; NP1: Strike=34, Dip=27, Slip=130; NP2: Strike=170, Dip=70, Slip=72.

11	04	29	25.2*	34.420	N	32.167	E	33	N	3.4		0.6	10	CYPRUS REGION
11	04	36	06.2	45.971	N	6.042	E	5	G			0.7	31	FRANCE. ML 3.0 (LDG), 2.8 (STR).
11	04	44	12.2	34.427	N	32.301	E	33	N	4.0		0.7	33	CYPRUS REGION. ML 4.1 (JER). MD 4.0 (HLW).
11	05	41	44.1%	33.410	S	70.736	W	80	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
11	08	13	38.8	34.779	N	32.138	E	33	N	4.5		0.9	81	CYPRUS REGION. ML 4.4 (JER). MD 4.2 (HLW).
11	09	33	23.8?	35.03	N	24.59	E	33	N	3.0		0.4	7	CRETE
11	10	06	06.2*	12.199	N	144.269	E	33	N			1.1	8	SOUTH OF MARIANA ISLANDS
11	12	54	51.2%	9.599	N	126.692	E	33	N			0.5	7	MINDANAO, PHILIPPINE ISLANDS
11	13	45	57.5&	34.237	N	119.287	W	21					27	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.8 (PAS).
11	14	14	15.2%	17.840	N	66.492	W	10	G			0.3	5	PUERTO RICO REGION
11	14	37	34.5*	56.021	N	160.661	E	144	D	4.3		0.6	11	KAMCHATKA
11	15	25	00.3?	34.79	S	71.10	W	80	G			0.2	8	NEAR COAST OF CENTRAL CHILE. MD 2.6 (SAN).
11	16	01	56.0*	5.034	S	152.329	E	92	?	4.8		0.9	32	NEW BRITAIN REGION, P.N.G.
11	16	20	39.0*	34.440	N	31.895	E	33	N			1.3	8	CYPRUS REGION. MD 4.0 (HLW).
11	17	07	10.1	3.494	S	144.889	E	33	N	5.1	4.8	1.4	42	NEAR N COAST OF NEW GUINEA, PNG. Mw 5.2 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 17:07:13.0; Lat 3.31 S; Lon 145.21 E; Dep 15.0 Fix; Half-

													duration 1.1 sec; Principal axes (scale 10**16 Nm): (T) Val=7.81, Plg=7, Azm=278; (N) Val=1.17, Plg=75, Azm=163; (P) Val=-8.98, Plg=14, Azm=10; Best double couple: Mo=8.4*10**16 Nm; NP1: Strike=53, Dip=75, Slip=-5; NP2: Strike=145, Dip=85, Slip=-165.
11	17	46	37.3	44.757	N	110.835	W	5	G		0.7	14	YELLOWSTONE REGION, WYOMING. ML 3.2 (BUT).
11	18	32	51.5&	62.020	N	150.270	W	10				59	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
11	18	39	58.5*	34.515	N	32.366	E	33	N	4.0	1.0	21	CYPRUS REGION. MD 3.8 (HLW).
11	19	41	29.0*	54.199	N	161.932	E	33	N	4.0	1.2	11	NEAR EAST COAST OF KAMCHATKA
11	19	45	48.4%	33.909	N	132.657	E	33	N		0.8	5	SHIKOKU, JAPAN
11	20	23	10.1	34.381	N	32.256	E	33	N	3.9	1.2	34	CYPRUS REGION. MD 4.2 (HLW). ML 4.1 (JER).
11	20	51	54.4*	39.766	N	23.484	E	10	G	4.1	1.0	17	AEGEAN SEA
11	21	14	57.8	58.926	N	161.115	E	10	G	4.5	1.1	41	KAMCHATKA
11	22	21	37.6*	8.207	S	120.343	E	38	*	4.7	1.4	20	FLORES REGION, INDONESIA
11	23	20	09.9?	34.88	N	32.17	E	33	N	3.2	0.1	8	CYPRUS REGION
12	00	20	09.3*	34.435	N	31.888	E	33	N	3.4	0.8	9	CYPRUS REGION
12	01	05	19.8*	0.676	N	121.602	E	100	G	4.6	1.5	16	MINAHASSA PENINSULA, SULAWESI
12	02	07	39.8&	63.267	N	151.077	W	11				55	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC).
12	02	42	16.8*	27.297	N	140.534	E	466		4.4	0.4	14	BONIN ISLANDS REGION
12	03	00	33.7*	35.981	N	139.609	E	100	G		0.9	11	NEAR S. COAST OF HONSHU, JAPAN
12	04	25	47.0&	38.745	N	122.717	W	3				76	NORTHERN CALIFORNIA. <GM-P>. Mw 3.9 (BRK). MD 3.6 (GM). ML 3.7 (BRK), 3.6 (GS). Scalar Moment (BRK): Mo=7.6*10**14 Nm.
12	04	27	20.5&	38.747	N	122.725	W	2				32	NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 3.3 (BRK), 3.2 (GS).
12	04	30	26.6	42.856	N	17.836	E	10	G		1.2	30	ADRIATIC SEA. ML 3.1 (ROM). Felt (VI) in the Slano and Ston areas, Croatia.
12	05	27	36.2*	43.722	N	15.427	E	10	G	3.7	1.2	20	ADRIATIC SEA. Felt (V) at Benkovac, Croatia.
12	05	44	50.1*	10.672	S	75.414	W	33	N	4.6	1.0	13	CENTRAL PERU. Felt (III) at La Merced and San Ramon; (II) at Oxapampa and Satipo.
12	05	45	58.2&	61.670	N	150.820	W	58				86	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).
12	06	25	13.5?	0.26	S	16.58	W	10	G	3.7	0.3	5	NORTH OF ASCENSION ISLAND
12	07	22	10.8	0.741	N	126.351	E	33	N	4.9	0.9	25	NORTHERN MOLUCCA SEA
12	07	36	26.6?	41.77	N	139.96	E	200	G		1.2	7	HOKKAIDO, JAPAN REGION
12	08	54	16.9*	50.101	S	119.941	E	10	G	4.6	1.2	20	SOUTH OF AUSTRALIA
12	09	10	20.9&	62.940	N	150.520	W	93				45	CENTRAL ALASKA. <AEIC>.
12	10	05	54.3	6.787	N	73.049	W	168	D	4.3	0.8	59	NORTHERN COLOMBIA
12	10	37	09.3*	32.770	S	177.946	W	33	N	4.6	1.0	20	SOUTH OF KERMADEC ISLANDS
12	11	04	36.3	34.543	N	32.129	E	33	N	4.6	1.0	102	CYPRUS REGION. ML 4.7 (JER). MD 4.4 (HLW). Felt throughout Cyprus.
12	11	09	20.2&	38.787	N	122.723	W	3				8	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
12	11	36	25.1	36.058	N	139.489	E	100		4.9	0.9	99	EASTERN HONSHU, JAPAN
12	11	45	15.6&	61.939	N	150.710	W	20				56	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
12	11	48	24.9*	18.629	S	173.171	W	33	N	4.7 5.0	1.4	39	TONGA ISLANDS
12	12	17	14.3%	34.184	S	70.151	W	10	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
12	12	40	09.7	35.983	N	139.581	E	95		4.5	1.0	18	NEAR S. COAST OF HONSHU, JAPAN
12	12	46	54.4*	21.647	N	121.630	E	33	N	4.0	0.6	10	TAIWAN REGION
12	12	47	04.0&	38.742	N	122.711	W	3				43	NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.9 (GS).
12	13	38	07.6*	35.964	N	139.628	E	96			0.6	9	NEAR S. COAST OF HONSHU, JAPAN
12	13	44	18.9?	45.31	N	6.53	E	5	G		0.0	4	FRANCE
12	13	53	00.3?	45.31	N	6.50	E	5	G		0.0	4	FRANCE
12	15	06	15.4	34.413	N	32.198	E	33	N	4.3	0.9	41	CYPRUS REGION. ML 4.2 (JER). MD 4.1 (HLW).
12	15	27	41.9*	51.364	N	178.565	W	33	N	4.2	1.2	11	ANDREANOF ISLANDS, ALEUTIAN IS.
12	15	36	01.2	7.250	S	155.471	E	33	N	5.4 5.9	1.2	123	SOLOMON ISLANDS. Mw 6.1 (HRV), 6.0 (GS). Me 5.7 (GS). Ms 5.8 (BRK). Felt strongly on the Shortland Islands and on the western Solomon Islands. Broadband Source Parameters (GS): Dep 12; NP1: Strike=150, Dip=70, Slip=60; NP2: Strike=29, Dip=36, Slip=144; Radiated energy 8.6*10**12 Nm. Moment Tensor (GS): Dep 12; Principal axes (scale 10**18 Nm): (T) Val=1.07, Plg=47, Azm=16; (N) Val=0.00, Plg=39, Azm=167; (P) Val=-1.06, Plg=14, Azm=270; Best double couple: Mo=1.1*10**18 Nm; NP1: Strike=40, Dip=46, Slip=152; NP2: Strike=150, Dip=70, Slip=48. Centroid, Moment Tensor (HRV): Centroid origin time 15:36:05.2; Lat 7.45 S; Lon 155.51 E; Dep 15.0 Fix; Half-duration 2.8 sec; Principal axes (scale 10**18 Nm): (T) Val=1.66, Plg=63, Azm=354; (N) Val=-0.01, Plg=10, Azm=104; (P) Val=-1.65, Plg=24, Azm=199; Best double couple: Mo=1.7*10**18 Nm; NP1: Strike=309, Dip=22, Slip=117; NP2: Strike=100, Dip=70, Slip=80. Scalar Moment (PPT): Mo=1.2*10**18 Nm.
12	15	36	27.6*	4.208	S	104.387	E	249	*	4.2	0.9	10	SOUTHERN SUMATERA, INDONESIA
12	15	51	59.5	0.839	N	120.171	E	33	N	4.8	0.8	44	MINAHASSA PENINSULA, SULAWESI
12	16	46	17.0?	34.33	S	70.72	W	100	G		0.4	8	CHILE-ARGENTINA BORDER REGION
12	17	08	08.7*	46.243	N	0.059	E	5	G		1.6	10	FRANCE. ML 2.5 (LDG).
12	17	50	26.9	34.374	N	32.276	E	33	N	4.6	0.9	119	CYPRUS REGION. ML 4.7 (JER). MD 4.3 (HLW).
12	18	10	05.6?	23.61	N	126.97	E	33	N	4.2	0.4	5	SOUTHEAST OF RYUKYU ISLANDS
12	18	27	10.2	7.281	S	155.393	E	33	N	5.3 5.6	1.0	103	SOLOMON ISLANDS. Mw 5.9 (HRV), 5.7 (GS). Moment Tensor (GS): Dep 15; Principal axes (scale 10**17 Nm): (T) Val=3.87, Plg=75, Azm=96; (N) Val=-0.23, Plg=6, Azm=344; (P) Val=-3.63, Plg=14, Azm=253; Best double couple: Mo=3.8*10**17 Nm; NP1: Strike=335, Dip=32, Slip=79; NP2: Strike=168, Dip=59, Slip=97. Centroid, Moment Tensor (HRV): Centroid origin time 18:27:13.1; Lat 7.52 S; Lon 155.50 E; Dep 15.0 Bdy; Half-duration 2.4 sec; Principal axes (scale 10**17 Nm): (T) Val=8.08, Plg=62, Azm=8; (N) Val=-0.23, Plg=8, Azm=114; (P) Val=-7.85, Plg=26, Azm=208; Best double couple: Mo=8.0*10**17 Nm; NP1: Strike=316, Dip=20, Slip=114; NP2: Strike=111, Dip=72, Slip=82.
12	19	04	22.7*	5.334	N	127.470	E	33	N	4.9	1.0	23	PHILIPPINE ISLANDS REGION
12	19	23	59.5*	51.366	N	15.846	E	10	G		1.3	6	POLAND. ML 3.4 (VIE).

12	21	20	17.3*	55.939	N	162.696	W	150	G		0.9	8	ALASKA PENINSULA
12	22	25	05.1&	33.024	N	118.145	W	7	G			29	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.5 (PAS).
12	22	34	20.0*	21.652	S	113.626	W	10	G	4.8 4.9	1.0	34	SOUTHERN EAST PACIFIC RISE
12	23	26	31.7	43.104	N	5.991	W	10	G		1.3	89	SPAIN. ML 4.1 (LDG). mbLg 3.6 (MDD). Felt (III) in the Sena de Luna area.
12	23	38	58.0	32.019	N	30.972	E	10	G	4.3	1.2	55	EASTERN MEDITERRANEAN SEA. MD 4.4 (HLW). ML 4.1 (JER).
13	00	27	25.6?	7.49	S	155.46	E	33	N		1.2	6	SOLOMON ISLANDS
13	00	51	45.0*	1.647	N	127.864	E	33	N	4.3	0.9	11	HALMAHERA, INDONESIA
13	01	19	05.8	24.996	N	128.072	E	40	D	4.7	1.0	30	SOUTHEAST OF RYUKYU ISLANDS
13	01	29	06.2	7.228	S	155.351	E	33	N	5.2 5.3	1.1	98	SOLOMON ISLANDS. Mw 5.8 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:29:08.5; Lat 7.46 S; Lon 155.54 E; Dep 15.0 Fix; Half-duration 1.9 sec; Principal axes (scale 10**17 Nm): (T) Val=4.92, Plg=66, Azm=4; (N) Val=-0.24, Plg=8, Azm=111; (P) Val=-4.67, Plg=22, Azm=205; Best double couple: Mo=4.8*10**17 Nm; NP1: Strike=309, Dip=24, Slip=109; NP2: Strike=108, Dip=68, Slip=82.
13	02	01	49.1?	7.29	S	155.18	E	33	N	4.0	1.5	11	SOLOMON ISLANDS
13	02	04	26.1&	32.957	S	70.287	W	100	G		0.2	11	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
13	02	04	44.6*	7.309	S	155.282	E	33	N	4.6	1.0	26	SOLOMON ISLANDS
13	02	12	40.8&	37.141	N	4.236	W	10	G		0.4	7	SPAIN. mbLg 2.2 (MDD).
13	03	20	19.1	30.887	N	138.577	E	395		4.3	0.9	25	SOUTH OF HONSHU, JAPAN
13	03	21	26.8?	5.41	N	125.91	E	33	N	4.2	1.4	12	MINDANAO, PHILIPPINE ISLANDS
13	03	34	54.7?	7.36	S	155.16	E	33	N	4.0	1.2	10	SOLOMON ISLANDS
13	04	01	38.1?	28.02	N	143.27	E	33	N		0.9	5	BONIN ISLANDS REGION
13	04	46	00.3&	47.876	N	2.064	W	10	G		0.5	7	FRANCE. ML 2.0 (LDG).
13	05	59	04.2*	34.432	N	32.404	E	33	N	4.2	1.0	20	CYPRUS REGION. MD 4.0 (HLW).
13	07	03	52.3*	19.212	S	175.808	W	200	G	4.6	1.0	29	TONGA ISLANDS
13	07	29	18.3?	45.16	N	7.09	E	10	G		0.1	4	NORTHERN ITALY. ML 1.5 (LDG).
13	07	35	05.9	12.837	N	40.579	E	33	N	4.6 4.7	1.0	29	ETHIOPIA
13	08	19	37.8?	46.26	N	152.20	E	33	N		1.4	7	KURIL ISLANDS
13	09	40	32.0*	8.848	S	113.827	E	33	N	4.4	1.0	8	JAWA, INDONESIA
13	09	45	05.5?	7.08	S	155.46	E	33	N	4.2	1.3	15	SOLOMON ISLANDS
13	10	06	56.5?	45.64	N	151.79	E	33	N		1.4	9	KURIL ISLANDS
13	10	37	52.0*	42.096	N	142.733	E	33	N		1.5	18	HOKKAIDO, JAPAN REGION
13	10	45	49.1	9.851	N	126.332	E	33	N	4.9	0.9	47	MINDANAO, PHILIPPINE ISLANDS
13	11	10	18.5*	4.576	S	133.761	E	33	N		1.1	6	IRIAN JAYA REGION, INDONESIA
13	11	10	22.2*	6.653	S	134.097	E	33	N	4.4	1.1	14	ARU ISLANDS REGION, INDONESIA
13	11	11	24.1	35.878	N	89.987	W	5	G		1.1	6	TENNESSEE. mbLg 2.8 (GS). Felt at Blytheville, Arkansas.
13	11	12	43.0*	5.338	S	146.771	E	33	N	4.6	1.1	15	EASTERN NEW GUINEA REG., P.N.G.
13	11	33	24.5	49.076	N	127.853	W	10	G	3.9	1.0	67	VANCOUVER ISLAND REGION. ML 4.5 (PGC).
13	12	53	08.9?	9.87	N	126.34	E	33	N	4.4	1.1	7	MINDANAO, PHILIPPINE ISLANDS
13	13	24	09.4?	7.25	S	155.38	E	33	N	4.1	1.5	13	SOLOMON ISLANDS
13	14	10	41.4*	30.939	N	140.570	E	94	*		1.5	9	SOUTH OF HONSHU, JAPAN
13	14	21	28.3*	10.334	S	124.037	E	33	N	3.4	1.1	7	TIMOR REGION, INDONESIA
13	14	36	57.5*	24.997	N	94.733	E	33	N		0.8	8	MYANMAR-INDIA BORDER REGION
13	14	39	36.3*	6.104	N	124.530	E	33	N	4.6	1.0	19	MINDANAO, PHILIPPINE ISLANDS
13	15	20	18.3?	9.17	S	156.30	E	33	N	4.0	1.5	15	SOLOMON ISLANDS
13	15	40	51.2*	17.607	S	175.089	W	202	*	4.5	0.6	28	TONGA ISLANDS
13	15	47	39.3&	32.914	S	70.256	W	110	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
13	16	17	01.6	9.606	N	126.424	E	33	N	4.7 4.0	1.0	46	MINDANAO, PHILIPPINE ISLANDS
13	17	10	29.0	36.133	N	139.221	E	103		4.4	0.7	31	EASTERN HONSHU, JAPAN
13	18	28	20.0&	42.884	N	0.209	W	5	G		1.6	5	PYRENEES. ML 2.1 (LDG).
13	20	33	03.9?	36.11	N	4.58	W	10	G		1.3	8	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
13	20	49	05.0*	14.587	N	120.087	E	33	N	4.3	0.7	7	LUZON, PHILIPPINE ISLANDS
13	20	56	12.9	52.628	N	160.517	E	33	N	5.1 4.9	0.9	172	OFF EAST COAST OF KAMCHATKA. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 20:56:18.8; Lat 52.38 N; Lon 160.61 E; Dep 31.1; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.30, Plg=61, Azm=46; (N) Val=0.56, Plg=28, Azm=214; (P) Val=-5.86, Plg=5, Azm=307; Best double couple: Mo=5.6*10**16 Nm; NP1: Strike=64, Dip=47, Slip=130; NP2: Strike=193, Dip=56, Slip=55.
13	21	12	57.4?	9.67	N	126.96	E	33	N	4.7	1.5	8	MINDANAO, PHILIPPINE ISLANDS
13	21	13	38.6&	59.280	N	136.540	W	0				9	SOUTHEASTERN ALASKA. <AEIC>. ML 3.2 (AEIC).
13	22	15	46.4*	7.371	N	72.849	W	100	G		1.3	10	NORTHERN COLOMBIA
13	22	42	48.3?	37.90	N	23.27	E	33	N		1.1	8	SOUTHERN GREECE
13	22	46	01.9?	6.14	S	153.66	E	33	N	4.1	1.4	8	NEW BRITAIN REGION, P.N.G.
13	23	18	55.6?	7.41	S	155.53	E	33	N	4.1	0.8	10	SOLOMON ISLANDS
14	00	07	58.0	7.228	S	155.488	E	33	N	5.4 5.8	1.2	91	SOLOMON ISLANDS. Mw 5.9 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:08:01.2; Lat 7.51 S; Lon 155.51 E; Dep 17.0 Bdy; Half-duration 2.4 sec; Principal axes (scale 10**17 Nm): (T) Val=9.04, Plg=73, Azm=33; (N) Val=0.54, Plg=1, Azm=300; (P) Val=-9.59, Plg=17, Azm=210; Best double couple: Mo=9.3*10**17 Nm; NP1: Strike=299, Dip=28, Slip=88; NP2: Strike=121, Dip=62, Slip=91.
14	00	13	54.9&	62.216	N	150.918	W	72				59	CENTRAL ALASKA. <AEIC>.
14	00	20	41.9*	7.188	S	155.369	E	33	N	4.6	1.1	25	SOLOMON ISLANDS
14	01	11	25.0&	45.241	N	6.343	E	5	G		0.8	6	FRANCE. ML 1.7 (LDG).
14	01	42	45.3	4.361	S	127.211	E	20	D	4.6	0.9	26	BANDA SEA
14	01	54	08.9*	25.917	N	141.711	E	33	N	4.7	0.4	8	VOLCANO ISLANDS REGION
14	02	12	37.6*	28.788	S	67.364	W	100	G		0.7	9	LA RIOJA PROVINCE, ARGENTINA
14	02	47	34.6&	61.532	N	152.088	W	20				34	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
14	03	05	37.3	7.174	S	155.603	E	33	N	4.8 4.6	1.0	38	SOLOMON ISLANDS
14	04	34	08.3?	8.21	S	156.07	E	33	N		1.3	5	SOLOMON ISLANDS
14	05	07	35.4?	32.24	N	130.61	E	33	N		0.0	4	KYUSHU, JAPAN
14	06	30	02.7*	52.738	N	160.335	E	100	G		0.3	8	OFF EAST COAST OF KAMCHATKA
14	07	01	34.0	18.010	S	178.542	W	599	*	4.7	0.8	57	FIJI ISLANDS REGION
14	09	00	10.8&	37.516	N	118.809	W	6				8	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
14	10	15	58.5?	36.21	N	70.59	E	200	G		0.8	8	HINDU KUSH REGION, AFGHANISTAN
14	10	32	03.0*	24.183	S	66.986	W	179	?		0.4	12	SALTA PROVINCE, ARGENTINA
14	11	43	17.2*	54.516	N	157.743	E	300	G	4.1	1.0	22	KAMCHATKA

14	11	52	26.3	34.618	N	32.040	E	33	N	4.4	0.9	35	CYPRUS REGION. ML 4.3 (JER). MD 4.2 (HLW).
14	12	05	46.9*	42.099	N	142.637	E	33	N		0.6	5	HOKKAIDO, JAPAN REGION
14	12	24	15.9	38.637	N	69.791	E	33	N	4.7	0.6	19	TAJIKISTAN
14	13	18	35.6*	42.822	N	144.865	E	96	?		0.8	12	HOKKAIDO, JAPAN REGION
14	14	12	11.7	7.035	S	155.379	E	33	N	4.7	1.1	35	SOLOMON ISLANDS
14	14	49	12.7*	29.944	N	88.166	E	33	N	4.4	1.3	19	XIZANG
14	14	49	38.0?	7.02	S	155.41	E	33	N	4.5	1.5	8	SOLOMON ISLANDS
14	15	43	55.0&	45.250	N	25.110	E	10	G		0.7	6	ROMANIA
14	15	46	35.1?	7.01	S	154.83	E	33	N	4.5	1.0	7	SOLOMON ISLANDS
14	16	27	33.4?	7.04	S	155.32	E	33	N		1.3	6	SOLOMON ISLANDS
14	16	42	00.7&	39.631	N	120.111	W	0				23	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.9 (GS).
14	17	23	25.8?	44.51	N	7.47	E	10	G		0.2	6	NORTHERN ITALY. ML 1.8 (LDG).
14	17	23	29.2*	13.764	S	167.609	E	33	N	4.5	0.9	18	VANUATU ISLANDS
14	17	39	00.0*	5.271	S	145.720	E	99	*	4.0	1.5	13	EASTERN NEW GUINEA REG., P.N.G.
14	18	52	16.1*	26.567	N	142.263	E	33	N	4.5	0.9	19	BONIN ISLANDS REGION
14	20	59	57.4*	64.047	N	21.175	W	10	G	4.3	1.5	21	ICELAND
14	21	11	23.1*	24.427	S	179.742	E	600	G	4.7	0.4	24	SOUTH OF FIJI ISLANDS
14	21	26	12.6?	45.14	N	6.90	E	10	G		0.1	4	FRANCE. ML 1.6 (LDG).
14	22	47	43.3*	10.706	S	113.167	E	33	N	4.4	1.4	10	SOUTH OF JAWA, INDONESIA
14	23	03	36.0	49.058	N	127.849	W	33	N	4.2	0.8	72	VANCOUVER ISLAND REGION. ML 4.6 (PGC).
14	23	26	20.0	7.133	S	155.568	E	24	G	5.9 6.9	1.1	263	SOLOMON ISLANDS. Mw 6.8 (HRV), 6.6 (GS). Me 6.3 (GS). Ms 6.9 (BRK). Felt strongly on the Shortland Islands and on the western Solomon Islands. Broadband Source Parameters (GS): Dep 22; NP1: Strike=255, Dip=40, Slip=60; NP2: Strike=112, Dip=56, Slip=113; Radiated energy 7.0*10**13 Nm. Complex earthquake, with a small event followed by a larger one about 2.5 seconds later. Depth based on second event. Moment Tensor (GS): Dep 31; Principal axes (scale 10**18 Nm): (T) Val=9.73, Plg=76, Azm=92; (N) Val=0.12, Plg=11, Azm=313; (P) Val=-9.86, Plg=9, Azm=222; Best double couple: Mo=9.8*10**18 Nm; NP1: Strike=299, Dip=37, Slip=72; NP2: Strike=141, Dip=55, Slip=103. Centroid, Moment Tensor (HRV): Centroid origin time 23:26:32.4; Lat 7.23 S; Lon 155.51 E; Dep 19.0 Bdy; Half-duration 6.3 sec; Principal axes (scale 10**19 Nm): (T) Val=1.62, Plg=76, Azm=33; (N) Val=0.11, Plg=0, Azm=302; (P) Val=-1.73, Plg=14, Azm=212; Best double couple: Mo=1.7*10**19 Nm; NP1: Strike=302, Dip=31, Slip=90; NP2: Strike=122, Dip=59, Slip=90. Scalar Moment (PPT): Mo=1.3*10**19 Nm.
14	23	42	31.7	48.998	N	127.963	W	10	G		0.9	46	VANCOUVER ISLAND REGION. ML 4.3 (PGC).
14	23	51	39.7*	49.011	N	128.009	W	10	G		1.4	15	VANCOUVER ISLAND REGION. ML 3.8 (PGC).
15	00	22	38.8	43.705	N	147.106	E	33	N	5.5	0.8	184	KURIL ISLANDS. Felt (V) on Shikotan and (III) at Yuzhno-Kurilsk, Kunashir.
15	00	35	36.4*	21.147	N	121.379	E	80	G	4.4	1.1	14	TAIWAN REGION
15	00	55	19.1&	59.479	N	152.118	W	62				54	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
15	01	23	12.9?	7.05	S	155.37	E	33	N		0.4	5	SOLOMON ISLANDS
15	01	53	16.2&	47.793	N	3.967	E	5	G		0.9	9	FRANCE. ML 2.2 (LDG).
15	01	58	37.7?	14.47	N	98.82	W	33	N	3.6	1.4	10	OFF COAST OF GUERRERO, MEXICO
15	02	02	22.4&	46.226	N	5.600	E	5	G		0.7	10	FRANCE. ML 2.3 (LDG).
15	02	04	24.8*	36.809	N	21.559	E	33	N	4.3	1.1	14	SOUTHERN GREECE
15	02	06	54.1*	7.142	S	155.307	E	33	N		0.4	8	SOLOMON ISLANDS
15	02	11	40.3&	59.973	N	152.814	W	92				98	SOUTHERN ALASKA. <AEIC>.
15	02	34	01.3?	7.28	S	155.47	E	33	N		0.5	7	SOLOMON ISLANDS
15	03	05	14.6*	46.302	N	7.663	E	10	G		1.4	11	SWITZERLAND. ML 2.5 (STR), 2.2 (LDG).
15	03	10	50.2?	54.00	S	7.78	E	10	G	4.4	0.8	9	BOUVET ISLAND REGION
15	03	51	01.2?	16.33	S	179.39	W	400	G		0.7	6	FIJI ISLANDS REGION
15	03	55	25.0*	2.026	S	127.754	E	33	N	4.3	1.1	5	CERAM SEA
15	04	33	59.8?	7.09	S	155.71	E	33	N		1.1	7	SOLOMON ISLANDS
15	05	32	07.7	81.347	N	119.334	E	10	G	4.6	0.8	27	EAST OF SEVERNAYA ZEMLYA, RUSSIA
15	06	26	56.3?	27.86	N	139.94	E	511	*	4.3	0.9	11	BONIN ISLANDS REGION
15	06	58	19.3&	34.504	S	70.393	W	5	G		0.4	11	CHILE-ARGENTINA BORDER REGION
15	07	14	54.4?	7.31	S	155.33	E	33	N		0.2	6	SOLOMON ISLANDS
15	07	52	07.6	10.879	N	138.598	E	33	N		1.1	19	WESTERN CAROLINE ISLANDS
15	08	00	55.0&	12.098	S	77.014	W	33	N		0.2	6	NEAR COAST OF PERU. Felt (II) at Lima.
15	08	02	57.0	3.010	N	96.216	E	33	N	5.2 4.5	1.0	96	NORTHERN SUMATERA, INDONESIA
15	08	32	55.4	34.411	N	32.118	E	33	N	4.5	1.1	43	CYPRUS REGION. ML 4.3 (JER).
15	08	34	52.0	34.443	N	32.061	E	33	N	4.4	1.0	35	CYPRUS REGION. ML 4.1 (JER).
15	08	42	05.1&	60.081	N	152.364	W	91				60	SOUTHERN ALASKA. <AEIC>.
15	09	55	59.6	44.792	N	10.780	E	10	G	5.3 5.1	1.2	253	NORTHERN ITALY. Mw 5.4 (HRV). ML 5.8 (STR), 5.8 (FUR), 5.6 (VIE), 5.3 (LDG), 5.1 (LJU), 4.9 (ROM). Felt (VII) in the epicentral area. Felt in much of northern Italy. Also felt in central and western Slovenia. Centroid, Moment Tensor (HRV): Centroid origin time 09:56:08.6; Lat 44.86 N; Lon 10.62 E; Dep 15.0 Bdy; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.57, Plg=57, Azm=65; (N) Val=-0.22, Plg=33, Azm=246; (P) Val=-1.35, Plg=1, Azm=156; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=217, Dip=53, Slip=47; NP2: Strike=94, Dip=54, Slip=132.
15	10	07	01.3	44.858	N	10.560	E	10	G		1.1	63	NORTHERN ITALY. ML 4.5 (GRF), 4.4 (STR), 4.3 (LDG), 4.1 (VIE). Felt (V) in the epicentral area.
15	10	10	15.0	44.862	N	10.684	E	10	G		0.6	19	NORTHERN ITALY. ML 3.6 (VIE), 3.6 (LDG). MD 2.9 (ROM).
15	10	19	43.6	44.754	N	10.743	E	10	G		1.3	103	NORTHERN ITALY. ML 4.7 (GRF), 4.6 (STR), 4.4 (LDG), 4.4 (VIE), 4.4 (FUR). Felt (V) in the epicentral area.
15	10	30	00.5	44.881	N	10.597	E	10	G		1.2	22	NORTHERN ITALY. ML 3.1 (LDG). MD 2.6 (ROM).
15	10	43	13.0	44.848	N	10.512	E	10	G		1.2	19	NORTHERN ITALY. ML 3.0 (LDG). MD 2.5 (ROM). Felt (II) in the epicentral area.
15	10	49	17.9*	44.745	N	10.508	E	10	G		1.0	11	NORTHERN ITALY. ML 2.7 (LDG). MD 2.3 (ROM).
15	10	50	59.3*	44.883	N	10.501	E	10	G		0.9	8	NORTHERN ITALY. ML 2.8 (LDG). MD 2.3 (ROM).
15	11	09	42.3&	33.863	S	69.836	W	5	G		0.3	11	CHILE-ARGENTINA BORDER REGION
15	11	22	34.2	44.872	N	10.707	E	10	G		0.6	19	NORTHERN ITALY. ML 3.4 (VIE), 3.3 (LDG). MD 3.0 (ROM). Felt

													(III) in the epicentral area.
15	12	00	49.0*	44.787	N	10.616	E	10	G		1.4	12	NORTHERN ITALY. ML 3.4 (VIE), 3.1 (LDG). MD 2.8 (ROM). Felt (III) in the epicentral area.
15	12	18	24.1	44.785	N	10.728	E	10	G	4.5	1.3	114	NORTHERN ITALY. ML 4.7 (STR), 4.6 (FUR), 4.5 (LDG), 4.5 (VIE). Felt (VI) in the epicentral area.
15	12	26	29.5?	7.32	S	155.48	E	33	N	4.0	1.0	8	SOLOMON ISLANDS
15	12	30	35.3*	44.897	N	10.781	E	10	G		1.0	13	NORTHERN ITALY. ML 3.2 (LDG). MD 2.7 (ROM). Felt (III) in the epicentral area.
15	12	43	29.7&	33.867	S	69.823	W	5	G		0.3	9	CHILE-ARGENTINA BORDER REGION
15	12	51	50.3	44.796	N	10.619	E	10	G		1.3	75	NORTHERN ITALY. ML 4.2 (GRF), 4.0 (LDG), 4.0 (VIE), 3.9 (STR). Felt (III) in the epicentral area.
15	14	17	21.3	44.858	N	10.571	E	10	G		1.1	21	NORTHERN ITALY. ML 3.4 (VIE), 3.2 (LDG). MD 2.8 (ROM). Felt (II) in the epicentral area.
15	14	47	14.3	44.803	N	10.628	E	10	G		1.3	44	NORTHERN ITALY. ML 4.1 (GRF), 3.9 (VIE), 3.9 (STR), 3.7 (LDG). Felt (III) in the epicentral area.
15	14	58	12.1*	7.165	S	155.628	E	33	N	4.4	1.1	22	SOLOMON ISLANDS
15	15	06	46.3	2.703	N	128.616	E	200	G	4.8	0.9	25	HALMAHERA, INDONESIA
15	15	10	46.1	44.847	N	10.544	E	10	G		1.2	15	NORTHERN ITALY. ML 3.1 (LDG). MD 2.4 (ROM). Felt (II) in the epicentral area.
15	15	44	04.7	44.839	N	10.511	E	10	G		1.1	14	NORTHERN ITALY. ML 3.0 (LDG). MD 2.7 (ROM). Felt (III) in the epicentral area.
15	16	01	42.2*	20.815	N	121.282	E	33	N	4.5	1.4	16	PHILIPPINE ISLANDS REGION
15	16	25	52.0*	44.816	N	10.758	E	10	G		0.9	6	NORTHERN ITALY. ML 2.8 (LDG). MD 2.5 (ROM). Felt (II) in the epicentral area.
15	16	32	42.8	9.244	N	126.123	E	33	N	5.0	1.1	47	MINDANAO, PHILIPPINE ISLANDS
15	16	46	37.2?	23.14	N	143.86	E	33	N		1.3	8	VOLCANO ISLANDS REGION
15	17	29	57.1	12.507	N	142.675	E	130	*	5.1	0.9	47	SOUTH OF MARIANA ISLANDS
15	17	38	40.9	44.747	N	10.646	E	10	G		1.4	27	NORTHERN ITALY. ML 3.4 (LDG). MD 3.0 (ROM).
15	17	53	55.3&	60.111	N	150.027	W	35				76	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.0 (AEIC).
15	18	03	31.6?	46.48	N	153.21	E	33	N		0.4	6	KURIL ISLANDS
15	18	24	32.3*	7.213	S	155.782	E	33	N	4.6	1.2	29	SOLOMON ISLANDS
15	19	29	58.3*	0.171	S	126.357	E	33	N	4.8	1.0	13	SOUTHERN MOLUCCA SEA
15	19	55	24.0	44.784	N	10.583	E	10	G		1.2	33	NORTHERN ITALY. ML 3.1 (LDG). MD 2.8 (ROM). Felt (III) in the epicentral area.
15	19	55	49.6	31.578	N	139.755	E	185		4.3	0.9	24	SOUTH OF HONSHU, JAPAN
15	20	02	32.6*	34.725	N	32.424	E	33	N	3.5	1.1	10	CYPRUS REGION
15	20	10	48.2	44.794	N	10.651	E	10	G		1.2	33	NORTHERN ITALY. ML 3.0 (LDG). MD 2.9 (ROM). Felt (III) in the epicentral area.
15	20	20	08.0*	51.719	N	179.526	W	80	*	4.6	0.9	25	ANDREANOF ISLANDS, ALEUTIAN IS.
15	20	41	38.9	44.832	N	10.720	E	10	G		0.5	22	NORTHERN ITALY. ML 3.0 (LDG). MD 2.7 (ROM). Felt (IV) in the epicentral area.
15	20	43	03.3*	6.532	S	129.954	E	33	N	4.4	1.3	10	BANDA SEA
15	20	49	28.1?	46.31	N	149.50	E	33	N		1.3	6	KURIL ISLANDS
15	21	10	18.1	44.781	N	10.626	E	10	G		1.3	46	NORTHERN ITALY. ML 3.9 (STR), 3.6 (VIE), 3.4 (LDG), 3.4 (FUR). MD 3.2 (ROM). Felt (IV) in the epicentral area.
15	21	10	43.2&	27.730	N	54.199	E	33	N		0.5	16	SOUTHERN IRAN
15	22	13	28.2*	53.621	N	157.016	E	300	G		0.8	13	KAMCHATKA
15	22	52	21.6	44.835	N	10.575	E	10	G		0.8	20	NORTHERN ITALY. ML 2.8 (LDG). MD 2.7 (ROM). Felt (III) in the epicentral area.
15	23	34	34.0*	34.421	N	32.165	E	33	N	4.2	1.1	20	CYPRUS REGION
16	00	24	29.8	44.820	N	10.652	E	10	G		1.2	117	NORTHERN ITALY. ML 4.3 (STR), 4.3 (VIE), 4.2 (FUR), 4.1 (LDG). MD 3.9 (ROM). Felt (V) in the epicentral area.
16	00	34	56.3	44.865	N	10.434	E	10	G		0.9	17	NORTHERN ITALY. ML 2.9 (LDG). MD 2.8 (ROM). Felt (III) in the epicentral area.
16	00	38	01.5*	3.469	S	149.503	E	33	N	4.8	1.2	11	BISMARCK SEA
16	01	19	18.5	19.616	S	169.297	E	143	D	5.3	1.2	98	VANUATU ISLANDS
16	01	36	21.8*	44.813	N	10.624	E	10	G		1.3	17	NORTHERN ITALY. ML 3.0 (LDG). MD 2.8 (ROM). Felt (III) in the epicentral area.
16	02	55	35.1?	7.87	N	126.81	E	33	N	4.3	1.2	6	MINDANAO, PHILIPPINE ISLANDS
16	03	24	34.1	45.828	N	9.995	E	10	G		0.6	20	NORTHERN ITALY. ML 2.7 (LDG). MD 2.4 (ROM).
16	03	28	37.8*	28.702	N	129.580	E	45	*	4.3	1.3	21	RYUKYU ISLANDS
16	04	05	50.3	44.777	N	10.668	E	10	G		0.9	13	NORTHERN ITALY. ML 2.8 (LDG). MD 2.7 (ROM). Felt (II) in the epicentral area.
16	04	09	59.9*	20.619	S	178.744	W	600	G	4.6	0.6	25	FIJI ISLANDS REGION
16	04	21	46.9	44.897	N	10.535	E	10	G		1.0	38	NORTHERN ITALY. ML 4.0 (STR), 3.7 (VIE), 3.4 (LDG). Felt (III) in the epicentral area.
16	04	21	48.3?	7.31	S	155.52	E	33	N		0.6	8	SOLOMON ISLANDS
16	04	30	34.1	44.814	N	10.514	E	10	G		1.1	68	NORTHERN ITALY. ML 4.0 (STR), 4.0 (GRF), 3.9 (LDG), 3.9 (VIE), 3.6 (FUR). MD 3.6 (ROM). Felt (IV) in the epicentral area.
16	04	33	51.5&	64.144	N	137.090	W	10	G	4.5		131	SOUTHERN YUKON TERRITORY, CANADA. <PGC-P>. ML 4.9 (PGC). Felt at Dawson.
16	05	43	47.1	32.724	N	141.861	E	10	G	4.6 4.2	0.9	31	SOUTH OF HONSHU, JAPAN
16	06	36	14.4&	62.964	N	149.840	W	89				108	CENTRAL ALASKA. <AEIC>.
16	07	15	32.2	11.736	N	125.467	E	33	N	4.8	0.9	40	SAMAR, PHILIPPINE ISLANDS
16	07	53	44.7	3.091	S	129.388	E	33	N	4.2	0.6	11	SERAM, INDONESIA
16	08	42	12.3	13.924	N	92.063	W	33	N	4.9 4.7	1.3	59	OFF COAST OF CHIAPAS, MEXICO. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 08:42:19.3; Lat 13.92 N Fix; Lon 92.06 W Fix; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=9.49, Plg=55, Azm=58; (N) Val=-2.23, Plg=12, Azm=311; (P) Val=-7.27, Plg=32, Azm=214; Best double couple: Mo=8.4*10**16 Nm; NP1: Strike=268, Dip=16, Slip=45; NP2: Strike=134, Dip=78, Slip=102.
16	09	06	11.8?	22.71	S	179.37	W	600	G	4.2	0.4	11	SOUTH OF FIJI ISLANDS
16	09	06	59.0&	58.452	N	156.650	W	190				41	ALASKA PENINSULA. <AEIC>.
16	09	32	18.7*	34.620	N	32.145	E	33	N	4.0	1.1	14	CYPRUS REGION
16	09	42	49.0	12.711	N	40.527	E	10	G	4.4 4.6	1.1	31	ETHIOPIA
16	09	59	03.5*	28.364	S	177.714	W	90	D		0.5	12	KERMADEC ISLANDS REGION
16	10	40	00.4	44.795	N	10.634	E	10	G		1.4	104	NORTHERN ITALY. ML 4.4 (GRF), 4.3 (STR), 4.2 (VIE), 4.0 (LDG). MD 3.7 (ROM). Felt (V) in the epicentral area.
16	10	53	17.7?	25.83	S	177.43	W	200	G	4.0	1.0	12	SOUTH OF FIJI ISLANDS
16	11	47	53.5	9.569	N	126.522	E	33	N	5.1 4.3	1.2	62	MINDANAO, PHILIPPINE ISLANDS

16	11	48	25.0	44.549	N	110.527	W	5	G			0.8	14	YELLOWSTONE REGION, WYOMING. ML 3.3 (BUT).
16	12	17	02.7	34.958	N	139.231	E	33	N			0.6	10	NEAR S. COAST OF HONSHU, JAPAN
16	12	23	22.9*	44.697	N	10.548	E	10	G			1.0	7	NORTHERN ITALY. ML 3.3 (LDG), 3.2 (VIE). MD 2.9 (ROM). Felt (III) in the epicentral area.
16	12	46	33.9&	60.947	N	150.870	W	13					60	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
16	12	50	32.4	43.364	N	127.589	W	10	G			0.4	32	OFF COAST OF OREGON
16	12	54	09.3&	60.800	N	149.799	W	34					92	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.6 (AEIC).
16	13	07	43.5*	43.489	N	127.360	W	10	G			0.3	26	OFF COAST OF OREGON
16	13	58	57.2	34.885	N	139.166	E	32	*	4.4		1.2	21	NEAR S. COAST OF HONSHU, JAPAN
16	14	11	40.9	47.262	N	11.254	E	5	G			0.5	7	AUSTRIA. ML 1.9 (VIE).
16	14	26	57.6?	9.02	S	111.91	E	33	N			1.3	6	SOUTH OF JAWA, INDONESIA
16	14	35	30.0	6.780	S	129.645	E	143	*	4.9		1.2	42	BANDA SEA
16	14	41	00.6?	44.78	N	110.86	W	5	G			0.6	7	YELLOWSTONE REGION, WYOMING. ML 3.0 (BUT).
16	15	12	59.8	34.437	N	32.279	E	33	N	4.4		1.0	53	CYPRUS REGION. ML 4.5 (JER).
16	15	48	12.2*	12.857	S	167.106	E	33	N	4.5		1.1	32	SANTA CRUZ ISLANDS
16	16	02	35.1*	30.166	N	138.911	E	432	*	4.4		0.2	10	SOUTH OF HONSHU, JAPAN
16	17	17	06.1	41.499	N	81.421	E	33	N	4.4		0.8	22	SOUTHERN XINJIANG, CHINA
16	17	33	17.6&	60.203	N	140.855	W	5					30	SOUTHEASTERN ALASKA. <AEIC>. ML 3.2 (AEIC).
16	17	49	19.8?	38.35	N	67.93	E	33	N	3.4		1.0	10	SOUTHEASTERN UZBEKISTAN
16	17	56	17.1?	34.36	S	70.64	W	100	G			0.1	6	CHILE-ARGENTINA BORDER REGION
16	18	30	45.6	12.699	N	40.539	E	10	G	4.8	4.4	0.7	38	ETHIOPIA
16	18	39	43.5	34.963	N	139.239	E	31	D			0.9	9	NEAR S. COAST OF HONSHU, JAPAN
16	19	08	52.4	44.806	N	10.547	E	10	G			1.1	35	NORTHERN ITALY. ML 3.5 (VIE), 3.2 (LDG). MD 3.1 (ROM). Felt (III) in the epicentral area.
16	19	15	19.1	26.555	N	130.221	E	40	D	4.5		1.2	23	SOUTHEAST OF RYUKYU ISLANDS
16	19	37	59.7&	60.256	N	151.067	W	56					61	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
16	20	59	20.6*	16.697	N	100.882	W	33	N			0.9	12	NEAR COAST OF GUERRERO, MEXICO
16	22	09	49.4*	37.085	N	10.829	W	10	G	3.4		1.0	29	NORTH ATLANTIC OCEAN. mbLg 3.3 (MDD).
16	23	12	37.6	44.873	N	10.733	E	10	G			0.9	21	NORTHERN ITALY. ML 2.8 (LDG), 2.8 (VIE). MD 2.8 (ROM). Felt (III) in the epicentral area.
16	23	18	57.8*	12.726	N	40.700	E	10	G	3.9		0.9	12	ETHIOPIA
17	00	48	42.1*	11.114	N	86.074	W	33	N	4.3		0.8	12	NEAR COAST OF NICARAGUA
17	01	07	04.5?	34.91	N	32.17	E	33	N	3.5		1.2	10	CYPRUS REGION
17	01	23	17.6*	32.715	N	130.689	E	30				0.9	9	KYUSHU, JAPAN
17	02	08	32.3%	44.804	N	111.276	W	5	G			0.3	10	HEBGEN LAKE REGION. ML 3.4 (BUT).
17	02	19	54.8?	6.96	S	155.10	E	33	N	4.5		1.3	5	SOLOMON ISLANDS
17	02	26	48.5	44.878	N	10.366	E	10	G			0.9	70	NORTHERN ITALY. ML 3.8 (STR), 3.7 (GRF), 3.6 (LDG), 3.6 (VIE), 3.5 (FUR). MD 3.3 (ROM). Felt (IV) in the epicentral area.
17	03	04	27.9*	6.687	S	130.799	E	100	G	4.1		1.3	8	BANDA SEA
17	03	18	31.1%	38.273	N	73.029	E	100	G			0.3	8	TAJIKISTAN-XINJIANG BORDER REG.
17	03	19	09.2&	35.428	N	117.749	W	8					49	CENTRAL CALIFORNIA. <PAS-P>. MD 3.3 (PAS). ML 3.3 (GS).
17	03	33	29.0?	30.00	S	177.33	W	33	N	4.8		0.9	16	KERMADEC ISLANDS, NEW ZEALAND
17	03	50	56.2*	9.989	N	126.007	E	33	N	4.6		1.2	25	MINDANAO, PHILIPPINE ISLANDS
17	04	00	04.3*	28.162	N	130.128	E	31		4.3		1.2	15	RYUKYU ISLANDS
17	04	19	14.2%	46.131	N	2.785	E	10	G			0.3	11	FRANCE. ML 2.1 (LDG).
17	06	12	23.4?	32.74	S	179.07	W	33	N	4.6		0.9	8	SOUTH OF KERMADEC ISLANDS
17	07	42	28.1?	34.79	N	32.29	E	33	N	3.5		1.1	7	CYPRUS REGION
17	08	00	33.0	31.823	N	115.665	W	5	G			0.9	24	BAJA CALIFORNIA, MEXICO. ML 3.8 (GS).
17	08	19	31.7?	0.55	S	136.73	E	33	N	4.5		1.0	9	IRIAN JAYA REGION, INDONESIA
17	08	41	27.9	34.433	N	32.138	E	33	N	4.6		0.8	85	CYPRUS REGION. ML 4.8 (JER).
17	08	48	36.7&	61.795	N	148.426	W	4					58	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
17	09	18	32.8?	35.29	S	71.28	W	110	G			0.2	10	CENTRAL CHILE. MD 2.9 (SAN).
17	10	30	36.3&	60.008	N	152.823	W	103					56	SOUTHERN ALASKA. <AEIC>.
17	10	37	09.5?	21.47	N	121.67	E	33	N			0.8	5	TAIWAN REGION
17	11	27	14.2&	61.169	N	151.701	W	84					66	SOUTHERN ALASKA. <AEIC>.
17	11	43	27.9&	39.742	N	76.054	W	5					5	CHESAPEAKE BAY REGION. <PAL-P>. MD 2.2 (PAL). mbLg 2.3 (GS). Felt in Cecil and Hartford Counties, Maryland. Also felt in Chester County, Pennsylvania.
17	12	03	35.0*	3.345	S	131.027	E	33	N	4.0		1.3	10	IRIAN JAYA REGION, INDONESIA
17	12	08	56.9?	5.57	S	147.10	E	209				0.7	8	EASTERN NEW GUINEA REG., P.N.G.
17	12	30	14.6*	29.007	S	179.035	W	300	G	4.2		0.8	30	KERMADEC ISLANDS REGION
17	13	24	55.0%	35.886	N	4.587	W	10	G			0.9	12	STRAIT OF GIBRALTAR. mbLg 3.3 (MDD).
17	13	51	49.1*	16.710	N	98.731	W	33	N	4.5		0.9	28	NEAR COAST OF GUERRERO, MEXICO
17	13	58	11.4	6.104	S	105.440	E	33	N	4.7		0.9	30	SUNDA STRAIT
17	14	09	34.5*	32.590	N	137.986	E	330	*			1.0	13	SOUTH OF HONSHU, JAPAN
17	14	17	17.3*	6.530	S	129.825	E	163	*	4.2		0.9	10	BANDA SEA
17	15	01	30.9	6.861	S	12.752	W	10	G	4.8		0.9	33	ASCENSION ISLAND REGION
17	15	05	40.9*	31.676	S	71.686	W	33	N			1.3	20	NEAR COAST OF CENTRAL CHILE. MD 4.5 (SAN). Felt (IV) at Canela, Illapel, Petorca and Salamanca; (III) at Los Vilos.
17	15	24	05.7	30.564	N	131.177	E	38	D	4.9		1.0	49	KYUSHU, JAPAN. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 15:24:11.5; Lat 30.40 N; Lon 130.55 E; Dep 26.3; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.50, Plg=63, Azm=298; (N) Val=2.48, Plg=3, Azm=203; (P) Val=-6.97, Plg=27, Azm=112; Best double couple: Mo=5.7*10**16 Nm; NP1: Strike=195, Dip=18, Slip=81; NP2: Strike=24, Dip=72, Slip=93.
17	15	38	20.9&	60.113	N	152.953	W	117		5.4			327	SOUTHERN ALASKA. <AEIC>. Mw 5.5 (HRV). Felt at Anchorage, Butte, Homer, Kasilof, Kenai, Ninilchik, Seward and Soldotna. Centroid, Moment Tensor (HRV): Centroid origin time 15:38:21.6; Lat 60.03 N; Lon 152.87 W; Dep 133.6; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.74, Plg=20, Azm=282; (N) Val=0.08, Plg=66, Azm=138; (P) Val=-1.82, Plg=13, Azm=16; Best double couple: Mo=1.8*10**17 Nm; NP1: Strike=60, Dip=67, Slip=5; NP2: Strike=328, Dip=85, Slip=157.
17	15	47	38.1	37.516	N	116.531	W	5	G			1.3	26	SOUTHERN NEVADA. ML 3.7 (GS).
17	16	15	25.7	5.704	N	125.945	E	117	D	5.7		1.1	161	MINDANAO, PHILIPPINE ISLANDS. Mw 6.0 (GS), 6.0 (HRV). Moment Tensor (GS): Dep 102; Principal axes (scale 10**18 Nm): (T) Val=1.00, Plg=59, Azm=232; (N) Val=0.11, Plg=15, Azm=348; (P) Val=-1.11, Plg=27, Azm=86; Best double couple:

													Mo=1.1*10**18 Nm; NP1: Strike=209, Dip=23, Slip=133; NP2: Strike=344, Dip=73, Slip=74. Centroid, Moment Tensor (HRV): Centroid origin time 16:15:28.5; Lat 5.74 N; Lon 126.09 E; Dep 113.6; Half-duration 2.3 sec; Principal axes (scale 10**18 Nm): (T) Val=1.01, Plg=59, Azm=247; (N) Val=-0.03, Plg=8, Azm=351; (P) Val=-0.97, Plg=30, Azm=85; Best double couple: Mo=9.9*10**17 Nm; NP1: Strike=198, Dip=17, Slip=118; NP2: Strike=349, Dip=75, Slip=82.
17	16	36	35.8*	28.048	S	177.120	W	33	N	4.5	0.8	12	KERMADEC ISLANDS REGION
17	16	38	07.8	21.929	N	98.982	E	33	N	4.7	0.7	69	MYANMAR
17	16	51	59.7	42.185	N	142.974	E	33	N		1.2	13	HOKKAIDO, JAPAN REGION
17	17	01	58.5&	60.126	N	152.916	W	117		4.4		172	SOUTHERN ALASKA. <AEIC>. Felt at Anchorage, Homer, Kasilof, Kenai, Seward and Soldotna.
17	17	51	56.6	19.016	N	69.113	W	33	N	4.4	0.8	17	DOMINICAN REPUBLIC REGION. MD 4.1 (MPR). Felt in the Dominican Republic. Felt (III) at Mayaguez, Puerto Rico.
17	18	20	41.3*	5.771	N	95.427	E	33	N	4.8	1.2	12	NORTHERN SUMATERA, INDONESIA
17	18	42	04.0&	59.319	N	152.494	W	81				34	SOUTHERN ALASKA. <AEIC>.
17	19	09	07.0	56.614	N	34.284	W	10	G	4.5	0.9	36	NORTH ATLANTIC OCEAN
17	19	12	36.9*	11.482	N	87.174	W	33	N	4.8	0.9	23	NEAR COAST OF NICARAGUA
17	19	42	37.5?	11.77	N	86.81	W	33	N	4.6	1.4	9	NEAR COAST OF NICARAGUA
17	19	44	24.3	37.505	N	116.283	W	5	G		0.8	20	SOUTHERN NEVADA. ML 3.6 (GS).
17	20	34	49.4*	51.590	N	15.932	E	10	G		1.5	8	POLAND. ML 3.2 (VIE).
17	20	53	27.4	25.710	S	70.310	W	66	D	4.8	0.9	33	NEAR COAST OF NORTHERN CHILE. Felt (IV) at Copiapo, Diego de Almagro and Inca de Oro.
17	21	24	44.4*	51.131	N	15.916	E	10	G		0.9	5	POLAND
17	21	27	54.0*	12.705	N	40.632	E	10	G	3.9	0.7	10	ETHIOPIA
17	21	43	04.0*	5.774	N	126.051	E	150	G	4.2	0.9	10	MINDANAO, PHILIPPINE ISLANDS
18	01	01	48.0?	36.22	N	140.94	E	100	G		0.8	6	NEAR EAST COAST OF HONSHU, JAPAN
18	01	03	27.8*	9.664	S	108.617	E	33	N	4.6	1.1	22	SOUTH OF JAWA, INDONESIA
18	02	29	23.5?	51.05	N	156.37	E	150	G		1.3	12	KAMCHATKA
18	03	14	04.3	7.083	S	155.420	E	33	N	5.0 4.7	1.0	38	SOLOMON ISLANDS. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 03:14:07.3; Lat 7.25 S; Lon 155.48 E; Dep 19.0; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.89, Plg=61, Azm=4; (N) Val=-0.28, Plg=14, Azm=121; (P) Val=-1.60, Plg=25, Azm=217; Best double couple: Mo=1.7*10**17 Nm; NP1: Strike=334, Dip=24, Slip=126; NP2: Strike=116, Dip=71, Slip=75.
18	03	32	50.8?	7.62	S	155.34	E	33	N	4.0	1.3	7	SOLOMON ISLANDS
18	03	42	35.0&	60.225	N	153.434	W	149				89	SOUTHERN ALASKA. <AEIC>.
18	03	59	13.0*	11.848	N	126.222	E	33	N	4.9	1.3	25	PHILIPPINE ISLANDS REGION
18	04	44	29.1*	28.510	N	128.207	E	100	G		0.7	10	RYUKYU ISLANDS
18	05	04	03.0	5.949	S	148.708	E	62	D	5.3	1.0	61	NEW BRITAIN REGION, P.N.G. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 05:04:08.5; Lat 6.19 S; Lon 148.94 E; Dep 52.0; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.50, Plg=81, Azm=0; (N) Val=0.14, Plg=0, Azm=267; (P) Val=-1.64, Plg=9, Azm=177; Best double couple: Mo=1.6*10**17 Nm; NP1: Strike=266, Dip=36, Slip=89; NP2: Strike=87, Dip=54, Slip=91.
18	06	25	17.1*	20.188	S	178.313	W	550	G	4.9	0.9	41	FIJI ISLANDS REGION
18	06	51	59.2&	63.293	N	151.549	W	12				52	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
18	07	06	39.7*	6.307	S	104.560	E	86	*	4.7	1.1	28	SUNDA STRAIT
18	08	45	43.6*	28.745	S	176.859	W	33	N	4.6	0.8	20	KERMADEC ISLANDS REGION
18	09	01	57.6&	10.970	N	61.713	W	30	*		0.2	6	TRINIDAD. MD 3.3 (TRN).
18	09	26	03.6	27.695	N	57.573	E	33	N	5.4 4.9	0.9	204	SOUTHERN IRAN. Mw 5.4 (HRV), 5.3 (GS). Moment Tensor (GS): Dep 22; Principal axes (scale 10**17 Nm): (T) Val=1.01, Plg=49, Azm=0; (N) Val=-0.02, Plg=13, Azm=106; (P) Val=-0.98, Plg=38, Azm=206; Best double couple: Mo=1.0*10**17 Nm; NP1: Strike=351, Dip=14, Slip=156; NP2: Strike=104, Dip=84, Slip=77. Centroid, Moment Tensor (HRV): Centroid origin time 09:26:09.2; Lat 27.26 N; Lon 57.69 E; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.33, Plg=66, Azm=31; (N) Val=-0.22, Plg=3, Azm=296; (P) Val=-1.11, Plg=24, Azm=204; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=289, Dip=21, Slip=83; NP2: Strike=117, Dip=69, Slip=93.
18	09	49	25.3&	36.302	N	4.451	W	10	G		0.6	8	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
18	09	49	49.6*	9.741	S	117.570	E	33	N	4.3	1.2	7	SUMBAWA REGION, INDONESIA
18	10	26	14.9&	63.435	N	151.212	W	11				54	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
18	10	50	20.8	30.568	N	131.093	E	10	G	6.0 6.6	1.2	308	KYUSHU, JAPAN. Mw 6.6 (GS), 6.6 (HRV). Me 6.3 (GS). Ms 6.3 (BRK). Felt (IV JMA) in eastern Kagoshima Prefecture; (III JMA) in Miyazaki and western Kagoshima Prefectures. Also felt (III JMA) on Tanega-shima. Local tsunami generated with wave heights up to 17 cm recorded on Tanega-shima. Broadband Source Parameters (GS): Dep 25; NP1: Strike=225, Dip=10, Slip=100; NP2: Strike=35, Dip=80, Slip=88; Radiated energy 7.1*10**13 Nm. Moment Tensor (GS): Dep 34; Principal axes (scale 10**18 Nm): (T) Val=8.23, Plg=50, Azm=338; (N) Val=-0.28, Plg=30, Azm=204; (P) Val=-7.95, Plg=23, Azm=99; Best double couple: Mo=8.1*10**18 Nm; NP1: Strike=146, Dip=35, Slip=28; NP2: Strike=33, Dip=74, Slip=122. Centroid, Moment Tensor (HRV): Centroid origin time 10:50:32.4; Lat 30.47 N; Lon 131.29 E; Dep 22.0 Bdy; Half-duration 5.9 sec; Principal axes (scale 10**19 Nm): (T) Val=1.02, Plg=60, Azm=328; (N) Val=-0.05, Plg=7, Azm=227; (P) Val=-0.98, Plg=29, Azm=133; Best double couple: Mo=1.0*10**19 Nm; NP1: Strike=204, Dip=17, Slip=67; NP2: Strike=48, Dip=75, Slip=97. Scalar Moment (PPT): Mo=1.7*10**19 Nm.

18	11	12	08.3	30.436	N	131.393	E	10	G	4.7	1.2	27	KYUSHU, JAPAN
18	11	19	18.6	0.389	N	126.221	E	44		5.6 6.3	0.9	112	NORTHERN MOLUCCA SEA. Mw 5.8 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 11:19:22.5; Lat 0.72 N; Lon 126.54 E; Dep 31.8; Half-duration 2.4 sec; Principal axes (scale 10**17 Nm): (T) Val=4.74, Plg=86, Azm=273; (N) Val=0.48, Plg=1, Azm=25; (P) Val=-5.22, Plg=4, Azm=115; Best double couple: Mo=5.0*10**17 Nm; NP1: Strike=207, Dip=41, Slip=92; NP2: Strike=24, Dip=49, Slip=88.
18	11	32	03.9*	30.444	N	131.381	E	10	G	4.3	1.0	10	KYUSHU, JAPAN
18	12	17	54.0	34.445	N	32.054	E	33	N	3.5	0.8	28	CYPRUS REGION. ML 4.2 (JER).
18	12	34	24.1&	60.083	N	153.667	W	130				69	SOUTHERN ALASKA. <AEIC>.
18	13	04	07.8?	19.93	S	173.93	W	33	N	4.3	0.3	7	TONGA ISLANDS
18	13	31	26.5%	27.883	N	57.571	E	33	N		0.7	8	SOUTHERN IRAN
18	13	41	03.4	32.436	S	70.041	W	122	D	5.2	0.9	100	CHILE-ARGENTINA BORDER REGION. MD 5.0 (SAN). Felt (V) at Salamanca; (IV) at Illapel, Quillota, Santiago, Valparaiso and Vina del Mar; (III) at Quilpue, Quintero and San Felipe, Chile. Felt (IV) in Mendoza Province, Argentina.
18	15	06	18.0	33.469	N	141.320	E	33	N		0.9	9	OFF EAST COAST OF HONSHU, JAPAN
18	15	21	42.9*	20.699	N	122.047	E	33	N	4.6	1.1	13	PHILIPPINE ISLANDS REGION
18	15	26	58.0	52.974	S	21.862	E	10	G	5.2 4.7	1.3	61	SOUTH OF AFRICA. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 15:27:01.2; Lat 52.82 S; Lon 22.90 E; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=0.97, Plg=8, Azm=215; (N) Val=0.37, Plg=4, Azm=124; (P) Val=-1.34, Plg=81, Azm=9; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=309, Dip=37, Slip=-84; NP2: Strike=121, Dip=53, Slip=-95.
18	15	27	28.5?	6.45	S	147.68	E	33	N	4.2	1.2	7	EASTERN NEW GUINEA REG., P.N.G.
18	15	34	15.3*	5.575	S	146.337	E	33	N	4.3	1.1	13	EASTERN NEW GUINEA REG., P.N.G.
18	15	50	43.1*	52.971	S	21.687	E	10	G	4.4	0.9	11	SOUTH OF AFRICA
18	15	58	27.7*	44.700	N	10.811	E	10	G		1.4	20	NORTHERN ITALY. ML 2.9 (LDG). MD 2.6 (ROM). Felt (III) in the epicentral area.
18	16	05	19.7?	21.43	S	169.74	E	33	N	3.9	0.8	10	LOYALTY ISLANDS REGION
18	16	44	47.9	33.685	N	137.403	E	338	D	5.4	0.9	281	NEAR S. COAST OF HONSHU, JAPAN. Mw 5.6 (GS), 5.6 (HRV). Me 5.1 (GS). Broadband Source Parameters (GS): Dep 335; Radiated energy 1.1*10**12 Nm. Moment Tensor (GS): Dep 338; Principal axes (scale 10**17 Nm): (T) Val=2.20, Plg=60, Azm=75; (N) Val=0.92, Plg=18, Azm=199; (P) Val=-3.12, Plg=23, Azm=297; Best double couple: Mo=2.7*10**17 Nm; NP1: Strike=59, Dip=27, Slip=133; NP2: Strike=193, Dip=70, Slip=71. Centroid, Moment Tensor (HRV): Centroid origin time 16:44:50.3; Lat 33.63 N; Lon 137.33 E; Dep 339.9; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.40, Plg=59, Azm=95; (N) Val=0.43, Plg=1, Azm=187; (P) Val=-2.83, Plg=31, Azm=277; Best double couple: Mo=2.6*10**17 Nm; NP1: Strike=11, Dip=14, Slip=94; NP2: Strike=187, Dip=76, Slip=89.
18	17	34	53.0*	62.141	S	165.014	E	10	G	4.9	0.9	25	BALLENY ISLANDS REGION. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 17:34:57.8; Lat 62.14 S; Lon 165.34 E; Dep 15.0 Fix; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=2.23, Plg=6, Azm=187; (N) Val=-0.10, Plg=79, Azm=62; (P) Val=-2.13, Plg=9, Azm=278; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=323, Dip=80, Slip=-2; NP2: Strike=53, Dip=88, Slip=-170.
18	17	35	06.3*	17.956	S	178.277	W	550	G	4.9	0.9	24	FIJI ISLANDS REGION
18	17	43	15.3%	10.166	N	126.164	E	33	N		0.8	8	PHILIPPINE ISLANDS REGION
18	18	03	54.9*	16.662	S	69.323	W	200	G		0.6	10	PERU-BOLIVIA BORDER REGION
18	18	20	18.7%	33.725	N	137.674	E	350	G		0.8	8	NEAR S. COAST OF HONSHU, JAPAN
18	19	07	00.8?	7.07	S	150.31	E	33	N	4.0	0.6	5	NEW BRITAIN REGION, P.N.G.
18	19	11	40.6*	19.875	S	177.476	W	400	G	4.3	0.7	16	FIJI ISLANDS REGION
18	19	34	18.2%	33.472	S	70.079	W	10	G		0.4	7	CHILE-ARGENTINA BORDER REGION. MD 3.0 (SAN).
18	19	38	16.9	34.369	N	32.164	E	33	N	4.3	1.1	68	CYPRUS REGION. ML 4.6 (JER).
18	19	38	23.2	9.861	N	126.374	E	33	N	5.1	0.9	59	MINDANAO, PHILIPPINE ISLANDS
18	20	11	35.3&	37.622	N	119.383	W	15				7	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.0 (BRK).
18	22	21	03.5*	50.070	N	155.328	E	100	G	4.1	0.9	16	KURIL ISLANDS
18	22	35	22.3	8.556	S	118.427	E	132	*	4.6	1.3	24	SUMBAWA REGION, INDONESIA
18	23	03	13.9*	42.485	N	13.491	E	10	G		0.5	14	CENTRAL ITALY. MD 3.3 (ROM). ML 3.1 (LDG).
18	23	19	11.7	47.292	N	10.652	E	10	G		1.2	12	AUSTRIA. ML 2.1 (FUR), 2.0 (VIE).
18	23	42	02.0*	64.423	N	165.091	W	10	G		1.1	8	NORTHERN ALASKA
18	23	49	13.5&	61.611	N	146.379	W	40		4.7 4.6		147	SOUTHERN ALASKA. <AEIC>. ML 4.6 (AEIC). Felt from Cordova and Valdez to Anchorage, Eagle River, Palmer and Wasilla.
18	23	50	54.0&	57.927	N	152.345	W	46				14	KODIAK ISLAND REGION. <AEIC>. ML 3.4 (AEIC).
19	01	20	41.4*	34.246	N	31.887	E	33	N	4.1	0.8	20	CYPRUS REGION
19	01	42	53.6*	44.547	N	149.724	E	33	N	4.2	0.9	14	KURIL ISLANDS
19	01	43	41.0%	46.401	N	2.586	E	15	G		0.8	14	FRANCE. ML 2.5 (LDG).
19	02	13	11.5*	44.760	N	10.672	E	10	G		1.4	19	NORTHERN ITALY. ML 2.7 (LDG). MD 2.7 (ROM).
19	02	16	38.1*	32.488	N	141.767	E	33	N	4.5	1.4	17	SOUTH OF HONSHU, JAPAN
19	03	00	23.1	51.628	N	16.146	E	5	G		0.6	8	POLAND
19	03	07	16.3*	31.861	N	131.802	E	33	N	4.7 4.4	1.5	49	KYUSHU, JAPAN
19	03	39	57.2	44.765	N	10.664	E	10	G		1.4	25	NORTHERN ITALY. MD 2.9 (ROM). ML 2.7 (LDG).
19	04	18	12.7&	60.227	N	153.070	W	126				59	SOUTHERN ALASKA. <AEIC>.
19	04	45	21.5?	16.85	N	93.76	W	159	D	4.2	1.1	11	CHIAPAS, MEXICO
19	05	03	26.5	30.407	N	131.268	E	37		4.7	1.1	38	KYUSHU, JAPAN
19	05	18	57.5?	6.77	S	142.57	E	33	N	4.3	1.6	9	NEW GUINEA, PAPUA NEW GUINEA
19	05	34	21.9*	24.239	S	179.934	W	500	G	4.2	0.8	16	SOUTH OF FIJI ISLANDS
19	06	33	53.1?	11.41	N	88.00	W	33	N	4.0	1.0	9	OFF COAST OF CENTRAL AMERICA
19	06	51	31.8	8.650	S	76.058	W	135	D	4.7	0.8	40	CENTRAL PERU. Felt (IV) at Tingo Maria.
19	07	44	54.2&	52.214	N	115.215	W	0		3.9		30	ALBERTA, CANADA. <PGC-P>. mbLg 3.8 (PGC), 3.8 (GS). Felt (IV-V) near the Strachan gas plant.

19	07	46	29.1&	52.136	N	115.172	W	0				3	ALBERTA, CANADA. <PGC-P>. mbLg 3.6 (PGC). Felt near the Strachan gas plant.
19	08	00	09.8?	31.70	N	131.96	E	33	N	4.6	3.7	1.8	12	KYUSHU, JAPAN
19	08	02	38.2&	40.757	N	124.489	W	19					26	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.8 (GM). ML 3.3 (BRK), 2.9 (GS).
19	08	31	49.8	31.840	N	131.804	E	33	N	5.4	5.0	1.3	94	KYUSHU, JAPAN. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 08:31:54.3; Lat 31.82 N; Lon 131.89 E; Dep 38.8; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.92, Plg=64, Azm=323; (N) Val=0.13, Plg=9, Azm=215; (P) Val=-2.05, Plg=24, Azm=121; Best double couple: Mo=2.0*10**17 Nm; NP1: Strike=194, Dip=22, Slip=67; NP2: Strike=38, Dip=69, Slip=99.
19	08	45	08.7?	34.30	S	69.95	W	5	G			0.1	5	CHILE-ARGENTINA BORDER REGION
19	09	43	51.1&	63.382	N	149.529	W	9					79	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC).
19	09	48	54.6*	44.787	N	8.540	W	33	N			0.7	12	NORTH ATLANTIC OCEAN. ML 3.1 (LDG). mbLg 3.0 (MDD).
19	10	05	17.0&	59.818	N	153.285	W	128					39	SOUTHERN ALASKA. <AEIC>.
19	10	33	07.6	9.802	N	126.217	E	33	N	5.0		1.0	46	MINDANAO, PHILIPPINE ISLANDS
19	10	42	40.6&	60.100	N	152.785	W	125					38	SOUTHERN ALASKA. <AEIC>.
19	11	04	21.2*	8.566	N	127.319	E	33	N	4.3		0.7	12	PHILIPPINE ISLANDS REGION
19	11	36	21.9&	44.341	N	7.250	E	5	G			0.2	8	NORTHERN ITALY. ML 2.0 (LDG).
19	11	56	23.0&	63.189	N	150.605	W	131					34	CENTRAL ALASKA. <AEIC>.
19	12	11	05.5*	47.129	N	2.900	W	5	G			0.1	6	FRANCE. ML 2.7 (STR).
19	12	17	15.1&	38.820	N	122.813	W	2					28	NORTHERN CALIFORNIA. <GM-P>. MD 3.5 (GM). ML 3.0 (BRK), 3.0 (GS).
19	13	01	04.3&	36.680	N	9.531	W	33	N			0.7	17	WEST OF GIBRALTAR. mbLg 3.1 (MDD).
19	13	24	57.8*	21.672	N	143.137	E	275	?	4.2		0.8	11	MARIANA ISLANDS REGION
19	13	27	57.9	43.090	N	106.056	W	5	G			0.8	19	WYOMING. ML 4.2 (GS). Felt at Casper. Also felt lightly at Sinclair.
19	13	30	20.7	29.849	N	139.130	E	401	*	3.9		0.8	25	SOUTH OF HONSHU, JAPAN
19	14	01	03.9	31.959	N	131.615	E	33	N	5.4		1.1	188	KYUSHU, JAPAN. Mw 5.7 (GS), 5.7 (HRV). Me 5.4 (GS). Felt (III JMA) at Hitoyoshi and Miyazaki. Broadband Source Parameters (GS): Dep 21; NP1: Strike=35, Dip=75, Slip=100; NP2: Strike=181, Dip=18, Slip=57; Radiated energy 2.9*10**12 Nm. Moment Tensor (GS): Dep 25; Principal axes (scale 10**17 Nm): (T) Val=3.44, Plg=61, Azm=341; (N) Val=0.04, Plg=21, Azm=207; (P) Val=-3.49, Plg=19, Azm=109; Best double couple: Mo=3.5*10**17 Nm; NP1: Strike=169, Dip=32, Slip=48; NP2: Strike=36, Dip=67, Slip=113. Centroid, Moment Tensor (HRV): Centroid origin time 14:01:07.7; Lat 31.73 N; Lon 131.84 E; Dep 24.0 Bdy; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=4.00, Plg=67, Azm=313; (N) Val=0.32, Plg=3, Azm=215; (P) Val=-4.32, Plg=23, Azm=124; Best double couple: Mo=4.2*10**17 Nm; NP1: Strike=206, Dip=22, Slip=81; NP2: Strike=36, Dip=68, Slip=94.
19	14	44	40.7	31.885	N	131.468	E	22	G	6.3	6.6	1.0	396	KYUSHU, JAPAN. Mw 7.0 (OBN), 6.7 (HRV), 6.6 (GS). Me 6.6 (GS). Ms 6.4 (BRK). Some damage (V JMA) at Kanoya and Miyazaki. Felt (IV JMA) at Kumamoto, Kurume and Oita. Tsunami generated with recorded wave heights of 110 cm at Miyazaki, 40 cm at Nichinan and 14 cm on Tanega-shima. Minor tsunami also observed on Shikoku. Broadband Source Parameters (GS): Dep 18; NP1: Strike=34, Dip=72, Slip=120; NP2: Strike=152, Dip=35, Slip=33; Radiated energy 2.1*10**14 Nm. Moment Tensor (GS): Dep 34; Principal axes (scale 10**19 Nm): (T) Val=1.01, Plg=60, Azm=298; (N) Val=0.00, Plg=9, Azm=43; (P) Val=-1.01, Plg=28, Azm=138; Best double couple: Mo=1.0*10**19 Nm; NP1: Strike=250, Dip=19, Slip=118; NP2: Strike=41, Dip=74, Slip=81. Centroid, Moment Tensor (HRV): Centroid origin time 14:44:48.1; Lat 31.78 N; Lon 131.78 E; Dep 22.0 Bdy; Half-duration 5.5 sec; Principal axes (scale 10**19 Nm): (T) Val=1.45, Plg=62, Azm=316; (N) Val=-0.04, Plg=3, Azm=221; (P) Val=-1.41, Plg=28, Azm=129; Best double couple: Mo=1.4*10**19 Nm; NP1: Strike=210, Dip=17, Slip=79; NP2: Strike=41, Dip=73, Slip=93. Scalar Moment (OBN): Mo=4.0*10**19 Nm. Scalar Moment (PPT): Mo=2.1*10**19 Nm.
19	14	53	48.7	20.412	S	178.510	W	591	D	6.1		0.8	558	FIJI ISLANDS REGION. Mw 6.9 (GS), 6.9 (HRV). Me 6.7 (GS). Broadband Source Parameters (GS): Dep 586; NP1: Strike=10, Dip=65, Slip=-70; NP2: Strike=149, Dip=32, Slip=-126; Radiated energy 2.6*10**14 Nm. Moment Tensor (GS): Dep 591; Principal axes (scale 10**19 Nm): (T) Val=2.27, Plg=15, Azm=90; (N) Val=0.25, Plg=10, Azm=183; (P) Val=-2.52, Plg=72, Azm=307; Best double couple: Mo=2.4*10**19 Nm; NP1: Strike=165, Dip=32, Slip=-110; NP2: Strike=9, Dip=60, Slip=-78. Centroid, Moment Tensor (HRV): Centroid origin time 14:53:54.1; Lat 20.47 S; Lon 178.24 W; Dep 606.1; Half-duration 6.9 sec; Principal axes (scale 10**19 Nm): (T) Val=2.40, Plg=21, Azm=94; (N) Val=0.33, Plg=12, Azm=188; (P) Val=-2.73, Plg=65, Azm=306; Best double couple: Mo=2.6*10**19 Nm; NP1: Strike=163, Dip=26, Slip=-118; NP2: Strike=13, Dip=67, Slip=-77. Scalar Moment (PPT): Mo=3.5*10**19 Nm.
19	15	02	35.3?	19.77	S	178.47	W	600	G	3.9		1.2	15	FIJI ISLANDS REGION
19	15	44	12.9	9.888	N	126.333	E	33	N	4.8		0.8	37	MINDANAO, PHILIPPINE ISLANDS
19	16	47	44.8?	9.86	N	126.33	E	33	N	4.2		1.4	7	MINDANAO, PHILIPPINE ISLANDS
19	17	04	17.7	44.796	N	10.817	E	10	G			0.4	11	NORTHERN ITALY. ML 2.6 (LDG). MD 2.6 (ROM).
19	17	17	22.3&	57.795	N	137.550	W	10	G				15	OFF COAST OF SOUTHEASTERN ALASKA. <AEIC>. ML 3.1 (AEIC).
19	17	58	54.1?	31.81	N	132.12	E	33	N			1.5	5	SOUTHEAST OF SHIKOKU, JAPAN

19	18	45	28.7	20.216	N	122.322	E	33	N	4.7	1.4	35	PHILIPPINE ISLANDS REGION
19	18	52	03.2*	32.209	S	71.735	W	29			0.7	13	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).
19	19	12	15.8*	31.214	N	138.195	E	400	G	3.8	0.9	13	SOUTH OF HONSHU, JAPAN
19	19	25	08.0*	31.827	N	131.912	E	33	N	4.7	1.5	31	KYUSHU, JAPAN
19	19	53	48.3?	47.47	N	155.18	E	33	N	4.4	1.8	23	EAST OF KURIL ISLANDS
19	20	35	28.3&	62.167	N	148.602	W	32				48	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
19	21	08	58.1*	16.954	N	92.535	W	33	N	4.4	1.2	28	CHIAPAS, MEXICO
19	21	09	41.9*	6.305	S	104.724	E	62	?	4.9	1.1	45	SUNDA STRAIT
19	21	16	24.1%	46.441	N	2.589	E	10	G		0.3	10	FRANCE. ML 2.1 (LDG).
19	21	17	48.6	31.732	N	131.593	E	33	N	5.1 5.1	1.0	119	KYUSHU, JAPAN. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 21:17:54.0; Lat 31.72 N; Lon 131.89 E; Dep 41.3; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.48, Plg=63, Azm=343; (N) Val=-0.17, Plg=14, Azm=224; (P) Val=-2.31, Plg=22, Azm=128; Best double couple: Mo=2.4*10**17 Nm; NP1: Strike=193, Dip=26, Slip=57; NP2: Strike=49, Dip=69, Slip=105.
19	21	19	30.4	37.548	N	116.263	W	5	G		0.7	15	SOUTHERN NEVADA. ML 3.5 (GS).
19	21	27	06.4%	33.634	S	71.657	W	40	G		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.1 (SAN).
19	21	27	41.7*	2.878	N	126.813	E	33	N	4.5	1.2	18	NORTHERN MOLUCCA SEA
19	21	44	43.0?	9.91	N	126.20	E	33	N	4.4	1.2	12	MINDANAO, PHILIPPINE ISLANDS
19	22	34	47.8*	40.748	N	0.697	E	10	G		1.0	13	SPAIN. ML 3.4 (STR). mbLg 2.9 (MDD).
19	23	06	43.6	16.496	N	94.312	W	85	D	4.6	1.0	76	OAXACA, MEXICO
19	23	52	45.5&	61.693	N	151.861	W	93				56	SOUTHERN ALASKA. <AEIC>.
20	00	17	33.3&	34.604	N	116.278	W	6	G			53	SOUTHERN CALIFORNIA. <PAS-P>. MD 4.1 (PAS). ML 4.0 (GS).
20	02	02	01.5	44.828	N	10.657	E	10	G		1.1	96	NORTHERN ITALY. ML 4.2 (GRF), 4.1 (VIE), 4.0 (FUR), 3.9 (LDG), 3.9 (STR). MD 3.6 (ROM).
20	02	24	57.0	42.929	N	17.855	E	10	G		1.3	37	ADRIATIC SEA
20	04	12	01.9%	46.739	N	7.079	E	10	G		0.5	7	SWITZERLAND. ML 1.9 (LDG).
20	04	29	27.6	55.846	N	160.921	E	184	?	4.4	0.8	25	KAMCHATKA
20	04	42	28.7?	35.66	N	32.50	E	33	N	3.7	1.3	12	CYPRUS REGION
20	04	51	03.7	53.656	N	171.299	W	225		4.4	1.0	113	FOX ISLANDS, ALEUTIAN ISLANDS
20	05	50	01.1	51.704	N	16.140	E	5	G		0.9	13	POLAND. ML 3.5 (GRF).
20	06	10	02.1?	32.54	S	71.58	W	20	G		0.6	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
20	06	47	50.5*	31.740	N	132.034	E	33	N		1.4	9	SOUTHEAST OF SHIKOKU, JAPAN
20	06	58	52.7&	58.909	N	152.657	W	60				54	KODIAK ISLAND REGION. <AEIC>. ML 2.7 (AEIC).
20	09	39	37.8*	48.022	S	31.868	E	10	G	4.7	1.1	19	SOUTH OF AFRICA
20	11	38	11.3?	0.51	S	126.74	E	149	?	4.5	1.0	9	SOUTHERN MOLUCCA SEA
20	12	08	40.7?	12.98	N	91.02	W	33	N	4.3	1.0	12	OFF COAST OF CENTRAL AMERICA
20	12	55	14.6?	4.93	S	144.52	E	33	N	4.1	1.5	7	NEAR N COAST OF NEW GUINEA, PNG.
20	13	27	04.7&	62.152	N	151.234	W	79				72	CENTRAL ALASKA. <AEIC>.
20	14	05	39.1?	21.34	S	169.78	E	33	N	4.3	1.0	9	LOYALTY ISLANDS REGION
20	14	10	32.4*	9.847	N	126.441	E	33	N	4.3	1.0	18	MINDANAO, PHILIPPINE ISLANDS
20	14	19	05.0%	47.198	N	1.793	W	5	G		1.4	12	FRANCE. ML 2.7 (LDG).
20	14	20	26.8	4.914	S	129.153	E	254		4.7	1.0	22	BANDA SEA
20	15	00	02.6	42.808	N	17.815	E	10	G	4.5	1.3	164	ADRIATIC SEA. ML 4.6 (VIE), 4.5 (THE), 4.4 (ROM). Additional damage at Ston, Croatia. Felt in the Slano area, Croatia.
20	17	00	24.4*	8.051	N	126.823	E	33	N	4.2	1.3	16	MINDANAO, PHILIPPINE ISLANDS
20	17	02	43.8	36.796	N	21.583	E	33	N	4.0	0.7	16	SOUTHERN GREECE
20	17	52	58.5*	9.272	S	124.211	E	100	G	3.9	0.7	5	TIMOR REGION, INDONESIA
20	18	20	16.7?	17.48	S	179.19	W	600	G	4.4	0.7	14	FIJI ISLANDS REGION
20	18	43	55.8*	49.794	N	150.728	E	400	G		1.0	9	NORTHWEST OF KURIL ISLANDS
20	19	06	55.3	42.601	N	13.278	E	10	G	4.1	1.0	129	CENTRAL ITALY. ML 4.7 (VIE), 4.6 (STR), 4.2 (LDG). MD 4.0 (ROM).
20	19	17	38.9	36.825	N	21.571	E	33	N	4.0	0.7	30	SOUTHERN GREECE
20	19	20	46.7	0.309	N	126.411	E	55	*	4.9	0.9	25	NORTHERN MOLUCCA SEA
20	20	02	07.3?	10.03	N	126.59	E	33	N	4.3	0.6	10	PHILIPPINE ISLANDS REGION
20	20	31	17.3*	44.827	N	10.325	E	10	G		1.4	19	NORTHERN ITALY. MD 2.7 (ROM). ML 2.6 (LDG).
20	20	55	42.8?	10.41	N	60.82	W	50	G		0.3	6	TRINIDAD. MD 3.6 (TRN).
20	22	42	00.2*	22.022	N	143.389	E	250	G	3.8	1.1	11	VOLCANO ISLANDS REGION
20	22	55	58.6&	41.180	N	125.270	W	5				18	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 3.1 (BRK).
20	23	43	07.9%	45.322	N	6.528	E	5	G		0.8	7	FRANCE. ML 2.3 (LDG).
21	00	08	05.4?	50.98	N	168.94	W	33	N	3.6	1.0	5	SOUTH OF ALEUTIAN ISLANDS
21	00	33	11.9%	32.565	S	70.660	W	60	G		0.5	9	CHILE-ARGENTINA BORDER REGION
21	00	51	11.6	51.590	N	16.267	E	5	G		0.9	10	POLAND
21	01	11	57.5&	63.270	N	151.132	W	7				41	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
21	01	44	56.4%	45.261	N	6.551	E	5	G		1.0	6	FRANCE. ML 1.3 (LDG).
21	02	17	34.8	44.843	N	10.507	E	10	G		1.5	30	NORTHERN ITALY. ML 3.1 (VIE), 2.9 (LDG). MD 3.0 (ROM).
21	02	27	07.3&	61.389	N	151.505	W	80				32	SOUTHERN ALASKA. <AEIC>.
21	02	59	13.0*	8.020	N	126.871	E	33	N	4.6	1.2	23	MINDANAO, PHILIPPINE ISLANDS
21	03	20	21.4	12.650	N	40.446	E	33	N	4.8 4.3	0.9	103	ETHIOPIA
21	05	15	28.4?	14.66	S	167.12	E	150	G	4.4	1.1	23	VANUATU ISLANDS
21	06	00	48.6	34.458	N	32.300	E	33	N	5.0 4.3	1.0	151	CYPRUS REGION. ML 5.3 (JER).
21	08	18	12.9?	1.72	N	125.96	E	33	N	4.4	0.9	8	NORTHERN MOLUCCA SEA
21	08	30	29.8*	1.276	N	97.075	E	33	N		0.6	7	NORTHERN SUMATERA, INDONESIA
21	08	48	22.4%	36.556	N	4.445	W	100	G		0.6	16	STRAIT OF GIBRALTAR
21	08	59	39.2%	34.357	S	71.024	W	70	G		0.5	10	NEAR COAST OF CENTRAL CHILE
21	09	02	41.3	44.800	N	10.546	E	10	G		1.2	26	NORTHERN ITALY. ML 2.9 (LDG). MD 2.9 (ROM).
21	10	53	08.8?	34.49	S	70.46	W	120	G		0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
21	11	53	50.3?	5.31	S	154.56	E	100	G	4.4	0.8	11	SOLOMON ISLANDS
21	12	38	32.5?	20.78	S	178.64	W	600	G		0.5	6	FIJI ISLANDS REGION
21	13	51	39.5	42.549	N	109.270	W	5	G		0.7	10	WYOMING. ML 3.7 (GS).
21	14	46	33.8?	10.37	N	126.31	E	33	N	4.6	0.7	7	PHILIPPINE ISLANDS REGION
21	15	44	01.0*	51.530	N	178.817	W	33	N		0.8	6	ANDREANOF ISLANDS, ALEUTIAN IS.
21	15	59	44.1&	57.710	N	156.363	W	125				12	ALASKA PENINSULA. <AEIC>.
21	16	31	47.0&	61.340	N	150.910	W	52				15	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
21	16	42	18.5&	61.370	N	149.949	W	41				15	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
21	17	15	26.2*	18.471	N	121.326	E	33	N	4.5	0.5	8	LUZON, PHILIPPINE ISLANDS
21	17	54	07.3&	58.648	N	137.629	W	0				8	SOUTHEASTERN ALASKA. <AEIC>. ML 2.5 (AEIC).
21	19	33	01.3	19.231	S	177.350	W	500	G	5.1	1.1	115	FIJI ISLANDS REGION. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 19:33:13.8; Lat 19.08 S; Lon 177.40 W; Dep 591.4; Half-

duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.30, Plg=13, Azm=345; (N) Val=1.19, Plg=26, Azm=81; (P) Val=-3.49, Plg=61, Azm=230; Best double couple: Mo=2.9*10**17 Nm; NP1: Strike=45, Dip=39, Slip=-133; NP2: Strike=275, Dip=63, Slip=-61.

21	20	04	34.0*	12.621	S	114.833	E	10	G	4.5	1.5	11	NORTHWEST OF AUSTRALIA
21	20	06	49.3&	44.791	N	6.727	E	10	G		0.6	6	FRANCE. ML 1.8 (GEN).
21	20	30	12.0*	6.418	S	146.989	E	33	N	3.9	1.0	10	EASTERN NEW GUINEA REG., P.N.G.
21	22	23	35.2*	20.848	S	179.297	W	650	G	4.3	0.9	41	FIJI ISLANDS REGION
21	22	46	19.8*	13.179	N	144.959	E	54		4.5	0.9	18	MARIANA ISLANDS. Felt (V) by people in high-rise buildings at Agana and Tamuning; (IV) at Piti, Guam. Felt in much of central Guam.
21	23	32	19.3*	21.152	N	144.433	E	100	G	4.8	1.1	17	MARIANA ISLANDS REGION
22	00	59	28.6?	37.81	S	176.93	E	150	G	4.9	0.9	8	NORTH ISLAND, NEW ZEALAND
22	01	00	20.9&	59.205	N	153.915	W	106				80	SOUTHERN ALASKA. <AEIC>.
22	03	39	52.9	44.991	N	7.050	E	10	G		1.3	16	NORTHERN ITALY. ML 2.0 (GEN), 1.7 (LDG).
22	03	59	57.6&	58.975	N	153.218	W	79				88	KODIAK ISLAND REGION. <AEIC>.
22	04	10	20.7*	51.403	N	177.588	W	33	N	4.7	1.2	28	ANDREANOF ISLANDS, ALEUTIAN IS.
22	04	15	02.3	35.876	N	114.644	W	5	G		0.5	15	CALIFORNIA-NEVADA BORDER REGION. ML 3.7 (GS).
22	04	54	31.7?	0.93	N	123.79	E	33	N		1.5	7	MINAHASSA PENINSULA, SULAWESI
22	05	01	13.7	10.643	S	165.965	E	100	G	5.0	1.1	100	SANTA CRUZ ISLANDS
22	06	39	04.9&	36.307	N	70.872	E	33	N		0.2	8	HINDU KUSH REGION, AFGHANISTAN
22	06	48	09.4	36.783	N	21.517	E	33	N	4.3	1.2	127	SOUTHERN GREECE
22	07	02	05.1	35.972	N	70.943	E	108	D	4.6	0.9	54	HINDU KUSH REGION, AFGHANISTAN
22	08	28	47.8*	54.185	S	7.347	E	10	G	4.7	1.4	15	BOUVET ISLAND REGION
22	08	40	25.7*	1.730	N	98.141	E	44	D	4.9	1.2	17	NORTHERN SUMATERA, INDONESIA
22	08	59	34.7	51.596	N	16.301	E	5	G		0.6	12	POLAND. ML 3.0 (MOX), 2.8 (CLL).
22	08	59	57.4	22.751	S	174.936	W	53	D	4.9	0.9	56	TONGA ISLANDS REGION
22	09	34	46.7?	14.69	S	166.16	E	27	D	4.5	1.2	18	VANUATU ISLANDS
22	10	27	16.0	7.340	N	34.936	W	10	G	5.0 4.9	1.1	33	CENTRAL MID-ATLANTIC RIDGE. Mw 5.1 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 10:27:20.9; Lat 7.39 N; Lon 35.16 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.14, Plg=7, Azm=43; (N) Val=-0.67, Plg=81, Azm=181; (P) Val=-4.47, Plg=6, Azm=312; Best double couple: Mo=4.8*10**16 Nm; NP1: Strike=87, Dip=81, Slip=179; NP2: Strike=177, Dip=89, Slip=9.

22	10	51	25.0*	60.880	S	154.473	E	10	G	4.9	1.3	27	WEST OF MACQUARIE ISLAND. Mw 5.4 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 10:51:34.8; Lat 60.82 S; Lon 153.09 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.24, Plg=1, Azm=211; (N) Val=-0.01, Plg=66, Azm=302; (P) Val=-1.24, Plg=24, Azm=120; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=258, Dip=72, Slip=-163; NP2: Strike=163, Dip=74, Slip=-18.

22	11	03	46.6&	63.250	N	151.596	W	4				60	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC).
22	11	08	20.8*	22.118	S	171.137	E	100	G	4.9	1.0	20	LOYALTY ISLANDS REGION
22	11	55	03.0*	53.151	N	159.955	E	33	N	4.6	1.0	25	NEAR EAST COAST OF KAMCHATKA
22	12	09	09.6*	6.392	S	147.967	E	33	N	4.7	1.5	23	EASTERN NEW GUINEA REG., P.N.G.
22	12	16	41.8	44.711	N	10.549	E	10	G		1.4	20	NORTHERN ITALY. ML 3.3 (VIE), 2.9 (LDG). MD 2.7 (ROM).
22	13	11	05.3	52.451	N	175.733	W	102	D	4.6	1.0	74	ANDREANOF ISLANDS, ALEUTIAN IS.
22	14	11	00.3	35.723	N	137.674	E	33	*	4.2	1.3	18	EASTERN HONSHU, JAPAN
22	14	32	55.5*	34.110	N	141.810	E	10	G	4.3	1.1	14	OFF EAST COAST OF HONSHU, JAPAN
22	14	40	44.6&	64.050	N	149.540	W	142				32	CENTRAL ALASKA. <AEIC>.
22	15	24	51.2?	9.87	N	126.42	E	33	N		0.6	6	MINDANAO, PHILIPPINE ISLANDS
22	16	02	22.2&	39.432	N	51.957	E	33	N	4.3	0.5	12	CASPIAN SEA
22	16	29	34.4&	21.754	N	121.429	E	33	N		0.5	6	TAIWAN REGION
22	16	54	54.9?	0.22	N	119.79	E	33	N	4.0	1.2	9	MINAHASSA PENINSULA, SULAWESI
22	18	26	05.8	37.519	N	1.870	W	10	G		1.2	38	SPAIN. mbLg 3.9 (MDD). Felt (III) in the Lumbreras area.
22	19	26	26.2&	44.636	N	8.734	E	10	G		0.5	9	NORTHERN ITALY. ML 2.2 (GEN).
22	19	53	10.8?	5.19	S	154.43	E	33	N	4.4	0.9	12	SOLOMON ISLANDS
22	20	09	28.4	7.056	S	146.982	E	33	N	4.1	0.9	13	EASTERN NEW GUINEA REG., P.N.G.
22	20	37	21.0*	50.256	S	115.855	W	10	G	4.9 5.5	1.4	33	SOUTHERN EAST PACIFIC RISE. Mw 5.8 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 20:37:30.6; Lat 49.50 S; Lon 116.45 W; Dep 15.0 Fix; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=5.00, Plg=0, Azm=326; (N) Val=-0.41, Plg=84, Azm=231; (P) Val=-4.59, Plg=6, Azm=56; Best double couple: Mo=4.8*10**17 Nm; NP1: Strike=100, Dip=86, Slip=-4; NP2: Strike=191, Dip=86, Slip=-176.

22	21	46	55.2*	36.785	N	71.278	E	200	G		1.5	10	AFGHANISTAN-TAJIKISTAN HORD REG.
22	22	15	02.5&	63.347	N	145.359	W	4		5.7 5.4		475	CENTRAL ALASKA. <AEIC>. Mw 5.8 (GS), 5.8 (HRV). Me 5.6 (GS). ML 5.5 (AEIC). Felt (V) at Delta Junction, Eielson Air Force Base, Northway, Slana and Tanacross; (IV) at Border, Cantwell, Chitina, Copper Center, Dot Lake, Eagle, Gakona, Glennallen and Tok; (III) at Nenana; (II) at Anchorage. Felt strongly in much of central Alaska. Also felt at Beaver Creek, Yukon Territory, Canada.

Broadband Source Parameters (GS): Dep 8; NP1: Strike=240, Dip=45, Slip=60; NP2: Strike=99, Dip=52, Slip=117; Radiated energy 5.0*10**12 Nm.

Moment Tensor (GS): Dep 6; Principal axes (scale 10**17 Nm): (T) Val=5.50, Plg=86, Azm=57; (N) Val=0.15, Plg=4, Azm=271; (P) Val=-5.66, Plg=2, Azm=180; Best double couple: Mo=5.6*10**17 Nm; NP1: Strike=267, Dip=43, Slip=85; NP2: Strike=94, Dip=48, Slip=95.

Centroid, Moment Tensor (HRV): Centroid origin time 22:15:08.9; Lat 63.56 N; Lon 144.96 W; Dep 15.0 Fix; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=4.59, Plg=61, Azm=74; (N) Val=0.40, Plg=28, Azm=269; (P) Val=-4.99, Plg=6, Azm=176; Best double couple: Mo=4.8*10**17 Nm; NP1: Strike=238, Dip=46, Slip=49; NP2: Strike=109, Dip=57, Slip=125.

22	22	18	11.2&	63.329	N	145.383	W	5	G			5	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
22	22	28	52.2&	63.349	N	145.319	W	15				55	CENTRAL ALASKA. <AEIC>. ML 3.7 (AEIC).
22	22	33	50.4&	63.267	N	145.526	W	1				14	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
22	22	51	29.5*	9.135	S	123.900	E	33	N	4.5	1.3	13	TIMOR REGION, INDONESIA
22	23	21	26.7&	63.351	N	145.222	W	0				6	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
22	23	23	06.1&	63.324	N	145.331	W	4				26	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
22	23	48	10.8&	63.333	N	145.284	W	5				42	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC).
22	23	50	01.9&	63.316	N	145.384	W	4				19	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
22	23	54	47.2&	63.354	N	145.309	W	12				34	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
23	00	19	09.0&	63.331	N	145.324	W	7				19	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
23	00	48	49.0?	44.10	N	147.60	E	33	N		1.0	6	KURIL ISLANDS
23	01	01	57.2*	49.298	S	116.545	W	10	G	4.8 5.0	1.5	24	SOUTHERN EAST PACIFIC RISE. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:02:05.3; Lat 49.40 S; Lon 116.67 W; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.23, Plg=11, Azm=146; (N) Val=-0.06, Plg=72, Azm=275; (P) Val=-1.17, Plg=14, Azm=53; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=190, Dip=72, Slip=-179; NP2: Strike=99, Dip=89, Slip=-18.
23	01	02	25.2?	10.73	N	60.86	W	20	G		1.1	5	TRINIDAD. MD 3.2 (TRN).
23	01	04	17.6&	63.308	N	145.385	W	7				26	CENTRAL ALASKA. <AEIC>. ML 2.4 (AEIC).
23	01	50	06.4*	49.307	S	117.264	W	10	G	4.8 4.9	1.0	36	SOUTH PACIFIC OCEAN. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:50:12.3; Lat 49.62 S; Lon 116.61 W; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.13, Plg=0, Azm=135; (N) Val=0.21, Plg=90, Azm=180; (P) Val=-1.34, Plg=0, Azm=45; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=180, Dip=90, Slip=-180; NP2: Strike=270, Dip=90, Slip=0.
23	02	01	49.4	52.333	N	31.801	W	10	G	4.2 3.8	0.9	40	NORTHERN MID-ATLANTIC RIDGE
23	02	51	22.4*	7.131	S	129.441	E	167	?	4.2	1.4	11	BANDA SEA
23	03	13	40.8	37.622	N	141.536	E	85	D	4.8	1.0	30	NEAR EAST COAST OF HONSHU, JAPAN
23	03	19	28.3	43.971	N	7.535	E	10	G		1.0	16	NEAR SOUTH COAST OF FRANCE. ML 2.1 (GEN), 2.0 (LDG).
23	03	39	52.3&	46.246	N	2.114	E	10	G		0.7	10	FRANCE. ML 1.7 (LDG).
23	03	58	33.2&	63.347	N	145.307	W	5				51	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC).
23	04	15	27.6	44.805	N	10.421	E	10	G		1.0	31	NORTHERN ITALY. ML 3.0 (VIE), 2.9 (LDG). MD 2.8 (ROM).
23	05	00	30.6&	63.333	N	145.318	W	2				31	CENTRAL ALASKA. <AEIC>. ML 2.4 (AEIC).
23	05	21	45.1&	31.703	N	132.010	E	33	N		0.3	6	SOUTHEAST OF SHIKOKU, JAPAN
23	06	25	33.6?	51.38	N	178.41	W	33	N	4.4	0.3	8	ANDREANOF ISLANDS, ALEUTIAN IS.
23	06	57	12.4	44.768	N	111.213	W	5	G		0.6	16	HEBGEN LAKE REGION. ML 3.1 (BUT).
23	10	00	54.5&	63.325	N	145.330	W	5				39	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
23	10	18	55.0*	22.283	S	170.811	E	33	N	4.9 4.6	1.4	52	LOYALTY ISLANDS REGION. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 10:18:57.7; Lat 22.81 S; Lon 170.63 E; Dep 23.7; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.02, Plg=75, Azm=348; (N) Val=-0.45, Plg=9, Azm=112; (P) Val=-5.57, Plg=13, Azm=204; Best double couple: Mo=5.8*10**16 Nm; NP1: Strike=305, Dip=33, Slip=106; NP2: Strike=106, Dip=58, Slip=80.
23	10	19	58.1	51.470	N	6.462	E	5	G		0.8	6	GERMANY. ML 2.6 (DBN), 2.4 (UCC).
23	10	39	12.3*	13.757	N	146.658	E	33	N		0.4	8	SOUTH OF MARIANA ISLANDS
23	11	01	36.5&	63.462	N	151.021	W	5				67	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC).
23	11	12	14.9*	6.245	S	147.288	E	103		4.3	1.2	18	EASTERN NEW GUINEA REG., P.N.G.
23	11	27	53.0	9.953	N	126.195	E	33	N	5.2 4.9	1.0	71	MINDANAO, PHILIPPINE ISLANDS. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 11:27:57.3; Lat 10.03 N; Lon 126.64 E; Dep 21.0 Bdy; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.33, Plg=74, Azm=319; (N) Val=0.19, Plg=10, Azm=190; (P) Val=-2.53, Plg=12, Azm=98; Best double couple: Mo=2.4*10**17 Nm; NP1: Strike=175, Dip=34, Slip=72; NP2: Strike=17, Dip=58, Slip=102.
23	11	34	40.9	9.970	N	126.185	E	33	N	5.0	0.7	32	MINDANAO, PHILIPPINE ISLANDS
23	11	46	56.4*	51.287	N	15.663	E	5	G		1.5	7	POLAND. ML 2.9 (MOX), 2.5 (CLL).
23	12	01	04.0&	59.770	N	152.283	W	68				65	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
23	12	05	49.7	44.650	N	149.461	E	33	N	5.5 4.7	0.9	237	KURIL ISLANDS
23	12	07	27.5?	36.22	N	21.78	E	33	N	4.0	1.6	16	SOUTHERN GREECE. ML 4.3 (ROM).
23	12	41	05.2	34.151	N	139.200	E	18		3.9	0.9	26	NEAR S. COAST OF HONSHU, JAPAN
23	12	41	10.7&	36.859	N	121.594	W	8				31	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.9 (GS).
23	12	43	26.3	9.931	N	126.141	E	33	N	4.8	1.0	40	MINDANAO, PHILIPPINE ISLANDS
23	13	53	14.2&	62.880	N	150.610	W	94				38	CENTRAL ALASKA. <AEIC>.
23	13	53	35.9?	21.96	S	170.26	E	33	N	4.1	1.3	12	LOYALTY ISLANDS REGION
23	14	20	25.8?	16.84	S	178.82	W	400	G	4.4	0.9	17	FIJI ISLANDS REGION
23	14	59	28.3*	37.650	N	21.054	E	33	N		1.2	11	SOUTHERN GREECE
23	15	18	05.9	9.912	N	126.016	E	33	N	4.7	1.0	45	MINDANAO, PHILIPPINE ISLANDS
23	16	17	34.2	51.533	N	177.197	W	42	D	4.7	1.2	54	ANDREANOF ISLANDS, ALEUTIAN IS.
23	16	27	46.7*	34.097	N	139.184	E	24	*		1.1	21	NEAR S. COAST OF HONSHU, JAPAN
23	16	32	13.7	34.081	N	139.232	E	4		3.9	0.9	27	NEAR S. COAST OF HONSHU, JAPAN
23	16	58	49.7?	4.58	S	143.82	E	100	G	4.0	0.6	8	NEW GUINEA, PAPUA NEW GUINEA
23	17	40	48.6&	63.311	N	145.256	W	8				47	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC).
23	17	53	50.4*	5.483	S	147.225	E	150	G	4.7	1.0	21	EASTERN NEW GUINEA REG., P.N.G.
23	18	23	35.0*	16.811	S	128.614	E	10	G		1.4	9	WESTERN AUSTRALIA
23	18	41	13.2&	63.650	N	149.880	W	140				57	CENTRAL ALASKA. <AEIC>.
23	19	13	56.4*	9.867	N	126.191	E	33	N	4.8	1.2	23	MINDANAO, PHILIPPINE ISLANDS
23	19	20	33.9*	40.395	N	73.581	E	100	G	3.9	1.3	16	KYRGYZSTAN
23	19	45	43.8	8.628	S	74.409	W	200	G	4.2	0.6	20	PERU-BRAZIL BORDER REGION
23	19	52	25.7&	37.118	N	3.643	W	10	G		0.4	6	SPAIN. mbLg 2.1 (MDD).
23	20	08	29.0&	63.265	N	151.160	W	9				34	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC).
23	20	39	11.3*	1.683	N	127.890	E	100	G	4.2	0.8	8	HALMAHERA, INDONESIA
23	20	41	39.0*	77.119	N	125.524	E	30	D	3.6	0.8	10	LAPTEV SEA
23	21	27	42.2&	60.966	N	150.941	W	15				39	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
23	22	09	29.3&	34.481	N	119.353	W	15				94	SOUTHERN CALIFORNIA. <PAS-P>. MD 4.2 (PAS). ML 4.3 (GS). Felt at Ojai and in the Santa Barbara area.
23	22	27	18.3&	34.495	N	119.372	W	15				30	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS). ML 2.8 (GS).

23	22	33	02.1*	9.873	N	125.902	E	33	N	4.5	1.1	26	MINDANAO, PHILIPPINE ISLANDS
23	22	49	49.0*	17.706	N	122.356	E	33	N	4.3 3.8	0.2	7	LUZON, PHILIPPINE ISLANDS
23	23	18	19.7&	34.480	N	119.367	W	15				58	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.6 (PAS). ML 3.5 (GS). Felt at Ojai.
23	23	23	26.7&	63.344	N	145.345	W	3				28	CENTRAL ALASKA. <AEIC>. ML 2.4 (AEIC).
23	23	25	22.6&	45.350	N	6.508	E	5	G		1.3	9	FRANCE. ML 2.0 (LDG).
24	00	05	42.4*	30.522	N	131.404	E	33	N		1.1	8	KYUSHU, JAPAN
24	00	18	20.7?	22.42	S	170.79	E	33	N	4.5	1.3	22	LOYALTY ISLANDS REGION
24	00	52	28.6?	6.78	S	130.55	E	75	?	4.1	1.0	11	BANDA SEA
24	01	07	43.3*	5.449	S	147.082	E	203		4.8	0.9	17	EASTERN NEW GUINEA REG., P.N.G.
24	01	44	18.2	55.554	N	161.012	E	100	G	4.4	0.7	37	NEAR EAST COAST OF KAMCHATKA
24	02	14	05.9	34.142	N	139.048	E	33	N		0.9	13	NEAR S. COAST OF HONSHU, JAPAN
24	02	14	56.8	34.213	N	139.061	E	34	D	4.8	1.0	75	NEAR S. COAST OF HONSHU, JAPAN
24	02	39	20.1&	47.857	N	7.586	E	10	G		0.3	5	SWITZERLAND. ML 1.8 (LDG).
24	02	40	37.1?	45.36	N	6.42	E	5	G		0.1	4	FRANCE. ML 1.4 (LDG).
24	02	47	48.0	55.480	N	142.552	W	10	G	4.4	0.8	71	GULF OF ALASKA. ML 4.7 (AEIC).
24	03	19	01.4	36.804	N	21.493	E	33	N	4.4	1.1	126	SOUTHERN GREECE
24	03	19	06.3	25.743	N	142.765	E	33	N	4.9	1.1	46	VOLCANO ISLANDS REGION
24	03	48	08.3?	37.50	N	21.68	E	33	N	4.2	1.1	11	SOUTHERN GREECE
24	04	13	41.7&	36.189	N	139.801	E	10	G		0.3	5	EASTERN HONSHU, JAPAN
24	04	46	36.3*	20.275	S	178.469	W	600	G	4.9	0.8	25	FIJI ISLANDS REGION
24	05	18	39.8?	53.54	N	160.83	E	33	N		1.0	8	NEAR EAST COAST OF KAMCHATKA
24	05	21	11.0&	61.875	N	150.705	W	54				62	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
24	07	05	26.2&	63.356	N	145.256	W	8				21	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
24	07	56	25.9?	34.11	N	139.04	E	33	N		0.7	5	NEAR S. COAST OF HONSHU, JAPAN
24	08	14	21.7?	15.24	S	175.86	W	33	N	4.5	0.5	8	TONGA ISLANDS
24	08	36	43.3	39.671	N	144.637	E	33	N		0.6	12	OFF EAST COAST OF HONSHU, JAPAN
24	08	48	31.5?	5.49	S	129.00	E	244	?	4.3	1.0	10	BANDA SEA
24	09	56	41.1*	7.186	N	93.511	E	110	?	4.5	1.2	25	NICOBAR ISLANDS, INDIA
24	10	08	54.9*	50.736	N	173.684	E	33	N	4.5	1.2	36	SOUTH OF ALEUTIAN ISLANDS
24	10	23	56.5	51.321	N	178.489	W	33	N	5.2	0.9	225	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 10:23:58.7; Lat 51.26 N; Lon 178.28 W; Dep 36.6; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.17, Plg=59, Azm=295; (N) Val=0.72, Plg=12, Azm=45; (P) Val=-7.89, Plg=28, Azm=141; Best double couple: Mo=7.5*10**16 Nm; NP1: Strike=259, Dip=20, Slip=126; NP2: Strike=42, Dip=74, Slip=78.
24	10	26	01.2*	21.763	S	175.326	W	33	N	4.7	1.3	21	TONGA ISLANDS
24	10	47	33.8*	30.945	N	57.230	E	33	N	4.3	0.5	15	NORTHERN IRAN
24	11	03	16.9&	63.359	N	145.278	W	8				42	CENTRAL ALASKA. <AEIC>. ML 3.2 (AEIC).
24	12	49	05.3&	63.354	N	145.260	W	8				28	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
24	13	44	41.1&	63.335	N	145.293	W	5				55	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC).
24	13	58	34.2*	31.026	S	179.925	E	445	?	4.4	1.1	41	KERMADEC ISLANDS REGION
24	14	19	34.4*	29.620	S	75.195	E	10	G	4.6	1.4	15	MID-INDIAN RIDGE
24	14	24	17.3*	49.595	S	116.581	W	10	G	4.6	0.9	17	SOUTHERN EAST PACIFIC RISE
24	14	41	31.2?	7.56	N	74.96	W	33	N		0.9	11	NORTHERN COLOMBIA
24	15	04	43.4?	23.20	N	143.69	E	33	N		0.7	7	VOLCANO ISLANDS REGION
24	15	07	11.1*	13.704	N	146.569	E	33	N	4.3	1.2	12	SOUTH OF MARIANA ISLANDS
24	15	09	09.7	35.307	N	28.206	E	33	N		1.0	16	EASTERN MEDITERRANEAN SEA
24	15	29	22.7*	51.448	N	168.540	W	33	N		1.1	10	FOX ISLANDS, ALEUTIAN ISLANDS
24	16	10	32.8	34.124	N	139.166	E	33	N		1.0	15	NEAR S. COAST OF HONSHU, JAPAN
24	16	15	07.1&	61.598	N	150.008	W	38				63	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
24	16	32	50.8&	40.420	N	125.042	W	2				23	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM).
24	17	59	19.3*	7.076	S	155.837	E	127	?	4.8	1.0	35	SOLOMON ISLANDS
24	18	13	08.4?	5.89	S	146.41	E	200	G	4.5	0.6	6	EASTERN NEW GUINEA REG., P.N.G.
24	18	18	52.8&	59.961	N	153.490	W	127				106	SOUTHERN ALASKA. <AEIC>.
24	19	22	58.6?	34.63	S	71.14	W	70	G		0.4	9	NEAR COAST OF CENTRAL CHILE. MD 2.3 (SAN).
24	19	31	53.9	66.986	N	173.229	W	20	G	6.0 5.9	1.0	411	NEAR N. COAST OF EASTERN SIBERIA. Mw 6.1 (HRV), 6.1 (OBN), 6.0 (GS). Me 6.0 (GS). Ms 5.7 (BRK). Felt (III) at Egvekinot and Provideniya. Broadband Source Parameters (GS): Dep 19; NP1: Strike=255, Dip=65, Slip=-145; NP2: Strike=149, Dip=59, Slip=-30; Radiated energy 2.2*10**13 Nm. Moment Tensor (GS): Dep 18; Principal axes (scale 10**18 Nm): (T) Val=1.23, Plg=9, Azm=21; (N) Val=-0.06, Plg=41, Azm=283; (P) Val=-1.17, Plg=47, Azm=121; Best double couple: Mo=1.2*10**18 Nm; NP1: Strike=149, Dip=51, Slip=-31; NP2: Strike=260, Dip=66, Slip=-136. Centroid, Moment Tensor (HRV): Centroid origin time 19:31:58.3; Lat 67.02 N; Lon 172.95 W; Dep 17.0 Bdy; Half-duration 2.7 sec; Principal axes (scale 10**18 Nm): (T) Val=1.59, Plg=7, Azm=9; (N) Val=-0.15, Plg=38, Azm=273; (P) Val=-1.44, Plg=51, Azm=108; Best double couple: Mo=1.5*10**18 Nm; NP1: Strike=134, Dip=50, Slip=-36; NP2: Strike=249, Dip=63, Slip=-134. Scalar Moment (OBN): Mo=1.8*10**18 Nm. Scalar Moment (PPT): Mo=2.2*10**18 Nm.
24	19	42	22.9	66.742	N	172.688	W	20	G	4.5	0.9	25	NEAR N. COAST OF EASTERN SIBERIA
24	20	06	47.1*	44.526	N	10.286	E	10	G		0.5	8	NORTHERN ITALY. MD 2.5 (ROM). ML 2.3 (LDG).
24	20	18	17.9&	13.126	N	89.750	W	33	N		0.2	10	EL SALVADOR. MD 3.0 (SSS). Felt (II) at San Salvador.
24	21	06	56.1&	63.361	N	145.242	W	5				23	CENTRAL ALASKA. <AEIC>. ML 2.4 (AEIC).
24	21	16	54.4?	2.80	S	139.84	E	33	N	3.8	1.5	7	NEAR NORTH COAST OF IRIAN JAYA
24	21	19	53.9?	34.51	S	70.57	W	110	G		0.2	8	CHILE-ARGENTINA BORDER REGION. MD 2.2 (SAN).
24	21	25	07.2*	3.767	S	138.430	E	86	?	4.6	1.0	15	IRIAN JAYA, INDONESIA
24	21	49	32.6?	44.39	N	140.98	E	265	*		1.1	11	EASTERN SEA OF JAPAN
24	21	57	37.2	67.081	N	173.309	W	18	D	5.0 4.6	0.9	138	NEAR N. COAST OF EASTERN SIBERIA
24	22	14	38.6&	59.992	N	152.812	W	94				53	SOUTHERN ALASKA. <AEIC>.
24	23	17	23.0?	59.87	S	27.98	W	100	G		1.5	13	SOUTH SANDWICH ISLANDS REGION
24	23	48	04.2&	43.844	N	7.663	E	5	G		0.8	9	NEAR SOUTH COAST OF FRANCE. ML 1.8 (LDG).
25	00	04	16.4	67.014	N	173.232	W	26	D	5.0 4.6	1.0	77	NEAR N. COAST OF EASTERN SIBERIA
25	00	45	01.9	38.092	N	72.839	E	33	N	4.8	1.0	56	TAJIKISTAN
25	00	55	21.9&	65.970	N	150.907	W	59				32	NORTHERN ALASKA. <AEIC>. ML 3.6 (AEIC), 3.9 (PMR).

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25  01 26 31.2& 38.794 N  122.749 W    3                        35  NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.3 (GS), 3.2
                                                                    (BRK).
25  01 37 05.6% 34.305 S   70.292 W   10 G          0.4        10  CHILE-ARGENTINA BORDER REGION. MD 3.0 (SAN).
25  02 17 21.3& 63.350 N  145.234 W    3                        29  CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
25  03 03 26.7? 25.66  N  142.01  E   33 N  4.4       1.4        10  VOLCANO ISLANDS REGION
25  03 25 17.7  35.408 N  138.952 E   49     4.8       1.0        78  EASTERN HONSHU, JAPAN. Felt at Yokohama.
25  03 41 18.7* 10.230 N  126.051 E   33 N  4.9       1.1        27  PHILIPPINE ISLANDS REGION
25  05 48 25.8& 34.479 N  119.363 W   15                          54  SOUTHERN CALIFORNIA. <PAS-P>. MD 3.5 (PAS). ML 3.6 (GS).
                                                                    Felt at Ojai.
25  06 13 10.5% 44.510 N    6.836 E    5 G          0.4        10  FRANCE. ML 2.1 (GEN).
25  07 14 57.3  22.012 S  174.170 W   33 N  5.3 4.6  0.8       105  TONGA ISLANDS REGION. Mw 5.2 (HRV).
                                                                    Centroid, Moment Tensor (HRV): Centroid origin time
                                                                     07:15:02.2; Lat 22.14 S; Lon 174.03 W; Dep 55.8; Half-
                                                                     duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                     Val=7.23, Plg=83, Azm=296; (N) Val=-1.18, Plg=2, Azm=192;
                                                                     (P) Val=-6.05, Plg=6, Azm=102; Best double couple:
                                                                     Mo=6.6*10**16 Nm; NP1: Strike=190, Dip=39, Slip=87; NP2:
                                                                     Strike=13, Dip=51, Slip=92.
25  07 27 20.8   3.797 S  140.248 E   55     4.6       0.5        17  IRIAN JAYA, INDONESIA
25  08 37 07.7  45.325 N    6.518 E    5 G          0.7        34  FRANCE. ML 3.0 (LDG), 2.7 (STR).
25  08 54 33.3% 33.763 S   71.026 W   70 G          0.3        10  NEAR COAST OF CENTRAL CHILE. MD 2.6 (SAN).
25  10 28 15.1? 38.97  S  175.78  E   33 N  4.5       0.8        12  NORTH ISLAND, NEW ZEALAND
25  10 50 13.1? 29.45  S  177.67  W   33 N  4.2       1.1         9  KERMADEC ISLANDS, NEW ZEALAND
25  11 00 10.4% 13.400 N   57.378 E   10 G          0.8         7  ARABIAN SEA
25  11 39 01.9  11.772 N  125.967 E   33 N  4.8       1.2        42  SAMAR, PHILIPPINE ISLANDS
25  11 51 32.1& 34.139 N  116.407 W    4                        27  SOUTHERN CALIFORNIA. <PAS-P>. MD 3.4 (PAS). ML 3.3 (GS).
                                                                    Felt at Ojai.
25  12 06 17.0  35.347 N  139.027 E   33 N  4.2       1.2        27  NEAR S. COAST OF HONSHU, JAPAN
25  12 09 58.6  25.657 N  142.837 E   33 N  4.5       0.9        25  VOLCANO ISLANDS REGION
25  12 34 01.8* 10.025 N  126.277 E   33 N  4.5       0.7        15  PHILIPPINE ISLANDS REGION
25  12 39 39.1* 12.457 N  142.926 E   33 N  4.6 4.2   1.1        20  SOUTH OF MARIANA ISLANDS
25  12 44 52.2? 45.33  N    6.55  E   10 G          0.1         5  FRANCE
25  13 07 37.9? 0.56   N  128.08  E   33 N  4.8       1.6        11  HALMAHERA, INDONESIA
25  13 26 05.4? 25.03  S  179.90  W  500 G  4.2       1.2        16  SOUTH OF FIJI ISLANDS
25  13 32 45.3? 6.36   S  151.10  E   33 N  3.9       1.2         8  NEW BRITAIN REGION, P.N.G.
25  14 35 48.5& 63.321 N  145.302 W    3                        32  CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
25  15 22 50.7* 51.462 N  174.110 W   33 N          0.7        10  ANDREANOF ISLANDS, ALEUTIAN IS.
25  16 05 13.8* 20.065 S   67.342 E   10 G  4.8       1.3        19  MID-INDIAN RIDGE
25  16 18 39.0? 31.17  S  179.21  W  500 G  4.1       1.2        13  KERMADEC ISLANDS REGION
25  16 47 53.1* 35.404 N  138.786 E   52 ?          0.8         8  EASTERN HONSHU, JAPAN
25  17 22 08.8* 28.284 N   94.861 E   33 N          0.9         9  EASTERN XIZANG-INDIA BORDER REG.
25  17 31 08.3% 42.397 N    7.293 E   33 N          0.9        11  WESTERN MEDITERRANEAN SEA. ML 2.4 (LDG).
25  18 31 26.3? 25.38  N   91.76  E   61 *  3.8       1.4        10  INDIA-BANGLADESH BORDER REGION
25  19 59 41.1  17.378 S   69.989 W  116 D  5.5       1.2       273  PERU-BOLIVIA BORDER REGION. Mw 5.7 (HRV), 5.6 (GS). Felt (V)
                                                                     at Ilo and Moquegua; (IV) at Tacna; (III) at Arequipa and
                                                                     Tarata; (II) at Mollendo, Peru. Also felt (IV) at Iquique,
                                                                     Chile.
                                                                    Moment Tensor (GS): Dep 121; Principal axes (scale 10**17
                                                                     Nm): (T) Val=2.55, Plg=31, Azm=76; (N) Val=0.00, Plg=1,
                                                                     Azm=167; (P) Val=-2.55, Plg=59, Azm=258; Best double
                                                                     couple: Mo=2.5*10**17 Nm; NP1: Strike=163, Dip=14,
                                                                     Slip=-94; NP2: Strike=347, Dip=76, Slip=-89.
                                                                    Centroid, Moment Tensor (HRV): Centroid origin time
                                                                     19:59:47.4; Lat 17.35 S; Lon 70.28 W; Dep 127.3; Half-
                                                                     duration 1.6 sec; Principal axes (scale 10**17 Nm): (T)
                                                                     Val=3.99, Plg=27, Azm=73; (N) Val=-0.90, Plg=15, Azm=335;
                                                                     (P) Val=-3.10, Plg=59, Azm=219; Best double couple:
                                                                     Mo=3.5*10**17 Nm; NP1: Strike=196, Dip=23, Slip=-47; NP2:
                                                                     Strike=331, Dip=73, Slip=-106.
25  20 08 12.7? 33.27  S   69.26  W    5 G          0.6         9  CHILE-ARGENTINA BORDER REGION
25  20 48 46.4* 12.516 N  142.825 E   33 N  4.7       0.9        12  SOUTH OF MARIANA ISLANDS
25  20 49 54.6* 44.827 N   10.614 E   20 G          1.5        19  NORTHERN ITALY. MD 2.8 (ROM). ML 2.7 (LDG).
25  21 15 38.8* 9.947  N  126.051 E   33 N          0.9        11  MINDANAO, PHILIPPINE ISLANDS
25  21 23 37.9& 63.362 N  145.290 W    9                        81  CENTRAL ALASKA. <AEIC>. ML 3.7 (AEIC), 4.1 (PMR).
25  21 51 46.3   0.268 N  122.465 E  177 D  5.0       1.3        49  MINAHASSA PENINSULA, SULAWESI
25  22 34 57.5? 52.73  N  158.77  E   33 N  4.3       0.9        19  NEAR EAST COAST OF KAMCHATKA
25  22 35 09.8& 63.349 N  145.294 W    4                        30  CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC).
26  00 07 27.3? 7.03   S  155.55  E   33 N  4.0       1.1        13  SOLOMON ISLANDS
26  00 44 39.7% 43.810 N    7.849 E    5 G          0.2         5  NEAR SOUTH COAST OF FRANCE. ML 1.6 (LDG).
26  00 49 27.8* 6.415  S  130.273 E  100 G  4.4       1.1        12  BANDA SEA
26  02 00 47.7& 63.340 N  145.328 W    3                        63  CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).
26  02 11 03.3* 51.097 N  179.567 E   33 N  4.4       1.3        16  RAT ISLANDS, ALEUTIAN ISLANDS
26  02 44 46.2  44.378 N   12.277 E   10 G          0.7        17  NORTHERN ITALY. MD 3.2 (ROM). ML 2.7 (LDG).
26  03 11 37.4* 25.621 N  143.201 E   33 N  4.7       0.8        13  VOLCANO ISLANDS REGION
26  03 58 03.4* 36.682 N   22.711 E   10 G  3.5       0.9        17  SOUTHERN GREECE
26  04 17 09.9? 28.30  N  103.52  E   10 G          1.1         5  SICHUAN, CHINA
26  04 56 55.2  44.851 N   10.694 E   10 G          1.2       106  NORTHERN ITALY. ML 4.0 (GRF), 3.9 (STR), 3.9 (VIE), 3.8
                                                                     (LDG), 3.6 (FUR). MD 3.6 (ROM). Felt (V) at Bagnolo in
                                                                     Piano, Correggio and Novellara.
26  05 15 11.6  44.851 N   10.761 E   10 G          0.9        14  NORTHERN ITALY. ML 3.0 (LDG), 2.7 (VIE). MD 2.7 (ROM).
26  05 40 58.7? 17.68  S  178.17  W  500 G  4.4       0.7        14  FIJI ISLANDS REGION
26  06 10 11.7? 33.71  S   72.07  W   20 G          0.4        11  OFF COAST OF CENTRAL CHILE. MD 4.5 (SAN).
26  06 50 31.7  44.858 N   10.812 E   10 G          0.7        30  NORTHERN ITALY. ML 3.8 (STR), 3.5 (LDG). MD 3.5 (ROM).
26  06 59 04.8* 44.782 N   10.581 E   10 G          1.3         9  NORTHERN ITALY. ML 2.8 (LDG), 2.5 (VIE). MD 2.5 (ROM).
26  07 08 25.3   6.860 N   72.921 W  150 G  4.5       0.9        28  NORTHERN COLOMBIA
26  07 16 37.0  44.788 N   10.623 E   10 G          1.1        25  NORTHERN ITALY. ML 3.1 (LDG), 2.9 (VIE). MD 2.8 (ROM).
26  07 33 28.0% 44.969 N    5.540 E    5 G          0.3         6  FRANCE. ML 1.6 (LDG).
26  07 43 25.2* 30.449 N  131.226 E   33 N          1.4         7  KYUSHU, JAPAN
26  07 47 55.5? 44.95  N    5.52  E   10 G          0.2         4  FRANCE. ML 1.3 (LDG).
26  07 50 02.5% 24.049 N  121.994 E   33 N          0.9         8  TAIWAN
26  08 17 15.3  36.041 N  139.663 E  101     4.8       0.8        21  EASTERN HONSHU, JAPAN
26  08 54 33.6  33.925 S  118.206 E   10 G  3.7       1.2        13  WESTERN AUSTRALIA
26  09 34 59.0? 0.42   S  124.23  E  100 G  4.2       1.5        14  SOUTHERN MOLUCCA SEA
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26	10	13	00.7?	7.08	S	130.93	E	33	N	3.8	1.3	6	TANIMBAR ISLANDS REG., INDONESIA
26	10	25	50.1	32.817	S	68.882	W	33	N	4.4	0.9	26	MENDOZA PROVINCE, ARGENTINA. MD 5.0 (SAN). Felt (V) at Barrancas.
26	11	17	37.3?	8.86	S	128.09	E	150	G	4.1	1.3	7	TIMOR SEA
26	11	58	09.9?	37.13	N	3.85	W	10	G		0.7	4	SPAIN. mbLg 2.1 (MDD).
26	12	01	05.3	5.998	S	149.038	E	33	N	4.8	1.0	29	NEW BRITAIN REGION, P.N.G.
26	12	25	34.9	42.598	N	0.218	E	10	G		1.0	56	PYRENEES. mbLg 3.7 (MDD). ML 3.6 (LDG), 3.4 (STR).
26	12	48	38.5&	33.905	S	71.475	W	50	G		0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.1 (SAN).
26	12	55	16.3&	61.392	N	151.718	W	92				61	SOUTHERN ALASKA. <AEIC>.
26	12	57	39.7?	52.86	S	141.62	E	10	G	4.6	0.9	9	WEST OF MACQUARIE ISLAND
26	13	08	44.4&	63.350	N	145.283	W	2				46	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC).
26	14	03	51.7*	51.733	N	172.631	W	33	N	4.4	1.1	28	ANDREANOF ISLANDS, ALEUTIAN IS.
26	14	17	53.8*	10.830	S	161.889	E	70	G	4.3	1.1	22	SOLOMON ISLANDS
26	14	34	34.2*	39.020	N	143.414	E	33	N		0.8	13	OFF EAST COAST OF HONSHU, JAPAN
26	15	04	45.8?	6.06	S	130.38	E	100	G	4.0	1.3	6	BANDA SEA
26	15	10	27.0?	31.90	S	71.74	W	33	N		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
26	15	29	11.2	39.673	N	144.605	E	33	N		0.9	15	OFF EAST COAST OF HONSHU, JAPAN
26	15	58	33.3&	59.938	N	148.754	W	0				63	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC).
26	16	21	58.5	44.226	N	6.834	E	10	G		0.7	42	FRANCE. ML 2.9 (LDG), 2.8 (GEN), 2.6 (STR).
26	16	31	21.2&	10.987	N	61.374	W	10	G		0.6	7	TRINIDAD. MD 3.0 (TRN).
26	16	36	07.3*	36.445	N	70.722	E	300	G	4.3	0.6	11	HINDU KUSH REGION, AFGHANISTAN
26	16	42	13.6*	48.422	S	31.251	E	10	G	4.6	0.9	9	SOUTH OF AFRICA
26	17	11	46.7&	44.356	N	7.314	E	10	G		0.4	6	NORTHERN ITALY. ML 1.9 (GEN).
26	17	50	25.3&	32.728	N	93.101	E	33	N		0.8	9	XIZANG
26	18	15	35.2*	6.775	S	147.657	E	70	G	3.8	0.4	6	EASTERN NEW GUINEA REG., P.N.G.
26	18	57	19.2	44.764	N	10.639	E	10	G		1.0	33	NORTHERN ITALY. ML 3.2 (LDG), 3.2 (VIE). MD 3.1 (ROM).
26	19	31	26.9	44.203	N	6.808	E	10	G		0.3	16	FRANCE. ML 2.0 (LDG).
26	19	46	30.8&	63.334	N	145.382	W	6				20	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
26	19	55	18.1*	36.402	N	70.891	E	250	G		0.6	9	HINDU KUSH REGION, AFGHANISTAN
26	20	05	34.0	63.966	N	130.207	W	10	G	4.6	1.1	40	SOUTHERN YUKON TERRITORY, CANADA. ML 4.7 (PGC).
26	21	09	42.1	0.439	N	125.989	E	63	*	4.8	1.1	31	NORTHERN MOLUCCA SEA
26	21	11	26.8	44.809	N	7.659	E	10	G		1.0	20	NORTHERN ITALY. ML 2.5 (GEN), 1.8 (LDG).
26	21	14	00.6*	4.563	S	139.078	E	33	N	4.5	0.8	8	IRIAN JAYA, INDONESIA
26	21	21	23.9	44.816	N	7.650	E	10	G		0.9	22	NORTHERN ITALY. ML 2.4 (GEN), 2.1 (LDG).
26	21	47	30.3&	38.761	N	119.634	W	5				11	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
26	22	01	50.2&	63.345	N	145.224	W	8				36	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
26	23	33	35.4&	63.328	N	145.318	W	4				66	CENTRAL ALASKA. <AEIC>. ML 3.7 (AEIC), 4.0 (PMR).
27	01	15	15.9*	39.014	N	142.911	E	33	N		0.5	10	NEAR EAST COAST OF HONSHU, JAPAN
27	01	15	39.1?	6.58	S	132.05	E	60	G	4.1	1.3	6	TANIMBAR ISLANDS REG., INDONESIA
27	01	41	51.2*	30.714	N	50.010	E	33	N		0.8	11	NORTHERN IRAN
27	01	54	10.4	30.051	N	94.980	E	33	N	4.5	0.8	31	XIZANG
27	02	15	55.0?	0.50	N	120.58	E	33	N	4.4	0.5	12	MINAHASSA PENINSULA, SULAWESI
27	02	43	50.2*	12.383	S	77.086	W	33	N	4.4	0.8	16	NEAR COAST OF PERU
27	03	10	46.3&	63.343	N	145.330	W	4				31	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
27	03	47	38.1?	50.04	S	126.08	E	10	G	4.1	0.9	9	SOUTH OF AUSTRALIA
27	04	12	04.5?	32.14	S	71.50	W	33	N		0.2	9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
27	04	20	35.4&	45.022	N	5.711	E	10	G		0.9	6	FRANCE. ML 1.3 (LDG).
27	04	34	57.4	24.268	S	67.155	W	164	*	4.1	0.7	20	CHILE-ARGENTINA BORDER REGION
27	04	38	16.5?	36.45	N	141.74	E	10	G		0.3	6	NEAR EAST COAST OF HONSHU, JAPAN
27	05	03	44.2*	3.686	N	126.710	E	33	N	4.5	0.9	24	TALAUD ISLANDS, INDONESIA
27	05	35	58.9?	6.50	S	146.19	E	150	G	4.4	0.5	9	EASTERN NEW GUINEA REG., P.N.G.
27	06	08	53.6&	33.555	S	70.846	W	70	G		0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
27	07	20	06.5	45.445	N	150.257	E	33	N	4.7	0.9	50	KURIL ISLANDS
27	08	59	21.2*	17.489	S	178.780	W	600	G	4.6	0.6	21	FIJI ISLANDS REGION
27	09	19	03.0&	40.401	N	125.070	W	4				25	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.1 (GS).
27	09	28	03.6?	19.86	S	178.10	W	500	G	4.0	0.8	14	FIJI ISLANDS REGION
27	09	29	46.7?	32.11	S	71.47	W	40	G		0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
27	10	11	03.9	44.356	N	7.285	E	10	G		0.6	17	NORTHERN ITALY. ML 2.2 (GEN), 1.9 (LDG).
27	13	07	13.7*	51.246	N	177.198	W	33	N	4.6	1.4	26	ANDREANOF ISLANDS, ALEUTIAN IS.
27	13	14	54.0*	6.212	S	123.214	E	33	N	4.4	0.9	10	BANDA SEA
27	13	53	20.5	45.217	N	7.479	E	10	G		0.9	23	NORTHERN ITALY. ML 2.7 (GEN), 2.4 (LDG).
27	14	08	23.9*	6.949	N	72.870	W	150	G		1.3	8	NORTHERN COLOMBIA
27	14	12	15.5*	50.772	N	16.058	E	10	G		0.6	5	POLAND. ML 2.4 (MOX).
27	14	24	12.3	44.766	N	10.553	E	10	G		0.9	21	NORTHERN ITALY. ML 3.3 (LDG), 3.2 (VIE).
27	16	25	58.1	3.255	S	134.550	E	33	N	4.6	0.9	21	IRIAN JAYA REGION, INDONESIA
27	16	27	26.2*	34.174	N	139.288	E	33	N		1.4	11	NEAR S. COAST OF HONSHU, JAPAN
27	16	29	19.9	11.984	N	142.947	E	33	N	5.0	1.0	29	SOUTH OF MARIANA ISLANDS
27	16	36	50.3	34.221	N	139.227	E	33	N	4.7	1.0	54	NEAR S. COAST OF HONSHU, JAPAN
27	16	37	50.5*	5.757	N	126.134	E	150	G	4.1	1.4	16	MINDANAO, PHILIPPINE ISLANDS
27	16	50	32.8	34.180	N	139.211	E	33	N		1.0	14	NEAR S. COAST OF HONSHU, JAPAN
27	16	51	09.9	34.261	N	139.172	E	33	N	4.9	1.1	101	NEAR S. COAST OF HONSHU, JAPAN
27	17	02	57.5	21.638	N	93.766	E	70	G	4.3	0.5	30	MYANMAR
27	17	04	01.6?	23.64	S	178.37	E	600	G	4.1	0.7	7	SOUTH OF FIJI ISLANDS
27	17	11	02.7&	61.390	N	151.520	W	87				40	SOUTHERN ALASKA. <AEIC>.
27	17	17	59.8	34.111	N	139.277	E	33	N		0.8	15	NEAR S. COAST OF HONSHU, JAPAN
27	17	33	06.6*	13.572	N	90.841	W	33	N		0.3	10	NEAR COAST OF GUATEMALA. MD 3.5 (SSS). Felt (II) at Ahuachapan and San Salvador, El Salvador.
27	17	40	02.0*	34.156	N	139.315	E	33	N		1.3	11	NEAR S. COAST OF HONSHU, JAPAN
27	17	52	31.0?	34.02	N	139.36	E	10	G		0.9	5	NEAR S. COAST OF HONSHU, JAPAN
27	18	57	37.7*	2.820	N	128.885	E	250	G	4.3	1.0	19	HALMAHERA, INDONESIA
27	19	37	52.1?	21.70	S	179.26	W	600	G	4.6	0.8	18	FIJI ISLANDS REGION
27	20	08	03.0	34.234	N	139.180	E	33	N		0.9	22	NEAR S. COAST OF HONSHU, JAPAN
27	20	41	37.5	44.887	N	11.319	E	10	G		0.8	13	NORTHERN ITALY. ML 2.8 (LDG), 2.7 (VIE).
27	20	49	55.8*	5.206	S	153.925	E	150	G	4.8	1.0	25	NEW IRELAND REGION, P.N.G.
27	20	57	49.9	1.336	N	122.606	E	37	D	5.0	1.3	39	MINAHASSA PENINSULA, SULAWESI
27	20	58	13.0	51.695	N	16.094	E	10	G		0.8	14	POLAND. ML 2.9 (MOX), 2.7 (CLL).
27	21	06	44.1?	0.65	N	122.95	E	33	N	4.1	1.1	9	MINAHASSA PENINSULA, SULAWESI
27	21	18	21.1*	9.818	N	126.214	E	33	N	4.4	1.1	33	MINDANAO, PHILIPPINE ISLANDS
27	21	22	29.8*	9.945	N	126.505	E	33	N	4.5	1.4	17	MINDANAO, PHILIPPINE ISLANDS
27	22	36	34.3*	35.202	N	31.580	E	33	N	4.2	1.2	19	CYPRUS REGION
27	22	41	29.6	44.368	N	149.801	E	33	N	5.1	1.1	76	KURIL ISLANDS
27	22	53	16.5*	13.787	N	92.673	W	33	N	4.3 4.2	1.3	25	OFF COAST OF CHIAPAS, MEXICO

27	23	29	21.9*	22.110	S	179.716	W	600	G	4.8	0.9	31	SOUTH OF FIJI ISLANDS
28	00	03	22.9?	51.38	N	177.18	W	33	N		1.5	8	ANDREANOF ISLANDS, ALEUTIAN IS.
28	00	19	37.8	39.634	N	144.675	E	33	N		0.7	16	OFF EAST COAST OF HONSHU, JAPAN
28	00	24	38.1*	20.797	S	169.227	E	100	G	4.5	1.3	38	VANUATU ISLANDS
28	02	56	44.5*	44.839	N	10.957	E	10	G		0.7	15	NORTHERN ITALY. MD 3.0 (ROM). ML 2.9 (VIE), 2.8 (LDG).
28	03	00	01.1*	28.830	N	129.392	E	50	G		1.4	8	RYUKYU ISLANDS
28	03	18	06.7*	11.832	N	125.574	E	33	N		1.4	12	SAMAR, PHILIPPINE ISLANDS
28	03	19	08.6&	61.716	N	150.794	W	51				107	SOUTHERN ALASKA. <AEIC>. ML 3.8 (AEIC), 3.7 (PMR).
28	04	21	22.4?	35.88	N	32.14	E	33	N	3.2	1.3	10	CYPRUS REGION
28	05	02	31.8*	35.078	N	32.117	E	33	N		0.3	8	CYPRUS REGION
28	05	06	16.7?	45.00	S	35.27	E	10	G	4.2	0.9	8	PRINCE EDWARD ISLANDS REGION
28	05	24	19.8?	9.91	N	126.17	E	33	N	4.5	1.2	8	MINDANAO, PHILIPPINE ISLANDS
28	06	31	00.5	43.108	N	5.929	W	10	G		1.3	22	SPAIN. mbLg 3.4 (MDD). ML 3.2 (LDG).
28	06	35	03.5?	11.81	N	86.36	W	33	N		0.5	5	NEAR COAST OF NICARAGUA
28	06	59	38.9	40.268	N	76.141	W	5	G		0.4	5	PENNSYLVANIA. mbLg 2.6 (GS). Felt in the Wyomissing Hills area.
28	07	35	31.0?	45.29	N	6.55	E	10	G		0.1	5	FRANCE. ML 2.0 (GEN).
28	08	27	21.8*	18.046	N	67.279	W	33	N		0.6	7	MONA PASSAGE. MD 3.9 (MPR). Felt (IV) at Aguada, Anasco, Cabo Rojo, Lajas, Las Marias, Mayaguez, San German and San Sebastian, Puerto Rico.
28	09	05	52.7	51.431	N	178.238	W	33	N	5.0	0.9	112	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.0 (PMR).
28	09	24	06.7	43.501	N	147.098	E	33	N	5.5 4.9	0.9	221	KURIL ISLANDS. Mw 5.4 (HRV). Felt (V) on Shikotan and (III) at Yuzhno-Kurilsk, Kunashir. Centroid, Moment Tensor (HRV): Centroid origin time 09:24:12.4; Lat 43.59 N; Lon 147.29 E; Dep 39.8; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.32, Plg=77, Azm=282; (N) Val=0.35, Plg=5, Azm=33; (P) Val=-1.67, Plg=12, Azm=124; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=220, Dip=33, Slip=98; NP2: Strike=30, Dip=57, Slip=84.
28	09	33	18.3	51.633	N	173.243	W	33	N	5.0	0.8	96	ANDREANOF ISLANDS, ALEUTIAN IS.
28	10	48	54.8*	15.289	S	66.782	E	10	G	4.8	0.9	20	MID-INDIAN RIDGE
28	11	59	16.0&	61.003	N	152.157	W	112				97	SOUTHERN ALASKA. <AEIC>.
28	12	17	08.4*	39.654	N	144.583	E	33	N		0.9	13	OFF EAST COAST OF HONSHU, JAPAN
28	12	33	07.5*	17.688	S	178.370	W	500	G	4.2	1.0	20	FIJI ISLANDS REGION
28	12	38	53.3?	37.46	S	178.06	E	33	N		0.2	5	OFF E. COAST OF N. ISLAND, N.Z.
28	12	54	37.2	51.661	N	16.209	E	5	G		0.8	23	POLAND. ML 3.5 (VIE), 3.3 (MOX), 3.3 (CLL).
28	13	06	19.8&	34.453	S	70.436	W	10	G		0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
28	13	50	59.8*	3.225	S	134.630	E	33	N	4.1	0.8	7	IRIAN JAYA REGION, INDONESIA
28	13	54	52.1&	44.460	N	25.983	E	33	N		1.4	6	ROMANIA
28	14	41	12.9	24.690	N	124.285	E	76	*	4.8	1.1	35	SOUTHWESTERN RYUKYU ISLANDS
28	14	46	33.8	44.778	N	10.741	E	10	G		1.3	14	NORTHERN ITALY. ML 3.1 (VIE), 3.1 (LDG). MD 2.8 (ROM).
28	15	12	38.3	11.406	S	118.375	E	33	N	3.9	1.0	9	SOUTH OF SUMBAWA, INDONESIA
28	15	24	37.9?	34.57	S	70.35	W	10	G		0.1	6	CHILE-ARGENTINA BORDER REGION
28	15	38	29.9?	34.68	S	70.72	W	100	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
28	16	34	06.2	0.492	N	121.609	E	100	G	4.9	1.1	35	MINAHASSA PENINSULA, SULAWESI
28	17	51	24.7	45.885	N	2.982	E	10	G		0.4	13	FRANCE. ML 2.0 (LDG).
28	18	33	06.3*	24.010	N	123.716	E	33	N	3.9	0.7	11	SOUTHWESTERN RYUKYU ISLANDS
28	19	36	18.6&	33.667	S	72.046	W	10	G		0.5	10	OFF COAST OF CENTRAL CHILE. MD 3.4 (SAN).
28	20	01	44.9	51.811	N	175.395	W	33	N	5.0 4.7	0.8	151	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.2 (HRV). Felt (III) on Adak. Centroid, Moment Tensor (HRV): Centroid origin time 20:01:48.7; Lat 51.81 N; Lon 175.30 W; Dep 48.9; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.82, Plg=66, Azm=297; (N) Val=0.76, Plg=11, Azm=52; (P) Val=-6.58, Plg=21, Azm=147; Best double couple: Mo=6.2*10**16 Nm; NP1: Strike=256, Dip=25, Slip=116; NP2: Strike=48, Dip=67, Slip=78.
28	20	11	42.3	42.706	N	128.733	W	10	G		0.4	37	OFF COAST OF OREGON
28	20	19	32.5?	12.33	N	61.44	W	120	G		0.1	5	WINDWARD ISLANDS. MD 3.6 (TRN).
28	21	00	04.3	51.613	N	16.110	E	5	G		1.3	15	POLAND. ML 2.6 (MOX).
28	22	44	00.1*	19.291	N	104.937	W	33	N	4.2	1.0	25	NEAR COAST OF JALISCO, MEXICO
28	23	17	28.1*	37.806	N	20.860	E	33	N		1.3	16	IONIAN SEA
28	23	32	11.9	58.740	S	25.582	W	33	N	5.0 5.0	0.9	63	SOUTH SANDWICH ISLANDS REGION. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:32:19.3; Lat 58.89 S; Lon 25.28 W; Dep 32.1; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=9.76, Plg=73, Azm=304; (N) Val=-1.12, Plg=10, Azm=179; (P) Val=-8.64, Plg=14, Azm=87; Best double couple: Mo=9.2*10**16 Nm; NP1: Strike=164, Dip=33, Slip=72; NP2: Strike=5, Dip=59, Slip=101.
29	00	09	40.4*	7.380	S	155.572	E	33	N	4.5	1.3	24	SOLOMON ISLANDS
29	00	24	48.5?	14.04	N	92.06	W	33	N	4.1	0.9	17	NEAR COAST OF CHIAPAS, MEXICO
29	00	28	34.8*	12.113	N	87.607	W	33	N	4.3	1.5	19	NEAR COAST OF NICARAGUA
29	01	26	20.8&	45.672	N	6.951	E	5	G		0.0	5	FRANCE. ML 1.7 (LDG).
29	02	00	21.6	34.498	N	32.243	E	33	N	4.4	1.0	73	CYPRUS REGION. ML 4.9 (JER). MD 4.3 (RYD).
29	02	20	36.6&	31.931	N	132.209	E	33	N		1.0	7	SOUTHEAST OF SHIKOKU, JAPAN
29	02	33	29.0?	34.44	S	71.13	W	50	G		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 2.6 (SAN).
29	02	35	18.2*	35.636	N	140.504	E	33	N		1.2	12	NEAR EAST COAST OF HONSHU, JAPAN
29	03	08	46.7	46.702	N	0.522	W	10	G		1.5	16	FRANCE. ML 2.9 (LDG).
29	03	50	29.5*	9.673	N	126.492	E	33	N	4.5	0.9	17	MINDANAO, PHILIPPINE ISLANDS
29	03	55	23.6*	17.829	S	179.605	W	600	G	4.8	1.2	65	FIJI ISLANDS REGION
29	04	02	21.1?	50.27	N	19.43	E	5	G		1.4	6	POLAND. MG 3.0 (WAR).
29	04	37	13.2&	63.058	N	149.975	W	104				105	CENTRAL ALASKA. <AEIC>.
29	04	44	54.2&	63.320	N	151.544	W	9				34	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
29	04	50	52.9	45.417	N	149.937	E	53	D	4.9	0.9	102	KURIL ISLANDS
29	05	14	17.9?	14.91	N	61.14	W	120	G		0.8	8	WINDWARD ISLANDS. MD 3.7 (TRN).
29	06	42	03.1	36.228	N	139.574	E	33	N		0.7	7	EASTERN HONSHU, JAPAN
29	06	57	03.8	43.843	N	144.892	E	167	*	4.5	1.0	41	HOKKAIDO, JAPAN REGION
29	08	08	31.1&	34.288	S	71.057	W	33	N		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 2.7 (SAN).
29	08	20	56.7&	32.492	N	132.277	E	33	N		0.7	5	SHIKOKU, JAPAN
29	09	21	31.6*	36.064	N	70.603	E	200	G		0.8	14	HINDU KUSH REGION, AFGHANISTAN
29	10	22	44.2?	32.16	S	178.94	W	100	G	4.4	1.1	10	SOUTH OF KERMADEC ISLANDS

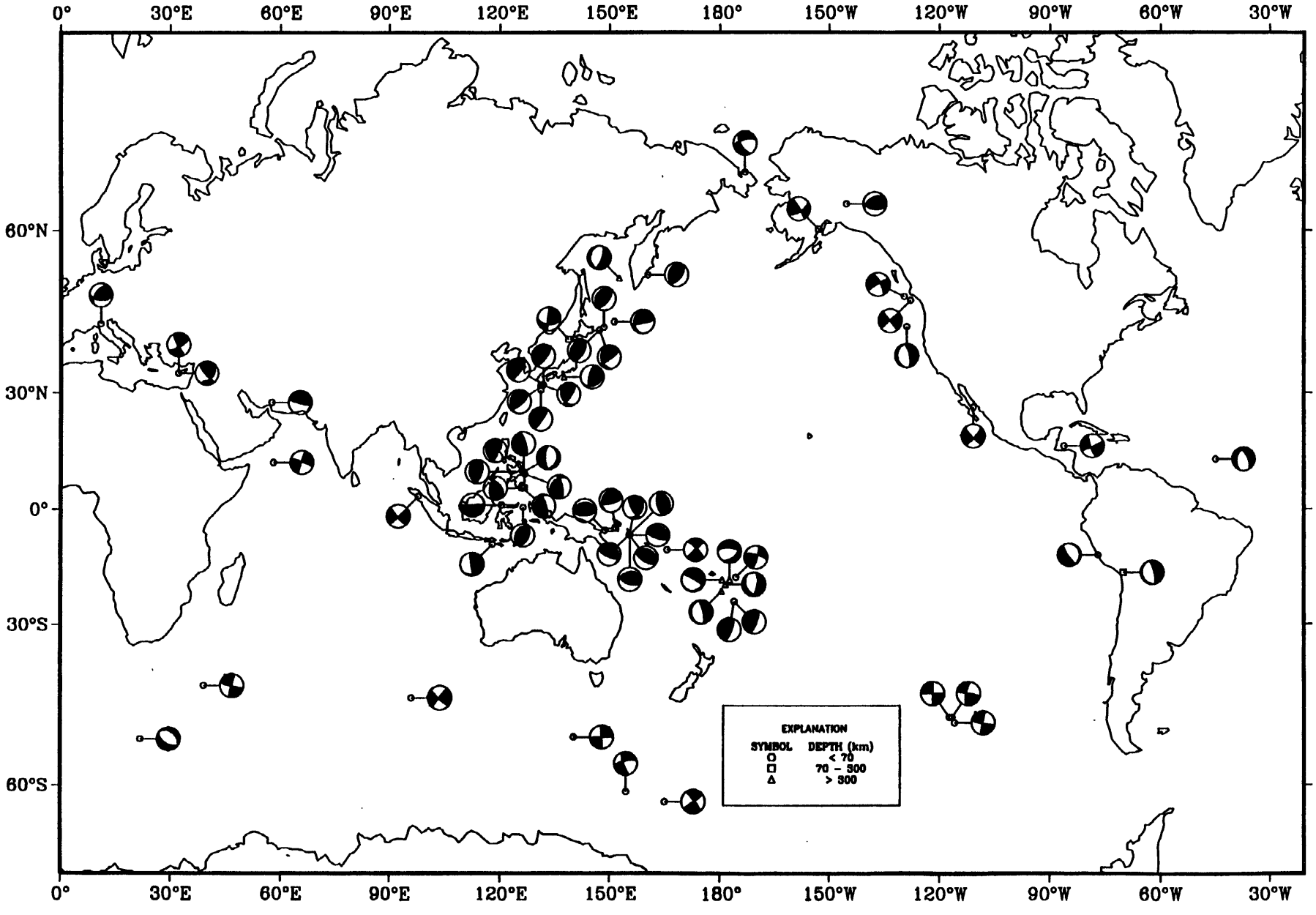
29	10	31	15.9	45.329	N	151.844	E	44	D	5.4	4.8	1.0	238	KURIL ISLANDS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 10:31:19.4; Lat 45.48 N; Lon 152.22 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.95, Plg=60, Azm=12; (N) Val=-0.59, Plg=23, Azm=234; (P) Val=-7.36, Plg=18, Azm=137; Best double couple: Mo=7.7*10**16 Nm; NP1: Strike=196, Dip=34, Slip=46; NP2: Strike=65, Dip=67, Slip=115.
29	11	24	14.3*	58.960	S	24.833	W	50	G	4.6		1.5	27	SOUTH SANDWICH ISLANDS REGION
29	11	28	01.8*	58.948	S	25.097	W	10	G			1.2	14	SOUTH SANDWICH ISLANDS REGION
29	11	29	32.1	51.783	N	16.177	E	5	G			1.0	15	POLAND. ML 3.5 (VIE), 3.1 (MOX).
29	11	40	25.0&	45.517	N	26.732	E	33	N			1.3	5	ROMANIA
29	12	00	13.5	50.264	N	6.747	E	10	G			1.2	51	GERMANY. ML 3.6 (LDG), 3.5 (STR), 2.9 (UCC).
29	12	21	41.4&	39.316	N	72.043	E	50	G			0.9	8	KYRGYZSTAN
29	13	11	39.7*	58.366	S	15.131	W	10	G	4.6		1.2	14	SOUTHWESTERN ATLANTIC OCEAN
29	13	23	08.0&	44.775	N	6.663	E	10	G			0.5	13	FRANCE. ML 2.6 (GEN).
29	13	23	17.9*	39.624	N	142.397	E	50	G			1.2	13	NEAR EAST COAST OF HONSHU, JAPAN
29	13	23	24.7&	44.772	N	6.633	E	10	G			0.2	6	FRANCE. ML 1.9 (GEN).
29	13	24	57.5&	44.803	N	6.499	E	10	G			0.5	7	FRANCE. ML 2.1 (GEN).
29	14	51	50.1?	19.21	S	169.02	E	150	G	4.6		1.5	16	VANUATU ISLANDS
29	15	38	01.9?	58.84	S	24.98	W	50	G			1.3	8	SOUTH SANDWICH ISLANDS REGION
29	16	26	18.5&	36.082	N	139.953	E	33	N			0.3	6	EASTERN HONSHU, JAPAN
29	16	30	53.3&	33.002	N	115.573	W	13					5	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.8 (PAS).
29	16	38	43.0*	45.262	N	151.639	E	43	D	4.8		1.3	49	KURIL ISLANDS
29	16	51	21.0?	42.83	N	7.16	W	10	G			0.5	4	SPAIN. mbLg 3.2 (MDD). Felt (IV) in the Sarria-Becerrea area.
29	16	54	50.5?	42.84	N	7.18	W	10	G			0.3	4	SPAIN. mbLg 3.2 (MDD). Felt (III) in the Sarria-Becerrea area.
29	18	39	16.4?	46.59	N	149.33	E	42	D	4.5		1.3	10	KURIL ISLANDS
29	19	15	29.5*	43.332	N	10.373	E	10	G			1.0	11	CENTRAL ITALY
29	19	38	04.7	42.651	N	7.430	W	10	G			1.4	59	SPAIN. ML 4.4 (LDG). mbLg 4.1 (MDD). Felt (V) in the Sarria-Becerrea area.
29	19	38	12.5*	43.512	N	6.273	W	10	G			0.6	32	SPAIN. ML 3.9 (LDG).
29	19	53	35.8&	42.835	N	7.222	W	10	G			0.4	6	SPAIN. mbLg 3.1 (MDD).
29	19	55	34.0&	42.825	N	7.131	W	10	G			0.8	5	SPAIN. mbLg 2.8 (MDD).
29	20	13	28.8?	42.76	N	7.18	W	10	G			0.1	4	SPAIN. mbLg 2.9 (MDD).
29	20	48	28.8&	63.355	N	145.237	W	5					27	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
29	21	34	48.3	43.021	N	7.195	W	10	G			1.1	30	SPAIN. mbLg 3.3 (MDD). ML 3.3 (LDG).
29	21	57	25.0?	42.83	N	7.23	W	10	G			0.4	4	SPAIN. mbLg 2.8 (MDD).
29	22	00	36.6&	42.861	N	7.242	W	10	G			1.1	6	SPAIN. mbLg 3.0 (MDD).
29	22	42	38.0*	2.992	S	129.510	E	33	N	4.4		0.9	12	SERAM, INDONESIA
29	22	56	34.1&	57.785	N	156.094	W	99					35	ALASKA PENINSULA. <AEIC>.
29	23	00	06.6	42.678	N	2.424	E	5	G			1.1	14	PYRENEES. ML 2.6 (LDG), 2.5 (STR).
29	23	28	45.8*	9.930	N	126.388	E	33	N	4.3		1.1	12	MINDANAO, PHILIPPINE ISLANDS
30	00	33	35.3&	42.828	N	7.167	W	10	G			0.4	8	SPAIN. mbLg 3.3 (MDD).
30	01	29	00.1*	2.688	S	131.817	E	60	G	3.5		0.8	5	IRIAN JAYA REGION, INDONESIA
30	02	25	05.6?	38.91	N	14.96	E	350	G	3.8		0.6	14	SICILY
30	03	09	19.8*	23.113	S	179.796	E	600	G	4.6		0.7	23	SOUTH OF FIJI ISLANDS
30	04	43	21.8	45.447	N	151.741	E	44	D	5.0		0.7	92	KURIL ISLANDS
30	04	45	26.3	45.335	N	151.696	E	46	D	5.2		1.1	120	KURIL ISLANDS
30	05	28	28.0?	16.27	S	179.27	W	400	G	3.9		0.8	8	FIJI ISLANDS REGION
30	06	54	43.9	17.564	N	145.709	E	190	D	4.9		0.9	111	MARIANA ISLANDS
30	07	07	32.6	45.378	N	151.626	E	44	D	4.9		1.1	63	KURIL ISLANDS
30	07	40	43.8&	10.806	N	61.787	W	10	G			0.5	5	TRINIDAD. MD 3.2 (TRN).
30	08	49	20.0?	32.91	S	69.34	W	5	G			0.4	11	MENDOZA PROVINCE, ARGENTINA. MD 4.4 (SAN).
30	09	09	41.3	41.719	N	138.708	E	222	D	5.1		0.8	302	EASTERN SEA OF JAPAN. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 09:09:45.1; Lat 41.69 N; Lon 138.63 E; Dep 220.0; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.02, Plg=29, Azm=55; (N) Val=0.25, Plg=53, Azm=193; (P) Val=-1.26, Plg=21, Azm=313; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=92, Dip=53, Slip=173; NP2: Strike=186, Dip=85, Slip=37.
30	09	46	58.7?	5.72	S	151.77	E	33	N	4.2		1.1	8	NEW BRITAIN REGION, P.N.G.
30	10	43	02.1	32.330	N	20.505	E	10	G	4.4		1.3	90	NEAR COAST OF LIBYA
30	10	48	04.8	7.056	S	129.061	E	150	G	4.7		0.9	33	BANDA SEA
30	11	22	10.1&	39.148	N	4.948	W	10	G			0.3	5	SPAIN. mbLg 2.6 (MDD).
30	11	49	01.1&	59.778	N	151.596	W	47					56	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
30	11	54	08.6*	9.581	N	126.354	E	33	N	4.5		0.8	20	MINDANAO, PHILIPPINE ISLANDS
30	12	23	29.7*	6.746	N	72.929	W	170	*	3.9		0.8	17	NORTHERN COLOMBIA
30	12	39	05.3?	4.36	N	126.08	E	33	N	4.5		0.8	10	TALAUD ISLANDS, INDONESIA
30	12	56	58.3?	8.15	S	129.03	E	100	G	4.2		1.4	7	TIMOR SEA
30	14	18	43.5&	60.026	N	152.975	W	107					65	SOUTHERN ALASKA. <AEIC>.
30	15	06	48.8	32.950	N	140.118	E	146		4.8		1.1	54	SOUTH OF HONSHU, JAPAN
30	15	41	02.7&	63.355	N	145.327	W	6					58	CENTRAL ALASKA. <AEIC>. ML 3.5 (AEIC), 3.8 (PMR).
30	15	45	47.6	51.647	N	16.114	E	10	G			0.6	11	POLAND. ML 3.2 (MOX), 2.9 (CLL).
30	16	12	50.9*	55.384	N	111.267	E	10	G			0.9	10	LAKE BAYKAL REGION, RUSSIA
30	16	25	45.3?	55.10	N	111.58	E	10	G			0.1	4	LAKE BAYKAL REGION, RUSSIA
30	16	55	39.0	49.899	S	110.697	E	10	G	4.8		0.9	49	SOUTHEAST INDIAN RIDGE
30	17	40	40.3*	3.100	S	140.409	E	33	N	4.1		1.0	8	IRIAN JAYA, INDONESIA
30	17	57	05.2&	42.315	N	6.852	W	10	G			0.8	5	SPAIN. mbLg 2.7 (MDD).
30	18	07	03.9?	7.24	S	122.26	E	600	G	3.7		0.7	6	FLORES SEA
30	19	01	04.6?	5.86	S	154.48	E	150	G	4.1		1.0	9	SOLOMON ISLANDS
30	19	29	51.5	30.638	N	131.118	E	54		4.6		1.0	37	KYUSHU, JAPAN
30	20	10	26.6?	7.26	S	131.04	E	150	G	3.9		0.9	7	TANIMBAR ISLANDS REG., INDONESIA
30	20	39	58.0&	33.669	S	70.378	W	100	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 2.8 (SAN).
30	20	44	54.5?	5.90	S	151.57	E	33	N	4.4		1.1	12	NEW BRITAIN REGION, P.N.G.
30	20	57	23.7?	6.87	N	123.53	E	600	G	4.5		0.7	11	MINDANAO, PHILIPPINE ISLANDS
30	21	03	25.6?	0.99	N	127.23	E	33	N	4.1		0.4	6	HALMAHERA, INDONESIA
30	21	18	48.3&	61.751	N	150.981	W	64					74	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.0 (PMR).
30	21	41	18.5?	0.04	S	121.01	E	100	G	3.6		0.8	8	MINAHASSA PENINSULA, SULAWESI
30	22	21	02.6&	59.800	N	153.433	W	118					69	SOUTHERN ALASKA. <AEIC>.
30	22	28	38.3&	32.693	S	70.264	W	100	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.7 (SAN).
30	22	30	25.0*	11.315	S	165.669	E	33	N	4.9	5.1	1.4	34	SANTA CRUZ ISLANDS. Mw 5.4 (HRV).

													Centroid, Moment Tensor (HRV): Centroid origin time 22:30:33.5; Lat 10.88 S; Lon 165.56 E; Dep 30.9; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.13, Plg=10, Azm=181; (N) Val=0.24, Plg=78, Azm=37; (P) Val=-1.37, Plg=7, Azm=273; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=317, Dip=78, Slip=2; NP2: Strike=227, Dip=88, Slip=168.
30	22	57	54.5*	24.593	S	176.165	W	33	N	5.0	5.3	1.3	49	SOUTH OF FIJI ISLANDS. Mw 5.7 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 22:57:57.7; Lat 24.88 S; Lon 175.54 W; Dep 15.0 Fix; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=3.73, Plg=61, Azm=307; (N) Val=0.35, Plg=9, Azm=201; (P) Val=-4.08, Plg=28, Azm=106; Best double couple: Mo=3.9*10**17 Nm; NP1: Strike=173, Dip=19, Slip=62; NP2: Strike=23, Dip=73, Slip=99.
30	23	06	53.5?	11.27	S	164.81	E	33	N			1.1	7	SANTA CRUZ ISLANDS REGION
30	23	07	00.8*	48.397	S	31.363	E	29	D	4.6		1.0	13	SOUTH OF AFRICA
30	23	30	40.0	24.587	S	176.118	W	33	N	5.2	5.2	1.1	76	SOUTH OF FIJI ISLANDS. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:30:43.1; Lat 24.69 S; Lon 175.57 W; Dep 15.0 Fix; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.67, Plg=61, Azm=301; (N) Val=0.11, Plg=7, Azm=198; (P) Val=-2.78, Plg=28, Azm=104; Best double couple: Mo=2.7*10**17 Nm; NP1: Strike=174, Dip=18, Slip=65; NP2: Strike=20, Dip=74, Slip=98.
30	23	38	21.5?	19.21	S	173.08	W	33	N			0.9	7	TONGA ISLANDS
31	00	09	47.3*	21.157	N	144.752	E	200	G	4.4		0.4	8	MARIANA ISLANDS REGION
31	01	21	35.9?	5.52	N	82.49	W	33	N	3.9		1.3	11	SOUTH OF PANAMA
31	01	26	23.9	15.743	N	145.851	E	147		4.7		1.0	48	MARIANA ISLANDS
31	02	12	23.2	19.295	N	95.326	W	10	G	3.6		0.9	10	VERACRUZ, MEXICO
31	03	52	38.1&	62.317	N	154.570	W	1					53	CENTRAL ALASKA. <AEIC>. ML 3.4 (AEIC), 3.6 (PMR).
31	03	58	07.3*	24.646	S	176.064	W	33	N	4.8		1.1	13	SOUTH OF FIJI ISLANDS
31	04	47	44.8	22.855	N	94.309	E	99	D	4.4		0.8	41	MYANMAR
31	06	59	00.8?	51.09	N	178.53	W	33	N			1.1	4	ANDREANOF ISLANDS, ALEUTIAN IS.
31	07	29	19.5	33.843	N	134.655	E	50	G	4.4		0.6	15	SHIKOKU, JAPAN
31	08	22	15.7?	31.84	S	69.68	W	150	G			0.5	10	SAN JUAN PROVINCE, ARGENTINA. MD 3.8 (SAN).
31	09	02	19.7*	54.297	N	35.179	W	10	G	4.4		1.1	19	NORTH ATLANTIC OCEAN
31	09	14	53.4*	51.333	N	175.337	W	33	N	4.5		1.1	16	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.4 (PMR).
31	09	38	45.6*	18.052	N	120.571	E	33	N	4.5		1.3	25	LUZON, PHILIPPINE ISLANDS
31	10	04	39.8	5.007	S	151.721	E	143		5.0		0.9	103	NEW BRITAIN REGION, P.N.G. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 10:04:42.4; Lat 5.08 S; Lon 151.75 E; Dep 125.2; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.81, Plg=45, Azm=307; (N) Val=-0.12, Plg=39, Azm=164; (P) Val=-7.69, Plg=20, Azm=57; Best double couple: Mo=7.8*10**16 Nm; NP1: Strike=103, Dip=43, Slip=23; NP2: Strike=356, Dip=75, Slip=130.
31	10	52	42.1*	63.888	S	168.374	W	10	G	4.6		0.7	8	PACIFIC-ANTARCTIC RIDGE
31	11	18	22.8*	17.512	S	178.999	W	550	G	4.6		0.7	18	FIJI ISLANDS REGION
31	11	27	22.8?	35.26	S	71.46	W	100	G			0.2	8	CENTRAL CHILE. MD 3.2 (SAN).
31	11	44	36.9?	13.27	N	91.39	W	33	N	4.1		1.4	15	NEAR COAST OF GUATEMALA
31	11	46	57.6?	44.05	N	149.24	E	33	N			0.5	5	KURIL ISLANDS
31	12	11	12.7?	6.03	S	127.75	E	400	G	4.2		1.4	11	BANDA SEA
31	12	34	41.0*	5.238	S	152.232	E	33	N	4.5		1.2	18	NEW BRITAIN REGION, P.N.G.
31	12	42	32.0	5.377	S	151.676	E	83	*	4.9		1.0	49	NEW BRITAIN REGION, P.N.G. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 12:42:32.5; Lat 5.20 S; Lon 152.16 E; Dep 83.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.25, Plg=60, Azm=17; (N) Val=0.41, Plg=19, Azm=248; (P) Val=-1.66, Plg=22, Azm=150; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=209, Dip=29, Slip=47; NP2: Strike=76, Dip=69, Slip=111.
31	12	50	41.4	39.613	N	144.677	E	33	N	4.3		0.7	12	OFF EAST COAST OF HONSHU, JAPAN
31	12	52	07.6*	61.549	N	3.754	E	10	G			1.2	12	NORWEGIAN SEA. Felt in western Norway.
31	12	57	40.7*	61.729	N	3.915	E	10	G			1.4	14	NORWEGIAN SEA. Felt in western Norway.
31	13	53	15.6*	40.422	N	28.671	E	10	G			0.7	12	TURKEY
31	14	04	12.8	18.070	S	178.171	W	550	G	4.7		0.9	51	FIJI ISLANDS REGION
31	14	13	47.4&	37.471	N	1.739	W	10	G			0.8	5	SPAIN. mbLg 2.4 (MDD).
31	15	07	09.3?	30.04	S	177.80	W	100	G	4.3		0.8	9	KERMADEC ISLANDS, NEW ZEALAND
31	16	40	57.7*	6.683	S	130.326	E	33	N	4.6		1.2	14	BANDA SEA
31	16	47	14.7&	44.474	N	6.801	E	10	G			0.8	7	FRANCE. ML 1.9 (GEN).
31	17	11	05.4*	39.751	N	144.583	E	33	N			0.9	8	OFF EAST COAST OF HONSHU, JAPAN
31	17	37	23.3	43.536	N	147.166	E	60	D	5.5		0.9	277	KURIL ISLANDS. Mw 5.4 (HRV). Felt (V) on Shikotan and (IV) at Yuzhno-Kurilsk, Kunashir. Centroid, Moment Tensor (HRV): Centroid origin time 17:37:27.4; Lat 43.21 N; Lon 147.17 E; Dep 48.7; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.10, Plg=50, Azm=357; (N) Val=0.19, Plg=28, Azm=228; (P) Val=-1.29, Plg=26, Azm=123; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=168, Dip=32, Slip=27; NP2: Strike=55, Dip=76, Slip=119.
31	18	18	43.0	9.902	N	126.387	E	33	N	5.5	5.4	1.0	107	MINDANAO, PHILIPPINE ISLANDS. Mw 5.5 (GS). Moment Tensor (GS): Dep 12; Principal axes (scale 10**17 Nm): (T) Val=2.19, Plg=21, Azm=276; (N) Val=0.01, Plg=8, Azm=183; (P) Val=-2.20, Plg=68, Azm=73; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=20, Dip=25, Slip=-71; NP2: Strike=180, Dip=66, Slip=-99.
31	18	23	28.8*	9.894	N	126.322	E	33	N	4.8		1.3	33	MINDANAO, PHILIPPINE ISLANDS
31	18	23	46.9	9.946	N	126.534	E	33	N	5.2		0.9	61	MINDANAO, PHILIPPINE ISLANDS
31	18	33	45.8&	47.325	N	6.850	E	10	G			0.2	5	FRANCE. ML 2.2 (LDG).
31	18	35	33.4*	9.923	N	126.466	E	33	N	4.4		1.1	14	MINDANAO, PHILIPPINE ISLANDS
31	18	38	33.7	9.889	N	126.450	E	33	N	4.8		0.9	30	MINDANAO, PHILIPPINE ISLANDS
31	18	40	36.2*	9.863	N	126.110	E	33	N	4.6		0.9	19	MINDANAO, PHILIPPINE ISLANDS

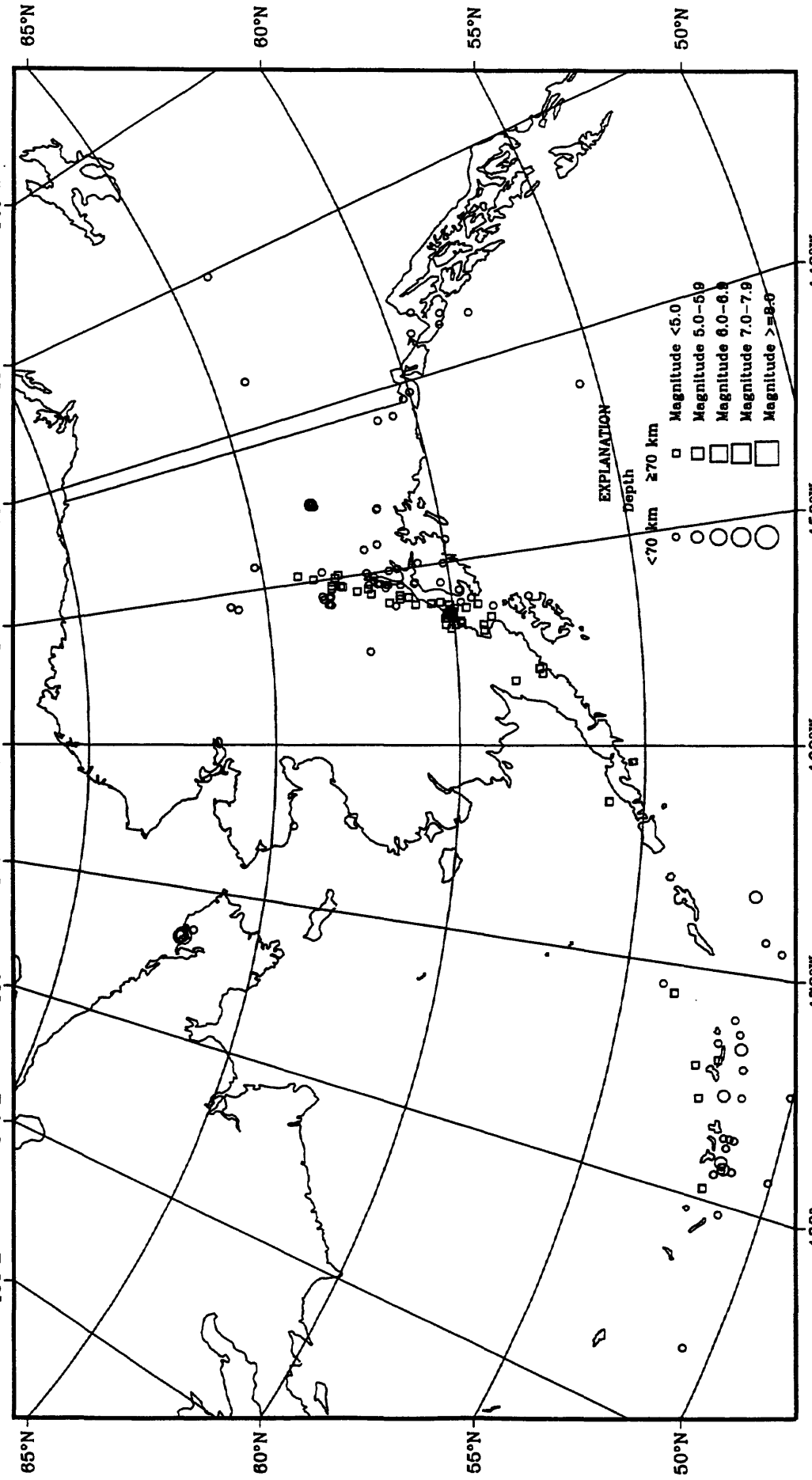
31	18	42	40.3	9.848	N	126.396	E	33	N	5.3	5.0	1.0	72	MINDANAO, PHILIPPINE ISLANDS. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 18:42:44.4; Lat 9.98 N; Lon 126.53 E; Dep 24.3; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.86, Plg=59, Azm=254; (N) Val=0.04, Plg=1, Azm=162; (P) Val=-2.89, Plg=31, Azm=71; Best double couple: Mo=2.9*10**17 Nm; NP1: Strike=158, Dip=14, Slip=85; NP2: Strike=342, Dip=76, Slip=91.
31	19	04	41.1	9.839	N	126.318	E	33	N	4.8		1.1	41	MINDANAO, PHILIPPINE ISLANDS
31	19	11	52.9?	9.72	N	126.43	E	33	N	4.3		1.5	12	MINDANAO, PHILIPPINE ISLANDS
31	19	20	37.5	9.837	N	126.313	E	33	N	4.9		1.0	52	MINDANAO, PHILIPPINE ISLANDS
31	19	27	10.1?	9.72	N	126.26	E	33	N			0.8	7	MINDANAO, PHILIPPINE ISLANDS
31	19	37	52.7	9.889	N	126.368	E	33	N	5.0		1.0	55	MINDANAO, PHILIPPINE ISLANDS
31	19	38	53.4	0.259	S	18.323	W	10	G	4.8	4.6	0.8	77	CENTRAL MID-ATLANTIC RIDGE
31	19	53	36.6*	9.944	N	126.426	E	33	N	4.7		1.0	19	MINDANAO, PHILIPPINE ISLANDS
31	19	56	57.0?	9.85	N	126.35	E	33	N			0.8	8	MINDANAO, PHILIPPINE ISLANDS
31	19	57	32.8?	9.90	N	126.22	E	33	N			1.3	9	MINDANAO, PHILIPPINE ISLANDS
31	20	40	34.8?	9.98	N	126.60	E	33	N			0.8	10	MINDANAO, PHILIPPINE ISLANDS
31	21	22	47.6*	9.882	N	126.287	E	33	N			1.1	12	MINDANAO, PHILIPPINE ISLANDS
31	21	25	57.0	9.924	N	126.288	E	33	N	5.0		1.0	50	MINDANAO, PHILIPPINE ISLANDS
31	21	32	47.7?	10.09	N	127.03	E	33	N			1.5	10	PHILIPPINE ISLANDS REGION
31	21	42	56.5*	10.048	N	126.486	E	33	N	4.5		1.1	14	PHILIPPINE ISLANDS REGION
31	21	55	47.8*	9.766	N	126.179	E	33	N	4.4		1.3	29	MINDANAO, PHILIPPINE ISLANDS
31	22	22	29.7	9.903	N	126.483	E	33	N	4.9		0.9	31	MINDANAO, PHILIPPINE ISLANDS
31	22	42	56.5*	10.024	N	126.463	E	33	N	4.5		1.1	14	PHILIPPINE ISLANDS REGION
31	23	20	54.5	39.183	N	71.704	E	33	N	4.6		0.9	52	TAJIKISTAN
31	23	28	32.1*	16.966	S	172.671	W	33	N	5.1	5.2	1.3	34	SAMOA ISLANDS REGION. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:28:36.7; Lat 16.96 S; Lon 172.16 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.54, Plg=69, Azm=280; (N) Val=-0.90, Plg=1, Azm=189; (P) Val=-7.64, Plg=21, Azm=98; Best double couple: Mo=8.1*10**16 Nm; NP1: Strike=187, Dip=24, Slip=89; NP2: Strike=9, Dip=66, Slip=91.
31	23	43	09.4?	53.99	N	170.94	W	33	N			0.8	4	FOX ISLANDS, ALEUTIAN ISLANDS
31	23	47	33.5*	62.001	N	3.472	E	10	G	3.3		1.3	27	NORWEGIAN SEA. Felt in western Norway.

Compiled by Francis W. Baldwin, Pamela J. Benfield, Don L. Blakeman, George L. Choy, Stuart K. Koyanagi, John H. Minsch, Waverly J. Person, Stuart A. Sipkin and Madeleine D. Zirbes.

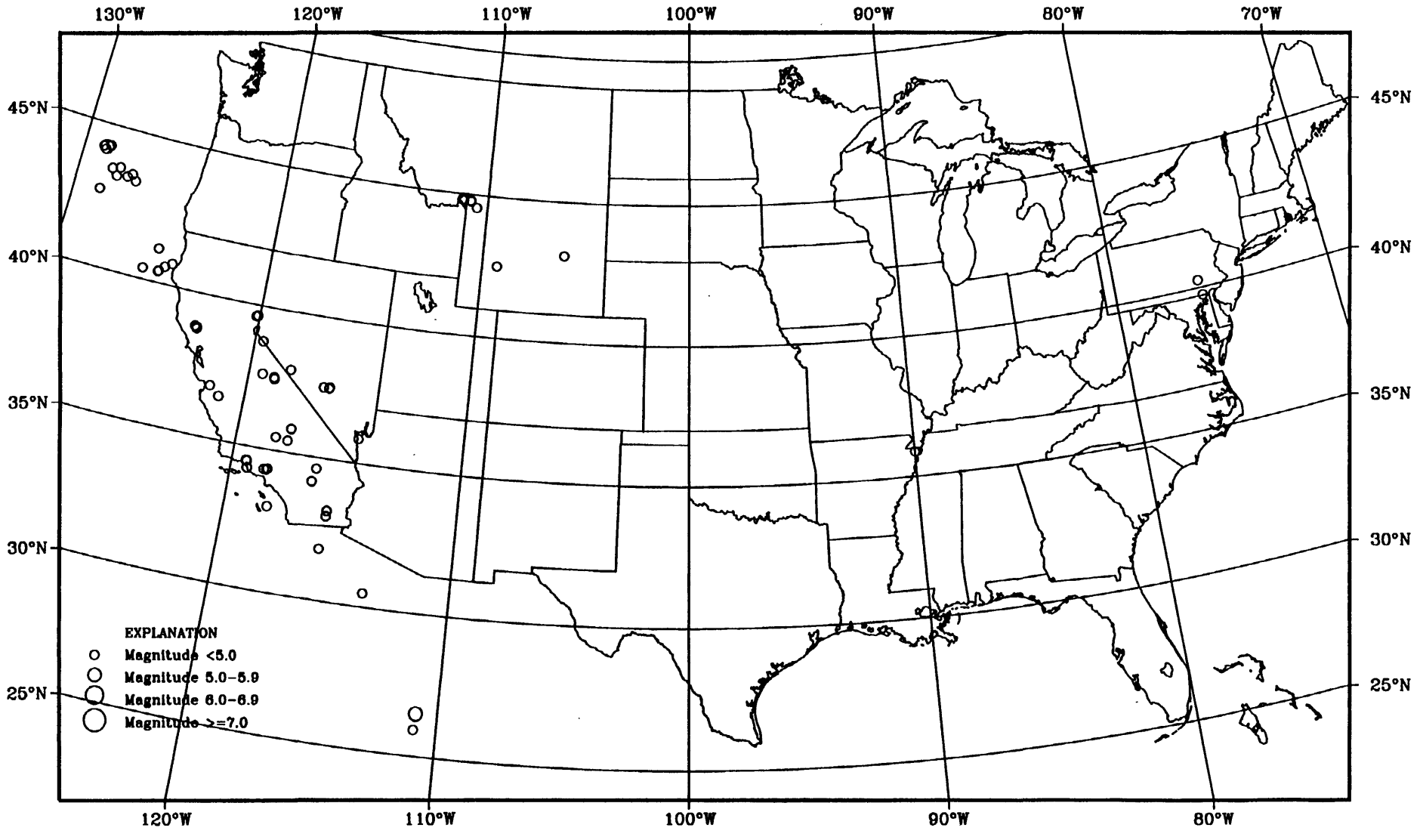
Earthquake Focal Mechanisms for October 1996



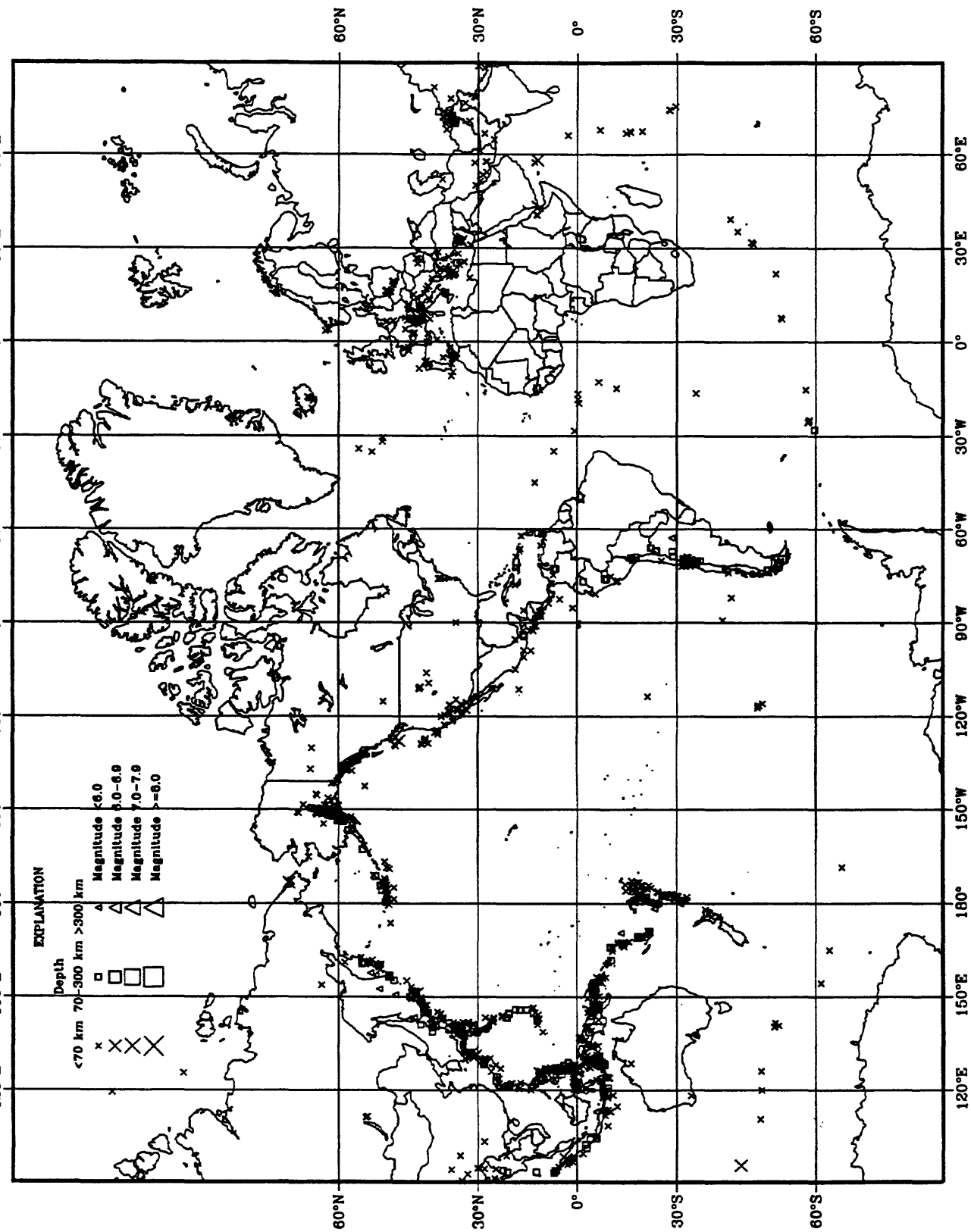
Earthquake epicenters in Alaska and adjacent regions for October 1996



Earthquake epicenters in the conterminous United States and adjacent regions for October 1996



Earthquakes located worldwide in October 1996



PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

NOVEMBER 1996

ORIGIN TIME UTC DAY	HR	MN	SEC	GEOGRAPHIC COORDINATES LAT		LONG		DEPTH		MAGNITUDE MB	MAGNITUDE Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
01	00	07	14.1?	45.7?	N	14.83	E	10	G			0.4	4	NORTHWESTERN BALKAN REGION. ML 2.7 (VIE), 2.3 (LJU). Felt (IV) at Breg, Hinje, Kocevje and Stara Cerkev, Slovenia.
01	00	53	27.9*	9.8?6	N	126.395	E	33	N	4.6		0.9	22	MINDANAO, PHILIPPINE ISLANDS
01	01	12	21.2*	18.601	N	64.275	W	33	N	4.4		1.0	8	VIRGIN ISLANDS
01	01	14	30.3?	4.61	N	94.48	E	33	N	4.0		1.7	10	OFF W COAST OF NORTHERN SUMATERA
01	02	18	42.9*	36.429	N	71.413	E	200	G	4.5		0.5	11	AFGHANISTAN-TAJIKISTAN BORD REG.
01	02	40	08.9?	10.14	N	126.66	E	33	N	4.6		1.2	11	PHILIPPINE ISLANDS REGION
01	03	09	28.3	37.349	N	104.232	W	5	G			0.7	8	COLORADO. mbLg 3.2 (GS). Felt strongly at Hoehne. Also felt at Starkville and Trinidad.
01	03	29	03.6*	7.154	S	147.624	E	33	N	3.6		1.5	10	EASTERN NEW GUINEA REG., P.N.G.
01	03	32	34.6	1.296	S	149.525	E	33	N	5.7	5.7	0.9	271	NEW IRELAND REGION, P.N.G. Mw 5.9 (HRV), 5.8 (GS). Me 6.1 (GS). Broadband Source Parameters (GS): Dep 10; Radiated energy 3.2*10**13 Nm. Moment Tensor (GS): Dep 19; Principal axes (scale 10**17 Nm): (T) Val=4.99, Plg=79, Azm=194; (N) Val=1.27, Plg=3, Azm=301; (P) Val=-6.25, Plg=10, Azm=31; Best double couple: Mo=5.6*10**17 Nm; NP1: Strike=125, Dip=35, Slip=96; NP2: Strike=299, Dip=56, Slip=86. Centroid, Moment Tensor (HRV): Centroid origin time 03:32:36.4; Lat 1.08 S; Lon 149.82 E; Dep 15.0 Bdy; Half-duration 2.2 sec; Principal axes (scale 10**17 Nm): (T) Val=8.16, Plg=65, Azm=207; (N) Val=-0.12, Plg=3, Azm=110; (P) Val=-8.04, Plg=25, Azm=19; Best double couple: Mo=8.1*10**17 Nm; NP1: Strike=102, Dip=21, Slip=81; NP2: Strike=292, Dip=70, Slip=93.
01	04	09	27.6%	44.371	N	7.331	E	10	G			0.6	8	NORTHERN ITALY. ML 2.0 (GEN).
01	04	34	19.4?	10.08	N	127.20	E	33	N	4.3		1.0	7	PHILIPPINE ISLANDS REGION
01	04	52	51.3*	29.518	N	138.536	E	462	*			0.8	13	SOUTH OF HONSHU, JAPAN
01	05	21	06.8*	0.037	N	123.230	E	184	?	5.0		0.9	21	MINAHASSA PENINSULA, SULAWESI
01	05	24	25.5?	9.96	N	126.56	E	33	N			1.1	8	MINDANAO, PHILIPPINE ISLANDS
01	05	54	09.9?	22.05	S	170.30	E	33	N	4.0		1.3	12	LOYALTY ISLANDS REGION
01	06	05	32.6	51.591	N	16.309	E	5	G			0.7	12	POLAND. ML 3.6 (GRF), 3.6 (VIE).
01	06	17	48.7%	16.992	N	61.917	W	20	G			0.2	6	LEEWARD ISLANDS. MD 3.0 (TRN).
01	06	36	31.0?	34.67	N	24.45	E	33	N	3.0		0.6	7	CRETE
01	07	00	16.6	1.339	S	149.476	E	33	N	5.3	5.5	1.0	92	NEW IRELAND REGION, P.N.G. Mw 5.7 (GS), 5.7 (HRV). Moment Tensor (GS): Dep 6; Principal axes (scale 10**17 Nm): (T) Val=4.09, Plg=52, Azm=214; (N) Val=-0.37, Plg=9, Azm=316; (P) Val=-3.73, Plg=37, Azm=53; Best double couple: Mo=3.9*10**17 Nm; NP1: Strike=186, Dip=12, Slip=140; NP2: Strike=315, Dip=82, Slip=81. Centroid, Moment Tensor (HRV): Centroid origin time 07:00:20.0; Lat 1.10 S; Lon 149.82 E; Dep 15.0 Fix; Half-duration 1.9 sec; Principal axes (scale 10**17 Nm): (T) Val=4.53, Plg=59, Azm=218; (N) Val=-0.02, Plg=8, Azm=114; (P) Val=-4.51, Plg=29, Azm=20; Best double couple: Mo=4.5*10**17 Nm; NP1: Strike=88, Dip=17, Slip=62; NP2: Strike=297, Dip=75, Slip=98.
01	07	03	03.3?	34.25	N	24.46	E	33	N	3.4		1.8	14	CRETE
01	07	56	05.9*	9.950	N	126.450	E	33	N	4.4		0.6	12	MINDANAO, PHILIPPINE ISLANDS
01	08	00	26.8*	9.981	N	126.655	E	33	N	4.5		1.0	21	MINDANAO, PHILIPPINE ISLANDS
01	08	14	54.2*	11.407	S	166.046	E	33	N	4.6		1.2	17	SANTA CRUZ ISLANDS
01	08	40	30.7*	9.937	N	126.447	E	33	N	4.6		0.9	25	MINDANAO, PHILIPPINE ISLANDS
01	08	44	38.8	3.327	N	128.079	E	33	N	4.7		1.0	29	NORTH OF HALMAHERA, INDONESIA
01	09	05	21.8	1.268	S	149.582	E	33	N	4.7		1.0	32	NEW IRELAND REGION, P.N.G.
01	09	08	11.1*	23.093	N	121.248	E	92	?			1.3	12	TAIWAN
01	10	01	10.3*	45.961	N	6.152	E	10	G			0.3	5	FRANCE. ML 2.1 (LDG).
01	10	25	12.0?	34.40	S	70.79	W	100	G			0.2	8	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
01	10	48	23.8	1.215	S	149.581	E	33	N	4.7		0.9	35	NEW IRELAND REGION, P.N.G.
01	11	01	29.3?	18.65	S	177.74	W	500	G	4.0		0.3	8	FIJI ISLANDS REGION
01	11	22	01.3?	22.09	S	170.66	E	33	N	4.2		1.0	15	LOYALTY ISLANDS REGION

01	12	40	30.5*	16.883	S	172.830	W	33	N	4.6	1.3	40	SAMOA ISLANDS REGION
01	13	02	56.6*	9.835	N	126.304	E	33	N	4.4	1.0	18	MINDANAO, PHILIPPINE ISLANDS
01	13	19	22.7?	34.03	S	14.70	W	10	G	4.4	1.4	7	TRISTAN DA CUNHA REGION
01	13	35	16.9%	33.196	S	70.574	W	90	G		0.2	9	CHILE-ARGENTINA BORDER REGION. MD 2.3 (SAN).
01	14	38	04.6	0.233	S	18.010	W	10	G	4.9 4.4	1.0	73	CENTRAL MID-ATLANTIC RIDGE. Mw 5.2 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 14:38:11.0; Lat 0.29 N; Lon 18.06 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.08, Plg=2, Azm=31; (N) Val=0.07, Plg=78, Azm=293; (P) Val=-6.15, Plg=12, Azm=122; Best double couple: Mo=6.1*10**16 Nm; NP1: Strike=166, Dip=80, Slip=-7; NP2: Strike=257, Dip=83, Slip=-170.
01	15	00	34.4?	36.84	N	72.10	E	100	G		0.8	10	AFGHANISTAN-TAJIKISTAN BORD REG.
01	15	17	40.3*	51.581	N	16.465	E	5	G		1.5	9	POLAND. MG 2.4 (WAR).
01	16	37	36.2?	18.93	S	174.59	W	33	N	4.8	0.9	11	TONGA ISLANDS
01	17	17	47.2*	45.754	N	151.835	E	33	N	4.5	1.3	23	KURIL ISLANDS
01	17	22	16.4*	9.865	N	126.409	E	33	N	4.5	1.4	17	MINDANAO, PHILIPPINE ISLANDS
01	17	57	54.5&	34.340	N	116.450	W	5				28	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.3 (PAS). ML 3.3 (GS).
01	18	07	34.4?	24.83	N	121.95	E	89	?		1.4	7	TAIWAN
01	19	38	18.8&	36.802	N	121.518	W	4				29	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 2.8 (GS).
01	19	50	01.2	34.206	N	139.219	E	12		5.1 4.5	0.8	133	NEAR S. COAST OF HONSHU, JAPAN. Mw 5.1 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 19:50:02.3; Lat 34.82 N; Lon 139.52 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.32, Plg=18, Azm=267; (N) Val=-1.78, Plg=71, Azm=71; (P) Val=-3.53, Plg=5, Azm=175; Best double couple: Mo=4.4*10**16 Nm; NP1: Strike=309, Dip=74, Slip=170; NP2: Strike=42, Dip=81, Slip=16.
01	19	57	56.2	34.180	N	139.255	E	10	G	4.3	0.9	16	NEAR S. COAST OF HONSHU, JAPAN
01	20	31	09.8	9.857	N	126.322	E	33	N	5.3 4.9	0.9	100	MINDANAO, PHILIPPINE ISLANDS. Mw 5.6 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 20:31:18.9; Lat 9.84 N; Lon 126.55 E; Dep 15.0 Fix; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=3.01, Plg=65, Azm=236; (N) Val=-0.03, Plg=7, Azm=341; (P) Val=-2.98, Plg=24, Azm=74; Best double couple: Mo=3.0*10**17 Nm; NP1: Strike=178, Dip=22, Slip=109; NP2: Strike=338, Dip=70, Slip=83.
01	20	35	22.2	9.871	N	126.303	E	33	N	5.0	0.9	41	MINDANAO, PHILIPPINE ISLANDS
01	20	38	36.8*	30.882	S	178.430	W	200	G	4.7	0.9	14	KERMADEC ISLANDS, NEW ZEALAND
01	20	41	27.8*	9.874	N	126.503	E	33	N	4.8	1.4	24	MINDANAO, PHILIPPINE ISLANDS
01	20	54	13.6*	15.989	S	69.557	W	213		4.4	0.9	45	PERU-BOLIVIA BORDER REGION
01	21	37	11.8*	9.826	N	126.454	E	33	N	4.4	0.8	14	MINDANAO, PHILIPPINE ISLANDS
01	21	48	25.1	9.801	N	126.334	E	33	N	5.0 4.2	1.0	61	MINDANAO, PHILIPPINE ISLANDS
01	21	54	20.4*	9.825	N	126.351	E	33	N	4.8	1.2	22	MINDANAO, PHILIPPINE ISLANDS
01	23	38	53.2%	33.082	S	70.164	W	110	G		0.4	11	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
01	23	39	28.9?	44.90	N	11.05	E	5	G		0.5	9	NORTHERN ITALY. ML 2.6 (LDG).
02	00	08	50.6	7.558	S	117.301	E	302	D	5.5	0.9	219	BALI SEA. Mw 5.8 (GS), 5.8 (HRV). Me 5.2 (GS).
													Broadband Source Parameters (GS): Dep 300; Radiated energy 1.5*10**12 Nm.
													Moment Tensor (GS): Dep 306; Principal axes (scale 10**17 Nm): (T) Val=5.68, Plg=61, Azm=335; (N) Val=0.01, Plg=14, Azm=219; (P) Val=-5.69, Plg=25, Azm=122; Best double couple: Mo=5.7*10**17 Nm; NP1: Strike=185, Dip=24, Slip=54; NP2: Strike=44, Dip=71, Slip=104.
													Centroid, Moment Tensor (HRV): Centroid origin time 00:08:55.8; Lat 7.60 S; Lon 117.46 E; Dep 305.2; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=5.59, Plg=63, Azm=329; (N) Val=-0.56, Plg=9, Azm=222; (P) Val=-5.03, Plg=25, Azm=128; Best double couple: Mo=5.3*10**17 Nm; NP1: Strike=199, Dip=21, Slip=66; NP2: Strike=45, Dip=71, Slip=99.
02	00	46	25.3	9.882	N	126.400	E	33	N	4.8	1.0	42	MINDANAO, PHILIPPINE ISLANDS
02	01	03	19.3?	1.26	S	149.73	E	33	N	4.2	0.8	8	NEW IRELAND REGION, P.N.G.
02	01	50	15.8*	9.929	N	126.367	E	33	N	4.7	1.2	27	MINDANAO, PHILIPPINE ISLANDS
02	02	03	10.2*	34.150	N	137.306	E	348			0.4	8	NEAR S. COAST OF HONSHU, JAPAN
02	03	04	49.3&	33.207	N	115.704	W	11				24	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS). ML 2.9 (GS).
02	04	01	24.4	54.537	N	161.855	E	33	N	4.1	0.8	24	NEAR EAST COAST OF KAMCHATKA
02	04	22	21.6	51.671	N	16.082	E	5	G		0.7	34	POLAND. ML 4.0 (FUR), 3.9 (VIE), 3.7 (MOX), 3.3 (CLL).
02	05	22	36.4*	9.930	N	126.478	E	33	N	4.8	1.0	31	MINDANAO, PHILIPPINE ISLANDS
02	06	18	57.7*	15.490	S	167.094	E	200	G	4.5	1.1	30	VANUATU ISLANDS
02	06	47	05.9	44.272	N	147.546	E	39	*	4.7	0.8	63	KURIL ISLANDS
02	07	08	09.1	43.816	N	8.281	E	10	G		0.6	13	CORSICA. ML 2.1 (GEN), 2.0 (LDG).
02	08	08	14.6	45.034	N	9.324	E	10	G		1.2	13	NORTHERN ITALY. ML 2.4 (LDG).
02	12	37	35.0?	1.00	S	149.57	E	33	N	4.3	0.7	10	NEW IRELAND REGION, P.N.G.
02	13	21	22.5	36.454	N	1.679	E	10	G		0.5	22	NORTHERN ALGERIA. mbLg 3.1 (MDD).
02	13	27	03.5*	9.952	N	126.354	E	33	N	4.5	1.1	20	MINDANAO, PHILIPPINE ISLANDS
02	13	49	08.6*	18.949	N	39.264	E	10	G	3.8	1.0	10	RED SEA
02	13	50	33.3	19.229	N	39.248	E	10	G	5.0 4.6	0.8	106	RED SEA. Mw 5.3 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 13:50:37.9; Lat 19.13 N; Lon 38.94 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.02, Plg=26, Azm=46; (N) Val=-0.05, Plg=7, Azm=312; (P) Val=-0.97, Plg=63, Azm=208; Best double couple: Mo=1.0*10**17 Nm; NP1: Strike=153, Dip=20, Slip=-68; NP2: Strike=310, Dip=72, Slip=-98.
02	14	03	46.6?	44.84	N	10.98	E	10	G		0.6	7	NORTHERN ITALY. ML 2.6 (LDG).
02	14	09	39.3*	18.848	N	39.271	E	10	G	3.9	1.3	10	RED SEA
02	15	00	16.2*	20.668	S	178.014	W	500	G	4.0	0.4	12	FIJI ISLANDS REGION
02	15	01	54.1*	30.550	N	138.761	E	400	G		0.6	10	SOUTH OF HONSHU, JAPAN
02	15	17	16.7*	34.598	N	32.282	E	33	N	3.7	1.3	13	CYPRUS REGION
02	15	28	19.1?	1.29	S	134.62	E	33	N	3.6	1.1	7	IRIAN JAYA REGION, INDONESIA
02	15	28	25.1	47.835	N	115.653	W	5	G		0.5	28	MONTANA. ML 3.4 (BUT), 3.3 (GS). MD 3.3 (SEA). Felt at Trout Creek.

02	16	02	21.1*	19.000	N	121.181	E	33	N	4.2		1.2	18	PHILIPPINE ISLANDS REGION
02	16	15	12.5*	27.307	N	54.788	E	33	N			0.5	13	SOUTHERN IRAN
02	16	58	11.4	1.198	S	149.642	E	33	N	4.8		1.0	41	NEW IRELAND REGION, P.N.G.
02	17	13	45.4?	13.04	N	121.26	E	33	N	4.2		0.4	7	MINDORO, PHILIPPINE ISLANDS
02	17	17	34.5	1.256	S	149.590	E	33	N	5.0	4.6	0.8	69	NEW IRELAND REGION, P.N.G. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 17:17:37.0; Lat 1.16 S; Lon 149.61 E; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.22, Plg=67, Azm=216; (N) Val=-0.04, Plg=5, Azm=114; (P) Val=-1.17, Plg=23, Azm=21; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=101, Dip=23, Slip=76; NP2: Strike=296, Dip=68, Slip=96.
02	17	24	49.4?	34.53	N	32.37	E	33	N	3.7		1.0	11	CYPRUS REGION
02	18	02	06.3*	49.407	N	156.387	E	33	N	4.5		1.1	14	KURIL ISLANDS
02	18	11	48.9	42.519	N	137.434	E	267	D	4.3		1.0	85	EASTERN SEA OF JAPAN
02	18	31	41.7	1.274	N	122.688	E	33	N	5.0	4.2	1.0	43	MINAHASSA PENINSULA, SULAWESI
02	18	33	53.5*	35.769	N	137.598	E	10	G			1.6	16	EASTERN HONSHU, JAPAN
02	19	17	47.5&	33.001	N	115.581	W	18					8	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS). Felt.
02	19	33	39.9&	32.999	N	115.577	W	10					4	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. MD 2.5 (PAS). Felt.
02	19	42	25.7	43.783	N	151.895	E	33	N	4.9	4.4	0.9	95	EAST OF KURIL ISLANDS
02	20	11	11.3*	6.353	N	126.505	E	33	N	4.6		1.3	33	MINDANAO, PHILIPPINE ISLANDS
02	20	29	39.3	1.341	S	149.605	E	33	N	4.8		0.8	33	NEW IRELAND REGION, P.N.G.
02	21	54	52.6*	43.362	N	127.692	W	10	G			0.5	49	OFF COAST OF OREGON
02	22	00	10.2*	43.305	N	127.752	W	10	G			0.4	36	OFF COAST OF OREGON
02	22	36	56.1*	43.288	N	127.566	W	10	G			0.6	70	OFF COAST OF OREGON
02	23	10	44.6?	38.85	N	25.78	E	10	G			1.6	14	AEGEAN SEA
03	00	08	39.5*	3.216	S	136.303	E	48	?	4.6		1.2	23	IRIAN JAYA, INDONESIA
03	00	42	47.3*	43.180	N	128.091	W	10	G			0.5	52	OFF COAST OF OREGON
03	01	10	58.4*	9.836	N	126.489	E	33	N	4.5		0.8	23	MINDANAO, PHILIPPINE ISLANDS
03	01	46	15.9?	7.13	N	72.65	W	126	*	3.9		1.1	11	NORTHERN COLOMBIA
03	02	20	50.8?	9.90	N	126.47	E	33	N	4.6		1.1	11	MINDANAO, PHILIPPINE ISLANDS
03	03	13	25.5&	45.584	N	6.357	E	10	G			1.1	7	FRANCE. ML 2.0 (LDG).
03	03	28	24.7	9.844	N	126.315	E	33	N	4.9		0.9	39	MINDANAO, PHILIPPINE ISLANDS
03	03	39	07.7?	9.81	N	126.56	E	33	N	4.5		1.1	10	MINDANAO, PHILIPPINE ISLANDS
03	03	52	26.4	9.819	N	126.351	E	33	N	5.0	4.4	0.9	68	MINDANAO, PHILIPPINE ISLANDS
03	04	01	08.9*	4.081	S	118.551	E	33	N	4.2		1.1	13	SULAWESI, INDONESIA
03	04	08	45.0*	9.909	N	126.478	E	33	N	4.6		1.0	21	MINDANAO, PHILIPPINE ISLANDS
03	04	54	02.4?	44.76	N	10.97	E	10	G			0.4	9	NORTHERN ITALY. ML 2.3 (LDG).
03	05	06	26.2*	13.732	N	120.882	E	100	G	4.2		0.7	13	MINDORO, PHILIPPINE ISLANDS
03	05	32	17.5&	40.372	N	124.884	W	10					35	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.0 (GM). ML 3.1 (GS), 3.0 (BRK).
03	05	40	17.4	9.826	N	126.379	E	33	N	5.3	5.1	1.0	90	MINDANAO, PHILIPPINE ISLANDS
03	05	49	24.7?	9.90	N	126.36	E	33	N	4.5		1.0	10	MINDANAO, PHILIPPINE ISLANDS
03	05	55	53.2	9.829	N	126.360	E	33	N	5.0		0.8	54	MINDANAO, PHILIPPINE ISLANDS
03	06	04	26.2?	39.85	N	25.36	E	10	G	4.0		1.3	16	AEGEAN SEA
03	06	16	06.5&	60.294	N	151.129	W	43					97	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.8 (AEIC), 3.6 (PMR).
03	06	31	38.7?	5.36	S	151.77	E	33	N	4.4		0.9	9	NEW BRITAIN REGION, P.N.G.
03	06	32	05.0&	34.595	N	116.280	W	6	G				34	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.3 (PAS). ML 3.3 (GS).
03	06	33	10.1*	9.908	N	126.409	E	33	N	4.5		1.2	20	MINDANAO, PHILIPPINE ISLANDS
03	07	41	36.5	9.825	N	126.399	E	33	N	5.4	5.4	1.0	114	MINDANAO, PHILIPPINE ISLANDS. Mw 5.7 (GS), 5.7 (HRV). Moment Tensor (GS): Dep 10; Principal axes (scale 10**17 Nm): (T) Val=3.52, Plg=37, Azm=275; (N) Val=0.10, Plg=19, Azm=170; (P) Val=-3.62, Plg=47, Azm=58; Best double couple: Mo=3.6*10**17 Nm; NP1: Strike=63, Dip=20, Slip=-15; NP2: Strike=168, Dip=85, Slip=-109. Centroid, Moment Tensor (HRV): Centroid origin time 07:41:40.1; Lat 9.84 N; Lon 126.64 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=4.31, Plg=55, Azm=255; (N) Val=0.17, Plg=2, Azm=348; (P) Val=-4.48, Plg=35, Azm=79; Best double couple: Mo=4.4*10**17 Nm; NP1: Strike=177, Dip=11, Slip=100; NP2: Strike=347, Dip=80, Slip=88.
03	07	46	43.9*	9.859	N	126.483	E	33	N	4.9		1.1	25	MINDANAO, PHILIPPINE ISLANDS
03	07	49	09.6?	9.86	N	126.38	E	33	N	4.7		1.3	16	MINDANAO, PHILIPPINE ISLANDS
03	08	04	49.8*	9.722	N	126.385	E	33	N	4.5		0.9	13	MINDANAO, PHILIPPINE ISLANDS
03	08	24	58.4?	0.60	N	122.78	E	33	N	4.1		0.9	10	MINAHASSA PENINSULA, SULAWESI
03	08	56	44.6&	47.497	N	2.221	W	10	G			0.5	8	FRANCE. ML 2.2 (LDG).
03	09	12	51.4*	10.180	N	126.326	E	33	N	4.5		1.3	13	PHILIPPINE ISLANDS REGION
03	10	28	42.8*	34.566	N	32.098	E	33	N	4.0		0.8	34	CYPRUS REGION
03	11	36	27.2?	9.97	N	127.12	E	33	N	4.5		0.8	10	PHILIPPINE ISLANDS REGION
03	12	51	11.9	9.867	N	126.369	E	33	N	4.6		0.9	43	MINDANAO, PHILIPPINE ISLANDS
03	14	44	41.5*	6.702	S	155.166	E	33	N	4.3		1.0	22	SOLOMON ISLANDS
03	15	06	43.6?	24.54	S	179.91	E	600	G	4.4		1.1	14	SOUTH OF FIJI ISLANDS
03	15	43	51.4*	29.463	N	138.894	E	450	G	3.3		0.8	11	SOUTH OF HONSHU, JAPAN
03	15	59	15.9*	31.190	N	130.091	E	163	?	3.3		0.6	16	KYUSHU, JAPAN
03	16	02	47.3	9.756	N	126.330	E	33	N	5.1	4.2	1.0	61	MINDANAO, PHILIPPINE ISLANDS
03	16	20	01.2*	9.803	N	126.538	E	33	N	4.7		1.2	17	MINDANAO, PHILIPPINE ISLANDS
03	16	38	52.1	30.341	N	138.741	E	431	*	4.4		0.6	25	SOUTH OF HONSHU, JAPAN
03	16	47	43.2*	13.676	N	145.249	E	114	D			0.9	16	MARIANA ISLANDS
03	17	03	06.6	9.819	N	126.416	E	33	N	4.8		0.9	44	MINDANAO, PHILIPPINE ISLANDS
03	17	08	19.8*	9.768	N	126.540	E	33	N	4.5		1.4	19	MINDANAO, PHILIPPINE ISLANDS
03	17	12	18.0?	9.68	N	126.39	E	33	N			1.4	8	MINDANAO, PHILIPPINE ISLANDS
03	17	25	56.4	54.708	N	159.455	W	33	N	3.9		1.2	52	SOUTH OF ALASKA. ML 4.5 (AEIC).
03	18	31	49.8*	9.723	N	126.479	E	33	N	4.5		1.2	16	MINDANAO, PHILIPPINE ISLANDS
03	18	52	18.5*	7.438	S	128.278	E	159	?	4.5		1.1	14	BANDA SEA
03	19	10	59.4	52.032	N	30.009	W	10	G	4.3	4.2	1.1	76	NORTHERN MID-ATLANTIC RIDGE
03	19	13	45.3&	44.417	N	7.276	E	10	G			0.3	6	NORTHERN ITALY. ML 1.9 (GEN).
03	19	20	52.3?	7.03	S	125.21	E	464	?	3.9		1.0	10	BANDA SEA
03	20	01	24.1	44.399	N	7.241	E	10	G			0.5	17	NORTHERN ITALY. ML 2.3 (GEN), 1.9 (LDG).
03	20	06	30.4	44.398	N	7.236	E	10	G			0.6	11	NORTHERN ITALY. ML 2.0 (GEN), 1.6 (LDG).
03	21	13	57.9*	8.072	S	119.891	E	200	G	4.6		1.4	11	FLORES REGION, INDONESIA
03	21	22	42.6&	60.013	N	153.554	W	151		4.4			134	SOUTHERN ALASKA. <AEIC>.

03	21	23	27.3*	8.312	S	129.243	E	33	N	4.4		1.4	10	TIMOR SEA
03	21	44	55.7*	22.290	S	179.275	W	500	G	4.1		0.8	22	SOUTH OF FIJI ISLANDS
03	22	58	07.4	9.775	N	126.385	E	33	N	4.9		1.1	42	MINDANAO, PHILIPPINE ISLANDS
03	23	17	35.8	36.100	N	69.844	E	156	*	4.1		0.6	53	HINDU KUSH REGION, AFGHANISTAN
03	23	24	30.6	64.851	N	170.364	W	10	G	4.9	4.9	1.2	118	BERING STRAIT. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:24:35.9; Lat 64.92 N; Lon 171.06 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.02, Plg=5, Azm=11; (N) Val=-0.09, Plg=74, Azm=265; (P) Val=-7.92, Plg=16, Azm=102; Best double couple: Mo=8.0*10**16 Nm; NP1: Strike=146, Dip=76, Slip=-8; NP2: Strike=238, Dip=82, Slip=-166.
04	00	12	22.4	44.147	N	128.784	W	10	G	4.3		1.0	58	OFF COAST OF OREGON
04	01	09	19.5*	34.524	N	32.232	E	33	N	4.1		1.0	38	CYPRUS REGION
04	01	13	37.5&	63.355	N	145.312	W	8					33	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
04	01	21	34.9?	11.11	N	61.03	W	33	N			0.1	4	WINDWARD ISLANDS. MD 2.6 (TRN).
04	01	48	56.4*	9.801	N	126.440	E	33	N	4.4		1.2	15	MINDANAO, PHILIPPINE ISLANDS
04	02	03	12.4?	32.11	S	71.97	W	10	G			0.6	11	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
04	02	13	39.1&	34.142	N	116.429	W	3					25	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.1 (PAS). ML 2.9 (GS). Felt in the Yucca Valley area.
04	02	48	36.1*	4.154	N	82.679	W	33	N	4.6	3.9	1.3	27	SOUTH OF PANAMA
04	05	15	16.6	9.759	N	126.327	E	33	N	5.3	5.1	1.0	93	MINDANAO, PHILIPPINE ISLANDS. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 05:15:19.5; Lat 9.94 N; Lon 126.55 E; Dep 31.1; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.10, Plg=71, Azm=350; (N) Val=-0.14, Plg=19, Azm=157; (P) Val=-0.97, Plg=4, Azm=249; Best double couple: Mo=1.0*10**17 Nm; NP1: Strike=358, Dip=44, Slip=117; NP2: Strike=142, Dip=52, Slip=66.
04	05	23	43.6*	17.004	N	119.950	E	33	N	3.9		0.3	10	PHILIPPINE ISLANDS REGION
04	05	31	06.5*	9.570	N	125.841	E	33	N	5.2	4.8	1.7	63	MINDANAO, PHILIPPINE ISLANDS
04	05	57	52.9*	9.757	N	126.436	E	33	N	4.8		1.0	34	MINDANAO, PHILIPPINE ISLANDS
04	06	11	40.7*	9.861	N	126.326	E	33	N	4.4		1.2	17	MINDANAO, PHILIPPINE ISLANDS
04	06	20	37.7*	9.725	N	126.357	E	33	N	4.5		1.1	31	MINDANAO, PHILIPPINE ISLANDS
04	06	23	25.2	9.827	N	126.344	E	33	N	4.8		0.9	41	MINDANAO, PHILIPPINE ISLANDS
04	06	38	46.4?	36.13	N	4.58	W	33	N			1.4	9	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
04	06	39	50.8*	9.773	N	126.441	E	33	N	4.5		1.2	20	MINDANAO, PHILIPPINE ISLANDS
04	06	44	18.9	9.739	N	126.384	E	33	N	4.8		1.2	38	MINDANAO, PHILIPPINE ISLANDS
04	06	59	41.9*	56.799	N	142.849	W	10	G			1.2	35	GULF OF ALASKA. ML 3.8 (AEIC).
04	07	04	05.3*	1.165	S	149.623	E	33	N	4.1		1.3	11	NEW IRELAND REGION, P.N.G.
04	07	06	39.3?	32.94	S	72.16	W	5	G			0.5	9	OFF COAST OF CENTRAL CHILE. MD 3.4 (SAN).
04	07	57	44.2?	9.93	N	127.22	E	33	N	4.3		0.9	7	PHILIPPINE ISLANDS REGION
04	08	10	45.9&	43.196	N	7.225	W	10	G			0.6	6	SPAIN. mbLg 3.2 (MDD).
04	08	35	35.7?	7.19	S	155.75	E	33	N	4.2		1.2	13	SOLOMON ISLANDS
04	09	23	04.9*	13.790	N	90.459	W	100	G	3.3		1.0	14	NEAR COAST OF GUATEMALA
04	09	49	18.8*	11.507	S	166.203	E	33	N	4.7		1.0	23	SANTA CRUZ ISLANDS
04	10	03	11.2	19.605	N	145.253	E	200	G	4.0		0.6	19	MARIANA ISLANDS
04	10	44	34.7&	38.773	N	122.748	W	3					11	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
04	11	16	32.4&	35.948	N	71.093	E	33	N			0.7	8	PAKISTAN
04	11	49	18.9	9.840	N	126.466	E	33	N	4.7		0.9	33	MINDANAO, PHILIPPINE ISLANDS
04	12	12	07.4	32.379	S	71.872	W	20	G	3.7		1.0	16	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN). Felt (II) at Cabildo, Concon, La Ligua, Papudo, Santiago and Villa Alemana.
04	12	53	36.3	9.732	N	126.414	E	33	N	5.4	5.5	1.2	125	MINDANAO, PHILIPPINE ISLANDS. Mw 5.8 (GS), 5.8 (HRV). Moment Tensor (GS): Dep 22; Principal axes (scale 10**17 Nm): (T) Val=5.56, Plg=72, Azm=269; (N) Val=-0.17, Plg=0, Azm=179; (P) Val=-5.39, Plg=18, Azm=89; Best double couple: Mo=5.5*10**17 Nm; NP1: Strike=179, Dip=27, Slip=90; NP2: Strike=359, Dip=63, Slip=90. Centroid, Moment Tensor (HRV): Centroid origin time 12:53:40.6; Lat 9.70 N; Lon 126.73 E; Dep 19.0; Half-duration 2.0 sec; Principal axes (scale 10**17 Nm): (T) Val=6.65, Plg=74, Azm=266; (N) Val=-0.34, Plg=2, Azm=167; (P) Val=-6.30, Plg=16, Azm=76; Best double couple: Mo=6.5*10**17 Nm; NP1: Strike=163, Dip=29, Slip=85; NP2: Strike=348, Dip=61, Slip=93.
04	13	13	26.4?	1.66	N	126.76	E	33	N	4.2		1.6	10	NORTHERN MOLUCCA SEA
04	13	13	34.5*	9.774	N	126.426	E	33	N	4.9		1.1	25	MINDANAO, PHILIPPINE ISLANDS
04	13	21	15.8	9.718	N	126.420	E	33	N	5.6	5.6	1.0	165	MINDANAO, PHILIPPINE ISLANDS
04	13	36	14.4?	9.81	N	126.53	E	33	N	4.6		1.5	13	MINDANAO, PHILIPPINE ISLANDS
04	13	48	20.4*	9.668	N	126.241	E	33	N	4.8		1.0	27	MINDANAO, PHILIPPINE ISLANDS
04	14	06	45.5*	9.808	N	126.694	E	33	N	4.7		1.2	16	MINDANAO, PHILIPPINE ISLANDS
04	14	35	00.8*	9.438	N	125.592	E	33	N	4.5		1.0	14	MINDANAO, PHILIPPINE ISLANDS
04	14	39	22.7&	63.352	N	145.312	W	6					40	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC).
04	15	23	27.3&	38.724	N	70.707	E	33	N			0.6	9	AFGHANISTAN-TAJIKISTAN BORD REG.
04	15	55	25.4*	9.844	N	126.647	E	33	N	4.5		1.1	17	MINDANAO, PHILIPPINE ISLANDS
04	16	05	51.3?	32.08	S	71.26	W	50	G			0.3	11	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
04	16	42	27.2	13.274	N	93.814	E	33	N	4.9		0.9	107	ANDAMAN ISLANDS, INDIA
04	16	51	47.8*	17.696	S	178.838	W	600	G	4.7		0.6	12	FIJI ISLANDS REGION
04	17	01	34.6	9.822	N	126.248	E	33	N	5.3	5.4	1.1	93	MINDANAO, PHILIPPINE ISLANDS. Mw 5.9 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 17:01:37.8; Lat 9.77 N; Lon 127.07 E; Dep 38.4; Half-duration 2.2 sec; Principal axes (scale 10**17 Nm): (T) Val=6.95, Plg=77, Azm=266; (N) Val=1.24, Plg=1, Azm=0; (P) Val=-8.19, Plg=13, Azm=90; Best double couple: Mo=7.6*10**17 Nm; NP1: Strike=181, Dip=32, Slip=92; NP2: Strike=359, Dip=58, Slip=89.
04	17	14	10.7*	9.704	N	126.410	E	33	N	4.6		1.2	15	MINDANAO, PHILIPPINE ISLANDS
04	17	15	04.3	9.740	N	126.410	E	33	N	4.9		0.8	42	MINDANAO, PHILIPPINE ISLANDS
04	17	24	57.4	7.306	N	77.393	W	14	G	6.0	6.0	1.3	372	PANAMA-COLOMBIA BORDER REGION. Mw 6.3 (GS), 6.3 (HRV). Me 6.0 (GS). Ms 5.9 (BRK). MD 5.3 (UPA). Broadband Source Parameters (GS): Dep 14; NP1: Strike=180, Dip=45, Slip=35; NP2: Strike=64, Dip=66, Slip=129; Radiated

														energy 2.4*10**13 Nm.
														Moment Tensor (GS): Dep 6; Principal axes (scale 10**18 Nm): (T) Val=3.03, Plg=57, Azm=6; (N) Val=0.04, Plg=18, Azm=246; (P) Val=-3.08, Plg=26, Azm=147; Best double couple: Mo=3.1*10**18 Nm; NP1: Strike=202, Dip=24, Slip=43; NP2: Strike=72, Dip=74, Slip=108.
														Centroid, Moment Tensor (HRV): Centroid origin time 17:25:04.2; Lat 7.47 N; Lon 77.21 W; Dep 15.0 Bdy; Half-duration 3.2 sec; Principal axes (scale 10**18 Nm): (T) Val=2.95, Plg=57, Azm=22; (N) Val=0.21, Plg=30, Azm=227; (P) Val=-3.16, Plg=11, Azm=130; Best double couple: Mo=3.0*10**18 Nm; NP1: Strike=188, Dip=43, Slip=42; NP2: Strike=64, Dip=63, Slip=124.
														Scalar Moment (PPT): Mo=4.4*10**18 Nm.
04	17	25	49.3*	10.304	S	119.242	E	33	N	4.4		0.8	9	SUMBA REGION, INDONESIA
04	17	37	38.3*	2.995	N	127.955	E	33	N	4.1		1.9	8	NORTHERN MOLUCCA SEA
04	18	03	22.7?	6.65	N	78.18	W	33	N	4.0		0.8	7	SOUTH OF PANAMA
04	18	28	50.0?	11.27	S	165.27	E	33	N	4.2		1.2	12	SANTA CRUZ ISLANDS
04	18	32	29.6*	35.422	N	89.409	E	33	N	4.0		1.3	9	XIZANG
04	18	45	28.1*	9.748	N	126.282	E	33	N	4.4		1.1	24	MINDANAO, PHILIPPINE ISLANDS
04	19	24	13.5?	57.81	S	142.52	W	10	G	4.6		1.5	13	PACIFIC-ANTARCTIC RIDGE
04	19	29	04.4?	9.84	N	126.37	E	33	N	4.4		1.3	9	MINDANAO, PHILIPPINE ISLANDS
04	19	43	33.4?	9.79	N	126.03	E	33	N	4.5		1.2	11	MINDANAO, PHILIPPINE ISLANDS
04	20	03	28.1?	48.40	N	154.23	E	33	N	3.8		0.9	9	KURIL ISLANDS
04	20	04	42.6	9.759	N	126.331	E	33	N	5.2	4.8	1.0	73	MINDANAO, PHILIPPINE ISLANDS
04	20	07	25.0*	20.410	S	177.889	W	381	?	4.8		1.0	58	FIJI ISLANDS REGION
04	20	13	35.0*	9.772	N	126.425	E	33	N	4.9		1.2	30	MINDANAO, PHILIPPINE ISLANDS
04	20	43	55.1*	29.244	N	81.775	E	77	?	4.6		1.2	22	NEPAL
04	22	13	42.3	9.787	N	126.479	E	33	N	5.2	4.6	1.0	83	MINDANAO, PHILIPPINE ISLANDS
04	22	15	19.9*	9.678	N	126.261	E	33	N	5.2		0.8	20	MINDANAO, PHILIPPINE ISLANDS
04	22	18	40.6	9.793	N	126.424	E	33	N	4.9		0.9	32	MINDANAO, PHILIPPINE ISLANDS
04	22	34	47.1*	9.797	N	126.456	E	33	N	4.8		1.2	32	MINDANAO, PHILIPPINE ISLANDS
04	22	54	15.9	43.523	N	127.356	W	10	G	4.9	4.9	0.7	173	OFF COAST OF OREGON. Mw 5.5 (HRV).
														Centroid, Moment Tensor (HRV): Centroid origin time 22:54:17.4; Lat 43.35 N; Lon 127.68 W; Dep 15.0 Fix; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.82, Plg=2, Azm=249; (N) Val=-0.24, Plg=73, Azm=347; (P) Val=-1.59, Plg=17, Azm=159; Best double couple: Mo=1.7*10**17 Nm; NP1: Strike=295, Dip=76, Slip=-169; NP2: Strike=203, Dip=80, Slip=-14.
04	23	14	07.3	72.486	N	2.836	E	10	G	4.7	4.3	1.3	53	NORWEGIAN SEA
05	00	58	10.9*	20.662	S	11.698	W	22	D	4.7		1.2	19	SOUTHERN MID-ATLANTIC RIDGE
05	01	25	05.5*	5.947	S	113.659	E	500	G	4.7		0.8	15	JAVA SEA
05	02	21	22.5?	34.21	S	70.71	W	100	G			0.3	5	CHILE-ARGENTINA BORDER REGION
05	02	26	21.3*	9.719	N	126.546	E	33	N	4.9		1.3	19	MINDANAO, PHILIPPINE ISLANDS
05	02	30	08.0?	32.35	S	70.98	W	80	G			0.3	9	CHILE-ARGENTINA BORDER REGION. MD 2.5 (SAN).
05	02	31	31.9*	9.866	N	126.398	E	33	N	4.6	4.0	1.4	27	MINDANAO, PHILIPPINE ISLANDS
05	03	18	12.5*	35.842	N	22.179	E	33	N			0.9	16	CENTRAL MEDITERRANEAN SEA
05	03	18	42.2?	33.84	S	70.01	W	120	G			1.0	9	CHILE-ARGENTINA BORDER REGION
05	03	32	21.2&	45.286	N	6.513	E	5	G			1.2	8	FRANCE. ML 2.4 (LDG).
05	04	14	27.7&	60.340	N	152.231	W	76					74	SOUTHERN ALASKA. <AEIC>.
05	04	27	01.9	30.566	N	130.304	E	79	D	3.7		0.8	21	KYUSHU, JAPAN
05	04	32	27.5?	7.62	N	76.77	W	33	N	3.9		1.0	9	NORTHERN COLOMBIA
05	04	42	13.3?	9.87	N	126.25	E	33	N	4.1		0.6	7	MINDANAO, PHILIPPINE ISLANDS
05	05	28	00.6?	17.32	S	178.91	W	600	G	3.8		0.4	9	FIJI ISLANDS REGION
05	05	47	48.4*	9.856	N	126.418	E	33	N	4.4		0.6	9	MINDANAO, PHILIPPINE ISLANDS
05	06	22	48.7*	42.918	N	17.732	E	10	G			0.9	8	ADRIATIC SEA
05	06	28	51.7	42.730	N	13.516	E	10	G			1.3	90	CENTRAL ITALY. ML 4.0 (VIE), 3.8 (LDG). MD 3.6 (ROM).
05	06	34	42.4?	53.46	N	164.73	W	33	N			1.4	8	UNIMAK ISLAND REGION
05	07	01	19.1?	10.11	S	120.92	E	33	N	3.3		1.8	7	SUMBA REGION, INDONESIA
05	08	14	37.1?	32.73	N	40.31	W	10	G	4.2	4.5	1.0	9	NORTHERN MID-ATLANTIC RIDGE
05	08	16	03.1?	29.27	N	142.48	E	33	N	4.1		1.6	5	SOUTH OF HONSHU, JAPAN
05	09	41	34.7	31.160	S	179.998	E	369	D	5.9		1.0	356	KERMADEC ISLANDS REGION. Mw 6.8 (GS), 6.8 (HRV). Me 6.3 (GS). Felt (V) on Raoul.
														Broadband Source Parameters (GS): Dep 355; NP1: Strike=145, Dip=60, Slip=-135; NP2: Strike=28, Dip=52, Slip=-39; Radiated energy 6.6*10**13 Nm.
														Moment Tensor (GS): Dep 366; Principal axes (scale 10**19 Nm): (T) Val=1.71, Plg=2, Azm=282; (N) Val=0.00, Plg=29, Azm=191; (P) Val=-1.72, Plg=61, Azm=16; Best double couple: Mo=1.7*10**19 Nm; NP1: Strike=39, Dip=50, Slip=-51; NP2: Strike=167, Dip=54, Slip=-127.
														Centroid, Moment Tensor (HRV): Centroid origin time 09:41:40.4; Lat 30.95 S; Lon 179.73 W; Dep 366.7; Half-duration 5.8 sec; Principal axes (scale 10**19 Nm): (T) Val=1.47, Plg=5, Azm=279; (N) Val=0.10, Plg=30, Azm=187; (P) Val=-1.57, Plg=60, Azm=18; Best double couple: Mo=1.5*10**19 Nm; NP1: Strike=37, Dip=48, Slip=-48; NP2: Strike=164, Dip=56, Slip=-126.
														Scalar Moment (PPT): Mo=2.7*10**19 Nm.
05	10	05	56.6	22.135	S	179.589	W	600	G	5.0		0.9	82	SOUTH OF FIJI ISLANDS
05	12	09	38.8	9.783	N	126.359	E	33	N	4.6		1.0	33	MINDANAO, PHILIPPINE ISLANDS
05	12	29	45.9	9.756	N	126.360	E	33	N	5.7	5.5	1.0	158	MINDANAO, PHILIPPINE ISLANDS. Mw 6.0 (HRV), 5.9 (GS). Me 5.5 (GS).
														Broadband Source Parameters (GS): Dep 24; NP1: Strike=185, Dip=35, Slip=90; NP2: Strike=5, Dip=55, Slip=90; Radiated energy 4.0*10**12 Nm.
														Moment Tensor (GS): Dep 23; Principal axes (scale 10**17 Nm): (T) Val=7.00, Plg=83, Azm=205; (N) Val=0.53, Plg=7, Azm=358; (P) Val=-7.53, Plg=3, Azm=88; Best double couple: Mo=7.3*10**17 Nm; NP1: Strike=185, Dip=42, Slip=100; NP2: Strike=352, Dip=49, Slip=81.
														Centroid, Moment Tensor (HRV): Centroid origin time

													12:29:48.4; Lat 9.73 N; Lon 126.88 E; Dep 28.0; Half-duration 2.1 sec; Principal axes (scale 10**17 Nm): (T) Val=9.80, Plg=76, Azm=354; (N) Val=-0.17, Plg=14, Azm=183; (P) Val=-9.63, Plg=2, Azm=93; Best double couple: Mo=9.7*10**17 Nm; NP1: Strike=168, Dip=45, Slip=70; NP2: Strike=16, Dip=49, Slip=109.
05	12	35	48.2	9.823	N	126.413	E	33	N	5.2		0.7	48	MINDANAO, PHILIPPINE ISLANDS
05	12	39	12.3	9.790	N	126.482	E	33	N	5.1		0.9	53	MINDANAO, PHILIPPINE ISLANDS
05	12	50	03.7	9.754	N	126.425	E	33	N	5.2		1.0	66	MINDANAO, PHILIPPINE ISLANDS
05	12	50	49.2	44.055	N	10.902	E	10	G			1.3	21	NORTHERN ITALY. ML 3.1 (VIE), 3.0 (LDG).
05	12	57	42.8?	9.90	N	126.82	E	33	N	4.4		1.3	9	MINDANAO, PHILIPPINE ISLANDS
05	13	00	53.5*	9.816	N	126.507	E	33	N	4.6		1.3	15	MINDANAO, PHILIPPINE ISLANDS
05	13	15	27.6*	9.846	N	126.752	E	33	N	4.1		1.2	16	MINDANAO, PHILIPPINE ISLANDS
05	13	16	36.0*	9.742	N	126.352	E	33	N	4.7		1.2	28	MINDANAO, PHILIPPINE ISLANDS
05	13	21	41.0?	9.75	N	126.32	E	33	N	4.3		1.5	13	MINDANAO, PHILIPPINE ISLANDS
05	13	25	17.7*	9.752	N	126.455	E	33	N	4.8		1.1	33	MINDANAO, PHILIPPINE ISLANDS
05	13	43	33.5*	19.143	S	67.215	W	250	G	4.6		1.1	24	SOUTHERN BOLIVIA
05	15	17	08.8*	37.479	N	116.345	W	5	G			1.0	7	SOUTHERN NEVADA. ML 3.2 (GS).
05	15	34	08.1*	9.790	N	126.417	E	33	N	4.7		1.0	20	MINDANAO, PHILIPPINE ISLANDS
05	15	47	07.5*	7.322	N	77.463	W	10	G	4.4		1.3	23	PANAMA-COLOMBIA BORDER REGION
05	15	47	49.0&	35.905	N	139.267	E	33	N			1.3	5	NEAR S. COAST OF HONSHU, JAPAN
05	16	07	15.9	43.673	N	147.296	E	60	D	4.7		1.1	59	KURIL ISLANDS
05	16	31	24.2	9.858	N	126.622	E	33	N	5.2	5.2	1.0	92	MINDANAO, PHILIPPINE ISLANDS. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 16:31:27.3; Lat 9.68 N; Lon 127.01 E; Dep 34.5; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.13, Plg=67, Azm=219; (N) Val=0.13, Plg=17, Azm=355; (P) Val=-2.25, Plg=15, Azm=89; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=202, Dip=33, Slip=121; NP2: Strike=346, Dip=62, Slip=71.
05	16	46	52.5*	9.727	N	126.684	E	33	N	4.4		1.1	12	MINDANAO, PHILIPPINE ISLANDS
05	17	32	51.7*	13.750	N	124.113	E	33	N	4.6		1.2	30	LUZON, PHILIPPINE ISLANDS
05	17	45	00.2&	63.359	N	145.352	W	4					52	CENTRAL ALASKA. <AEIC>. ML 3.3 (AEIC), 3.6 (PMR).
05	18	25	45.8*	9.772	N	126.623	E	33	N	4.3		1.3	14	MINDANAO, PHILIPPINE ISLANDS
05	18	33	07.5*	2.658	S	126.036	E	33	N	3.4		0.3	6	CERAM SEA
05	19	03	57.9?	9.68	N	126.73	E	33	N			1.1	9	MINDANAO, PHILIPPINE ISLANDS
05	19	09	47.9*	9.718	N	126.297	E	33	N	4.4		1.2	24	MINDANAO, PHILIPPINE ISLANDS
05	19	15	58.0*	9.621	N	126.576	E	33	N	4.6		0.8	24	MINDANAO, PHILIPPINE ISLANDS
05	19	29	11.9	9.779	N	126.528	E	33	N	5.1	4.7	0.9	53	MINDANAO, PHILIPPINE ISLANDS
05	19	51	31.7*	9.524	N	126.498	E	33	N	4.5		1.2	22	MINDANAO, PHILIPPINE ISLANDS
05	20	38	01.3	51.532	N	159.350	E	33	N	4.5		0.7	30	OFF EAST COAST OF KAMCHATKA
05	20	53	00.4	9.832	N	126.455	E	33	N	4.9	4.2	1.1	60	MINDANAO, PHILIPPINE ISLANDS
05	21	48	34.9	9.781	N	126.507	E	33	N	4.8		1.0	30	MINDANAO, PHILIPPINE ISLANDS
05	22	11	00.3*	9.797	N	126.612	E	33	N	4.5		1.4	22	MINDANAO, PHILIPPINE ISLANDS
05	23	21	33.8*	15.421	S	173.927	W	33	N	4.6		1.0	51	TONGA ISLANDS
05	23	21	34.4*	9.450	N	126.354	E	33	N	4.5		1.3	23	MINDANAO, PHILIPPINE ISLANDS
05	23	36	26.7*	1.313	S	149.763	E	33	N	3.9		1.1	8	NEW IRELAND REGION, P.N.G.
06	00	24	50.8?	7.16	N	77.67	W	10	G	4.2		1.1	9	PANAMA-COLOMBIA BORDER REGION
06	00	25	12.3*	9.843	N	126.598	E	33	N	4.8		1.1	25	MINDANAO, PHILIPPINE ISLANDS
06	00	33	21.3	53.908	N	162.972	W	33	N	4.9	4.5	1.1	111	SOUTH OF ALASKA. Mw 5.2 (HRV). ML 4.7 (PMR). Centroid, Moment Tensor (HRV): Centroid origin time 00:33:26.3; Lat 53.89 N; Lon 163.05 W; Dep 24.7; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.78, Plg=50, Azm=299; (N) Val=3.90, Plg=38, Azm=141; (P) Val=-8.68, Plg=11, Azm=43; Best double couple: Mo=6.7*10**16 Nm; NP1: Strike=96, Dip=47, Slip=34; NP2: Strike=342, Dip=66, Slip=132.
06	00	51	34.2?	9.83	N	126.46	E	33	N	4.0		1.6	7	MINDANAO, PHILIPPINE ISLANDS
06	01	41	33.8?	10.90	S	165.05	E	33	N	4.3		1.0	11	SANTA CRUZ ISLANDS
06	02	00	52.6	18.849	N	64.326	W	22	D	5.1	4.5	1.1	141	VIRGIN ISLANDS. MD 5.1 (TRN), 4.9 (MPR). Felt throughout Puerto Rico and the Virgin Islands.
06	02	04	04.5*	9.796	N	126.497	E	33	N	4.6		0.9	22	MINDANAO, PHILIPPINE ISLANDS
06	02	58	05.6*	9.828	N	126.747	E	33	N	4.5		1.0	17	MINDANAO, PHILIPPINE ISLANDS
06	03	30	36.4&	33.458	N	134.220	E	33	N			0.4	6	SHIKOKU, JAPAN
06	03	47	43.7*	24.085	S	179.566	E	600	G	4.4		0.6	17	SOUTH OF FIJI ISLANDS
06	03	52	54.3*	9.799	N	126.533	E	33	N	4.5		1.1	21	MINDANAO, PHILIPPINE ISLANDS
06	04	23	07.9&	63.351	N	145.344	W	0					37	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
06	04	30	21.9&	63.355	N	145.339	W	2					77	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.3 (PMR).
06	04	53	06.7*	9.748	N	126.492	E	33	N	4.5		1.0	14	MINDANAO, PHILIPPINE ISLANDS
06	05	19	23.4	31.699	N	131.892	E	33	N	4.3		1.0	17	KYUSHU, JAPAN
06	05	57	45.6&	60.100	N	153.360	W	158					61	SOUTHERN ALASKA. <AEIC>.
06	06	01	43.0	51.346	N	176.888	W	33	N	4.6		1.2	36	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.7 (PMR).
06	06	15	18.6?	17.77	S	178.08	W	600	G	3.9		1.3	14	FIJI ISLANDS REGION
06	06	31	43.1	9.764	N	126.476	E	33	N	5.2		1.1	75	MINDANAO, PHILIPPINE ISLANDS. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 06:31:46.8; Lat 10.07 N; Lon 127.18 E; Dep 16.8; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.48, Plg=17, Azm=253; (N) Val=-0.08, Plg=6, Azm=161; (P) Val=-1.40, Plg=72, Azm=52; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=352, Dip=29, Slip=-78; NP2: Strike=158, Dip=62, Slip=-97.
06	06	38	56.1	9.815	N	126.473	E	33	N	5.4	5.3	1.1	105	MINDANAO, PHILIPPINE ISLANDS
06	06	47	22.0	9.843	N	126.717	E	33	N	5.0		1.2	50	MINDANAO, PHILIPPINE ISLANDS
06	06	55	54.7?	50.50	N	129.03	W	10	G	3.8		0.8	31	VANCOUVER ISLAND REGION
06	06	59	55.4*	9.852	N	126.471	E	33	N	4.7		1.3	23	MINDANAO, PHILIPPINE ISLANDS
06	07	58	09.7*	9.782	N	126.562	E	33	N	4.5		1.1	15	MINDANAO, PHILIPPINE ISLANDS
06	08	09	25.1	9.789	N	126.676	E	33	N	4.9		1.0	44	MINDANAO, PHILIPPINE ISLANDS
06	08	13	57.3*	44.115	N	11.015	E	10	G			0.7	9	NORTHERN ITALY. ML 2.9 (LDG).
06	08	46	27.3?	3.68	S	136.91	E	33	N	3.8		0.9	8	IRIAN JAYA, INDONESIA
06	09	04	55.9*	9.716	N	126.772	E	33	N	4.3		0.7	8	MINDANAO, PHILIPPINE ISLANDS
06	09	23	38.6	17.853	S	175.152	W	222	D	5.0		1.1	63	TONGA ISLANDS
06	10	14	01.1*	9.688	N	127.002	E	33	N	4.2		0.9	13	PHILIPPINE ISLANDS REGION
06	10	20	43.9	36.298	N	27.165	E	33	N	4.4		1.4	51	DODECANESE ISLANDS

06	11	18	03.4&	33.865	N	132.488	E	50	G			0.6	7	SHIKOKU, JAPAN
06	11	40	46.2	0.781	N	121.174	E	64	D	4.8		1.2	37	MINAHASSA PENINSULA, SULAWESI
06	11	42	31.6*	9.674	N	126.430	E	33	N	4.7		1.2	25	MINDANAO, PHILIPPINE ISLANDS
06	11	42	42.5*	1.131	S	149.786	E	48	?	4.9		1.2	34	NEW IRELAND REGION, P.N.G.
06	11	43	57.3?	9.90	N	126.35	E	33	N	4.6		0.9	12	MINDANAO, PHILIPPINE ISLANDS
06	12	10	16.9	3.270	S	142.948	E	33	N	5.3	4.8	1.1	61	NEAR N COAST OF NEW GUINEA, PNG.
06	12	38	19.7*	9.737	N	126.386	E	33	N	4.9		1.3	26	MINDANAO, PHILIPPINE ISLANDS
06	12	47	16.8	3.267	S	143.166	E	33	N	4.8		1.2	26	NEAR N COAST OF NEW GUINEA, PNG.
06	13	03	19.6*	9.805	N	126.597	E	33	N	4.4		1.1	19	MINDANAO, PHILIPPINE ISLANDS
06	15	35	15.0*	42.298	N	143.082	E	63	?			1.0	16	HOKKAIDO, JAPAN REGION
06	15	45	45.1?	17.44	S	178.65	W	500	G	4.5		1.1	18	FIJI ISLANDS REGION
06	15	50	33.5*	3.167	S	143.279	E	33	N	4.5		1.1	8	NEAR N COAST OF NEW GUINEA, PNG.
06	16	10	02.1*	9.758	N	126.552	E	33	N			0.9	11	MINDANAO, PHILIPPINE ISLANDS
06	16	11	50.3*	66.710	N	172.987	W	10	G			1.0	10	NEAR N. COAST OF EASTERN SIBERIA
06	16	21	20.1&	44.249	N	87.020	E	33	N			1.4	9	NORTHERN XINJIANG, CHINA
06	17	04	33.8	7.761	S	106.981	E	33	N	5.4	4.8	1.1	119	JAWA, INDONESIA. Mw 5.4 (HRV). Felt strongly at Pelabuhanratu. Also felt at Jakarta. Centroid, Moment Tensor (HRV): Centroid origin time 17:04:45.5; Lat 7.95 S; Lon 107.27 E; Dep 49.4; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.33, Plg=0, Azm=200; (N) Val=-0.08, Plg=67, Azm=290; (P) Val=-1.26, Plg=23, Azm=110; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=248, Dip=74, Slip=-164; NP2: Strike=153, Dip=74, Slip=-16.
06	18	02	29.8	9.801	N	126.577	E	33	N	5.0		0.9	48	MINDANAO, PHILIPPINE ISLANDS
06	18	06	58.5&	61.000	N	150.085	W	35					82	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.1 (PMR).
06	18	19	41.2&	46.171	N	2.666	E	10	G			0.3	8	FRANCE. ML 1.9 (LDG).
06	19	41	22.6?	3.26	S	143.05	E	33	N	4.1		1.6	7	NEAR N COAST OF NEW GUINEA, PNG.
06	20	00	58.8	27.999	N	143.538	E	9	G	6.4	6.5	0.8	388	BONIN ISLANDS REGION. Mw 6.6 (HRV), 6.3 (GS). Me 6.6 (GS). Ms 6.5 (BRK). Broadband Source Parameters (GS): Dep 9; NP1: Strike=138, Dip=65, Slip=-110; NP2: Strike=359, Dip=32, Slip=-54; Radiated energy 2.1*10**14 Nm. Complex earthquake, with two events occurring about 2 seconds apart. Depth based on second event. Moment Tensor (GS): Dep 11; Principal axes (scale 10**18 Nm): (T) Val=3.57, Plg=11, Azm=98; (N) Val=0.04, Plg=11, Azm=190; (P) Val=-3.61, Plg=74, Azm=322; Best double couple: Mo=3.6*10**18 Nm; NP1: Strike=174, Dip=35, Slip=-109; NP2: Strike=17, Dip=57, Slip=-77. Centroid, Moment Tensor (HRV): Centroid origin time 20:01:07.3; Lat 28.11 N; Lon 143.72 E; Dep 15.0 Bdy; Half-duration 4.6 sec; Principal axes (scale 10**18 Nm): (T) Val=8.05, Plg=3, Azm=241; (N) Val=-0.28, Plg=4, Azm=332; (P) Val=-7.77, Plg=85, Azm=116; Best double couple: Mo=7.9*10**18 Nm; NP1: Strike=327, Dip=42, Slip=-97; NP2: Strike=155, Dip=48, Slip=-84. Scalar Moment (PPT): Mo=1.3*10**19 Nm.
06	20	08	02.3	51.410	N	19.264	E	10	G			1.0	28	POLAND. ML 4.2 (VIE), 4.0 (CLL), 3.5 (BRA).
06	20	24	17.9?	10.51	S	161.47	E	100	G	4.4		1.4	16	SOLOMON ISLANDS
06	20	37	00.6*	28.055	N	143.607	E	10	G	4.7		1.4	19	BONIN ISLANDS REGION
06	20	37	02.1&	61.259	N	150.695	W	47					85	SOUTHERN ALASKA. <AEIC>. ML 3.4 (AEIC), 3.5 (PMR).
06	20	38	10.8*	28.023	N	143.788	E	10	G			1.7	15	BONIN ISLANDS REGION
06	20	50	53.4*	28.085	N	143.526	E	10	G	4.2		1.2	14	BONIN ISLANDS REGION
06	21	03	53.0&	61.255	N	150.696	W	47					65	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
06	22	24	53.7?	7.13	S	129.22	E	150	G	3.7		1.9	8	BANDA SEA
06	22	25	59.9*	28.019	N	143.641	E	10	G	4.8		1.3	22	BONIN ISLANDS REGION
06	22	39	57.9*	9.883	N	126.456	E	33	N	4.6		1.1	18	MINDANAO, PHILIPPINE ISLANDS
06	22	59	24.7	36.803	N	4.485	W	80	G			1.0	43	STRAIT OF GIBRALTAR. Felt.
06	23	20	30.3	80.264	N	1.648	W	10	G	4.4		1.2	31	NORTH OF SVALBARD
07	00	05	24.9?	27.95	N	143.76	E	10	G	4.2		1.0	6	BONIN ISLANDS REGION
07	00	51	46.7?	12.65	N	143.61	E	33	N			1.1	5	SOUTH OF MARIANA ISLANDS
07	01	03	48.0&	59.887	N	151.649	W	45					56	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
07	01	15	20.7*	27.968	N	143.810	E	10	G	4.7		1.2	11	BONIN ISLANDS REGION
07	01	58	58.9*	27.895	N	143.852	E	10	G	4.2		0.7	7	BONIN ISLANDS REGION
07	02	33	46.8*	13.977	N	146.668	E	33	N	3.9		1.4	8	SOUTH OF MARIANA ISLANDS
07	02	40	49.6&	60.160	N	153.530	W	150					56	SOUTHERN ALASKA. <AEIC>.
07	03	10	57.7	16.082	S	177.724	W	33	N	5.1	5.0	1.0	98	FIJI ISLANDS REGION. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 03:11:02.1; Lat 16.18 S; Lon 177.42 W; Dep 16.6; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.23, Plg=5, Azm=112; (N) Val=-0.50, Plg=82, Azm=241; (P) Val=-1.73, Plg=6, Azm=22; Best double couple: Mo=2.0*10**17 Nm; NP1: Strike=157, Dip=82, Slip=-179; NP2: Strike=67, Dip=89, Slip=-8.
07	03	54	53.2*	41.436	N	141.695	E	100	G			1.2	13	HOKKAIDO, JAPAN REGION
07	04	38	23.9	28.158	N	143.506	E	10	G	4.8	4.4	0.9	64	BONIN ISLANDS REGION
07	05	07	33.5?	27.97	N	143.85	E	10	G			0.6	5	BONIN ISLANDS REGION
07	05	20	34.8*	41.461	N	15.588	E	10	G			1.1	12	SOUTHERN ITALY
07	05	27	35.9	52.796	N	142.831	E	33	N	4.8		0.7	78	SAKHALIN ISLAND. Felt (III) at Moskalvo, Nikolayevsk-na-Amure and Okha.
07	05	48	55.9*	44.020	N	11.266	E	10	G			1.0	13	NORTHERN ITALY
07	05	49	58.8	52.753	N	142.852	E	33	N	4.4		0.6	29	SAKHALIN ISLAND. Felt (III) at Nikolayevsk-na-Amure and Okha.
07	06	01	01.7*	27.148	N	143.667	E	10	G	4.4		0.6	9	BONIN ISLANDS REGION
07	06	06	14.6	9.770	N	126.196	E	33	N	5.1		1.2	45	MINDANAO, PHILIPPINE ISLANDS
07	06	10	16.7	9.785	N	126.340	E	33	N	5.7	6.0	1.5	136	MINDANAO, PHILIPPINE ISLANDS. Mw 6.1 (HRV), 6.0 (GS). Me 5.7 (GS). Ms 5.9 (BRK). Broadband Source Parameters (GS): Dep 20; NP1: Strike=15, Dip=75, Slip=95; NP2: Strike=176, Dip=16, Slip=72; Radiated energy 8.0*10**12 Nm. Moment Tensor (GS): Dep 17; Principal axes (scale 10**18 Nm): (T) Val=1.22, Plg=50, Azm=315; (N) Val=-0.03, Plg=25, Azm=191; (P) Val=-1.19, Plg=29, Azm=86; Best double couple:

													Mo=1.2*10**18 Nm; NP1: Strike=129, Dip=28, Slip=26; NP2: Strike=16, Dip=78, Slip=115.
													Centroid, Moment Tensor (HRV): Centroid origin time 06:10:22.2; Lat 9.93 N; Lon 126.79 E; Dep 28.9; Half-duration 2.5 sec; Principal axes (scale 10**18 Nm): (T) Val=1.56, Plg=68, Azm=295; (N) Val=0.05, Plg=8, Azm=185; (P) Val=-1.61, Plg=20, Azm=92; Best double couple: Mo=1.6*10**18 Nm; NP1: Strike=168, Dip=26, Slip=72; NP2: Strike=8, Dip=66, Slip=99.
													Scalar Moment (PPT): Mo=2.9*10**18 Nm.
07	06	18	04.4?	9.85	N	126.50	E	33	N			1.2	8 MINDANAO, PHILIPPINE ISLANDS
07	06	23	23.2*	9.825	N	126.424	E	33	N			0.8	15 MINDANAO, PHILIPPINE ISLANDS
07	06	24	59.8*	9.897	N	126.249	E	33	N	4.7		1.2	32 MINDANAO, PHILIPPINE ISLANDS
07	06	46	49.7*	27.913	N	143.742	E	10	G	4.5		1.3	18 BONIN ISLANDS REGION
07	06	56	01.9*	27.031	S	26.642	E	5	G	4.4		1.1	15 REPUBLIC OF SOUTH AFRICA
07	07	02	35.2?	10.01	N	126.99	E	33	N	4.4		1.0	11 PHILIPPINE ISLANDS REGION
07	07	09	17.4*	55.894	S	27.900	W	150	G	4.6		0.8	13 SOUTH SANDWICH ISLANDS REGION
07	07	14	57.3*	9.076	S	123.989	E	150	G	4.6		1.3	17 TIMOR REGION, INDONESIA
07	07	17	30.2	9.920	N	126.499	E	33	N	5.1		1.0	35 MINDANAO, PHILIPPINE ISLANDS
07	07	20	45.7	30.743	N	137.590	E	488		4.4		1.0	45 SOUTH OF HONSHU, JAPAN
07	07	39	15.5	9.859	N	126.402	E	33	N	5.3	5.0	1.0	80 MINDANAO, PHILIPPINE ISLANDS
07	07	41	47.0&	62.285	N	150.955	W	65					73 CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 2.9 (PMR).
07	08	01	39.2%	9.873	N	125.950	E	33	N			0.5	10 MINDANAO, PHILIPPINE ISLANDS
07	08	16	13.0*	9.865	N	126.664	E	33	N	4.3		0.7	18 MINDANAO, PHILIPPINE ISLANDS
07	08	19	36.1*	9.898	N	126.540	E	33	N	4.7		0.9	27 MINDANAO, PHILIPPINE ISLANDS
07	08	26	27.8*	10.008	N	126.501	E	33	N	4.7		1.3	21 PHILIPPINE ISLANDS REGION
07	08	36	54.9	28.038	N	143.363	E	10	G	4.9	4.5	1.0	77 BONIN ISLANDS REGION
07	08	48	40.5*	9.904	N	126.360	E	33	N	4.3		1.1	19 MINDANAO, PHILIPPINE ISLANDS
07	08	50	03.7	43.728	N	111.079	W	5	G			0.8	36 EASTERN IDAHO. ML 3.6 (GS), 3.8 (BUT). Felt in the Jackson, Wyoming area.
07	09	06	58.3*	9.869	N	126.342	E	33	N	4.3		0.6	9 MINDANAO, PHILIPPINE ISLANDS
07	09	21	56.8?	9.91	N	126.20	E	33	N	4.5		1.4	19 MINDANAO, PHILIPPINE ISLANDS
07	09	34	22.1*	9.946	N	126.383	E	33	N	4.3		1.3	15 MINDANAO, PHILIPPINE ISLANDS
07	09	38	17.7?	27.62	N	143.91	E	10	G	4.2		1.4	5 BONIN ISLANDS REGION
07	09	45	34.5	9.873	N	126.190	E	33	N	4.9		1.0	55 MINDANAO, PHILIPPINE ISLANDS
07	09	46	21.7	9.840	N	126.377	E	33	N	5.2		1.1	56 MINDANAO, PHILIPPINE ISLANDS
07	09	50	13.6	9.821	N	126.359	E	33	N	5.3	4.8	1.0	64 MINDANAO, PHILIPPINE ISLANDS
07	10	03	54.0	28.063	N	143.513	E	10	G	5.0	4.7	1.3	51 BONIN ISLANDS REGION
07	10	09	42.5%	28.352	N	143.299	E	10	G			1.4	6 BONIN ISLANDS REGION
07	10	21	20.0*	9.888	N	126.334	E	33	N	4.7		1.1	28 MINDANAO, PHILIPPINE ISLANDS
07	10	25	08.6&	65.729	N	143.933	W	10					63 NORTHERN ALASKA. <AEIC>. ML 3.8 (AEIC).
07	10	34	31.9	9.865	N	126.468	E	33	N	5.2	4.5	1.0	56 MINDANAO, PHILIPPINE ISLANDS. Mw 5.2 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 10:34:33.4; Lat 9.71 N; Lon 127.04 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.62, Plg=80, Azm=119; (N) Val=4.30, Plg=4, Azm=4; (P) Val=-9.92, Plg=9, Azm=273; Best double couple: Mo=7.8*10**16 Nm; NP1: Strike=358, Dip=36, Slip=83; NP2: Strike=187, Dip=54, Slip=95.
07	10	40	27.6	9.956	N	126.653	E	33	N	5.0		1.1	45 MINDANAO, PHILIPPINE ISLANDS
07	11	39	18.0*	28.203	N	143.470	E	10	G	4.4		1.4	10 BONIN ISLANDS REGION
07	12	05	42.6*	28.082	N	143.476	E	10	G	4.2		1.5	11 BONIN ISLANDS REGION
07	12	14	13.8*	10.025	N	126.494	E	33	N	4.2		0.9	15 PHILIPPINE ISLANDS REGION
07	12	16	08.7	44.820	N	10.344	E	10	G			1.0	29 NORTHERN ITALY. ML 3.2 (LDG), 3.2 (VIE).
07	12	32	48.6*	10.022	N	126.503	E	33	N	4.4		1.4	19 PHILIPPINE ISLANDS REGION
07	12	58	17.3?	36.05	N	71.66	E	200	G			1.4	7 AFGHANISTAN-TAJIKISTAN BORD REG.
07	12	59	02.8*	9.705	N	126.364	E	33	N	4.4		1.1	12 MINDANAO, PHILIPPINE ISLANDS
07	13	03	43.6*	3.346	S	142.798	E	33	N	4.8		1.2	21 NEAR N COAST OF NEW GUINEA, PNG.
07	13	17	54.1	9.836	N	126.409	E	33	N	4.8		1.0	42 MINDANAO, PHILIPPINE ISLANDS
07	13	25	19.3%	34.042	S	70.688	W	80	G			0.5	8 CHILE-ARGENTINA BORDER REGION
07	14	01	35.5*	2.447	S	129.262	E	33	N	4.0		0.9	7 SERAM, INDONESIA
07	14	23	43.7%	51.692	N	159.680	E	33	N			0.9	9 OFF EAST COAST OF KAMCHATKA
07	14	33	43.2?	4.89	S	101.41	E	33	N			1.5	6 SOUTHERN SUMATERA, INDONESIA
07	14	49	56.0*	9.804	N	126.306	E	33	N			0.5	11 MINDANAO, PHILIPPINE ISLANDS
07	14	52	33.4?	4.05	S	139.81	E	33	N	4.3		0.8	10 IRIAN JAYA, INDONESIA
07	15	23	44.4%	44.442	N	7.505	E	5	G			0.3	8 NORTHERN ITALY. ML 2.3 (LDG).
07	15	28	45.3%	32.772	N	130.702	E	10	G			0.6	5 KYUSHU, JAPAN
07	15	29	45.2*	9.860	N	126.278	E	33	N	4.7		0.9	26 MINDANAO, PHILIPPINE ISLANDS
07	16	15	53.7?	51.41	N	160.36	E	33	N			1.5	8 OFF EAST COAST OF KAMCHATKA
07	16	21	36.9*	44.367	N	150.211	E	33	N			1.2	14 EAST OF KURIL ISLANDS
07	16	43	45.6	44.744	N	10.714	E	10	G			1.3	19 NORTHERN ITALY. ML 3.0 (LDG), 3.0 (VIE).
07	16	51	07.8*	51.679	N	159.548	E	33	N	3.7		0.7	16 OFF EAST COAST OF KAMCHATKA
07	17	26	32.4*	3.271	S	143.082	E	33	N	4.6		1.3	22 NEAR N COAST OF NEW GUINEA, PNG.
07	18	16	27.1*	9.325	S	123.929	E	33	N	3.5		1.1	10 TIMOR REGION, INDONESIA
07	18	46	54.5	6.772	S	129.573	E	150	G	4.6		1.2	29 BANDA SEA
07	18	51	33.7	9.861	N	126.417	E	33	N	4.9		1.0	34 MINDANAO, PHILIPPINE ISLANDS
07	18	54	26.1*	9.800	N	126.401	E	33	N	4.7		1.3	28 MINDANAO, PHILIPPINE ISLANDS
07	19	23	44.9?	6.01	S	149.79	E	33	N	4.0		1.1	7 NEW BRITAIN REGION, P.N.G.
07	19	40	11.7&	61.224	N	149.715	W	40					50 SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
07	20	06	40.0&	61.079	N	149.849	W	34					64 SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
07	20	26	36.3*	28.041	N	143.731	E	10	G	4.3		1.2	16 BONIN ISLANDS REGION
07	20	48	35.1	51.671	N	16.173	E	5	G			0.6	13 POLAND. ML 2.9 (MOX), 2.6 (CLL).
07	21	03	41.4*	38.655	N	70.083	E	33	N	3.9		1.2	14 AFGHANISTAN-TAJIKISTAN BORD REG.
07	21	12	14.9*	28.086	N	143.790	E	10	G	4.2		1.0	6 BONIN ISLANDS REGION
07	21	45	44.1?	9.89	N	126.53	E	33	N			1.2	9 MINDANAO, PHILIPPINE ISLANDS
07	21	51	12.9?	32.33	S	179.79	E	400	G	4.1		1.3	18 SOUTH OF KERMADEC ISLANDS
07	21	57	37.2?	10.23	N	126.81	E	33	N	4.6		1.5	16 PHILIPPINE ISLANDS REGION
07	22	24	07.2*	25.029	N	141.884	E	76	*	4.7		1.2	18 VOLCANO ISLANDS REGION
07	22	53	19.2	9.934	N	126.310	E	33	N	5.2	5.2	1.1	86 MINDANAO, PHILIPPINE ISLANDS. Mw 5.5 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 22:53:23.5; Lat 9.93 N Fix; Lon 126.31 E Fix; Dep 15.0 Fix; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.73, Plg=50, Azm=299; (N) Val=0.51, Plg=3,

Azm=205; (P) Val=-2.24, Plg=40, Azm=112; Best double couple: Mo=2.0*10**17 Nm; NP1: Strike=171, Dip=6, Slip=56; NP2: Strike=25, Dip=85, Slip=93.

07	22	57	28.7	9.995	N	126.251	E	33	N	4.8		0.9	26	MINDANAO, PHILIPPINE ISLANDS
07	23	12	21.6*	9.915	N	126.469	E	33	N	4.6		0.9	17	MINDANAO, PHILIPPINE ISLANDS
07	23	24	08.2*	9.958	N	126.460	E	33	N	4.5		1.3	30	MINDANAO, PHILIPPINE ISLANDS
07	23	31	30.3?	20.72	S	170.06	E	100	G	4.2		1.1	9	VANUATU ISLANDS
07	23	46	43.6*	28.200	N	143.411	E	10	G	4.8		1.5	16	BONIN ISLANDS REGION
08	00	12	54.7*	27.926	N	143.553	E	10	G	4.7		1.1	15	BONIN ISLANDS REGION
08	00	51	31.3*	9.963	N	126.335	E	33	N	4.7		1.0	31	MINDANAO, PHILIPPINE ISLANDS
08	00	54	13.2*	29.345	N	81.637	E	33	N	5.0		1.4	15	NEPAL
08	01	13	11.1	28.092	N	143.516	E	10	G	4.9		0.7	47	BONIN ISLANDS REGION
08	04	26	11.2*	9.935	N	126.310	E	33	N	4.4		1.4	19	MINDANAO, PHILIPPINE ISLANDS
08	04	32	27.8*	25.781	N	102.564	E	33	N			1.1	9	YUNNAN, CHINA
08	04	37	12.3?	29.85	S	177.93	W	100	G	4.4		0.3	6	KERMADEC ISLANDS, NEW ZEALAND
08	04	59	52.9?	36.14	N	4.57	W	33	N			1.3	7	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
08	05	05	18.4*	31.587	N	50.300	E	33	N	4.5		0.8	32	NORTHERN IRAN
08	05	51	25.4*	44.487	N	129.986	W	10	G	3.5		0.8	54	OFF COAST OF OREGON
08	05	55	29.3	44.507	N	129.799	W	10	G	4.0		0.8	93	OFF COAST OF OREGON
08	06	22	39.8*	9.630	N	126.502	E	33	N	4.7		1.3	16	MINDANAO, PHILIPPINE ISLANDS
08	07	09	52.9	33.811	N	137.103	E	350		4.7		1.0	97	NEAR S. COAST OF HONSHU, JAPAN
08	07	19	07.3	18.039	N	68.534	W	73	D	4.8		1.0	83	MONA PASSAGE. MD 4.6 (MPR). Felt strongly in western Puerto Rico. Felt at Cayey and Ponce, Puerto Rico.
08	08	55	39.4?	22.27	S	170.32	E	33	N	4.7	4.6	1.5	30	LOYALTY ISLANDS REGION
08	08	58	07.1&	33.773	S	71.209	W	60	G			0.1	9	NEAR COAST OF CENTRAL CHILE
08	09	22	35.3*	20.324	S	176.669	W	250	G	4.5		0.8	23	FIJI ISLANDS REGION
08	09	23	55.4&	63.090	N	150.420	W	112					73	CENTRAL ALASKA. <AEIC>.
08	10	08	43.3*	9.928	N	126.512	E	33	N	4.3		1.2	15	MINDANAO, PHILIPPINE ISLANDS
08	10	16	47.7?	14.26	N	56.49	E	10	G			1.4	7	ARABIAN SEA
08	11	07	01.2*	9.741	S	124.816	E	100	G	3.8		1.1	11	TIMOR REGION, INDONESIA
08	11	27	50.1&	34.828	N	133.148	E	10	G			1.4	8	NEAR S. COAST OF WESTERN HONSHU
08	11	37	37.0?	9.70	N	126.51	E	33	N			0.3	6	MINDANAO, PHILIPPINE ISLANDS
08	12	16	29.0*	51.549	N	159.305	E	33	N			1.3	10	OFF EAST COAST OF KAMCHATKA
08	12	55	29.8&	28.210	N	143.630	E	10	G			1.0	6	BONIN ISLANDS REGION
08	12	56	06.9*	27.976	N	143.885	E	10	G	4.6		1.3	12	BONIN ISLANDS REGION
08	13	30	06.3*	11.670	N	125.427	E	33	N	4.6		1.0	21	SAMAR, PHILIPPINE ISLANDS
08	14	00	50.5	22.258	S	179.223	W	553	D	5.2		0.8	247	SOUTH OF FIJI ISLANDS. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 14:00:55.6; Lat 22.14 S; Lon 179.19 W; Dep 566.2; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=2.05, Plg=31, Azm=204; (N) Val=-0.23, Plg=23, Azm=99; (P) Val=-1.82, Plg=50, Azm=340; Best double couple: Mo=1.9*10**17 Nm; NP1: Strike=342, Dip=25, Slip=-25; NP2: Strike=95, Dip=80, Slip=-113.
08	14	03	25.0	38.934	N	142.301	E	87	D	4.8		0.8	24	NEAR EAST COAST OF HONSHU, JAPAN
08	14	56	32.1	51.192	N	179.149	E	33	N	4.2		0.9	25	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.4 (PMR).
08	15	11	33.2?	36.63	N	7.23	W	7±	?			0.6	18	STRAIT OF GIBRALTAR
08	16	02	03.5	51.090	N	179.266	E	33	N	4.2		0.9	27	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.6 (PMR).
08	16	18	31.2*	51.097	N	179.096	E	33	N			0.6	5	RAT ISLANDS, ALEUTIAN ISLANDS
08	16	37	14.0?	31.13	S	177.74	W	50	G	4.8		1.1	12	KERMADEC ISLANDS REGION
08	17	00	54.2?	17.50	S	178.69	W	550	G	4.5		0.8	17	FIJI ISLANDS REGION
08	17	32	20.9	27.578	N	139.876	E	480	*	4.6		0.8	47	BONIN ISLANDS REGION
08	17	51	07.1&	59.994	N	152.826	W	112		4.5			41	SOUTHERN ALASKA. <AEIC>. Felt (II) at Anchorage. Also felt at Ninilchik.
08	18	12	48.9*	9.973	N	126.359	E	33	N	4.4		1.4	16	MINDANAO, PHILIPPINE ISLANDS
08	18	39	58.1&	59.914	N	153.489	W	134					36	SOUTHERN ALASKA. <AEIC>.
08	19	20	01.7&	28.113	N	143.532	E	10	G			1.3	6	BONIN ISLANDS REGION
08	19	22	39.7&	33.772	N	135.373	E	33	N			0.3	7	NEAR S. COAST OF WESTERN HONSHU
08	19	24	26.0&	9.952	N	126.265	E	33	N			0.8	9	MINDANAO, PHILIPPINE ISLANDS
08	19	56	46.8	48.029	N	7.359	E	10	G			1.5	18	FRANCE. ML 2.6 (LDG).
08	20	03	15.3?	27.98	N	143.90	E	10	G	4.5		0.5	5	BONIN ISLANDS REGION
08	20	21	30.2*	28.177	N	143.632	E	10	G	4.2		0.8	6	BONIN ISLANDS REGION
08	20	41	48.6&	36.636	N	140.360	E	33	N			0.5	5	NEAR EAST COAST OF HONSHU, JAPAN
08	21	05	41.5	44.374	N	7.850	W	10	G			0.7	25	NORTH ATLANTIC OCEAN. mbLg 3.3 (MDD). ML 3.2 (LDG).
08	21	21	47.0&	63.343	N	145.213	W	3					37	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
08	21	42	38.6*	12.788	N	87.842	W	33	N			0.7	16	NEAR COAST OF NICARAGUA. MD 3.6 (SSS). Felt (III) at San Salvador, El Salvador.
08	21	53	06.6?	18.32	N	145.30	E	400	G			0.4	6	MARIANA ISLANDS
08	23	15	38.7*	36.071	N	70.687	E	200	G			1.1	12	HINDU KUSH REGION, AFGHANISTAN
09	00	47	08.7*	9.846	N	126.479	E	33	N	4.7		1.1	37	MINDANAO, PHILIPPINE ISLANDS
09	01	05	31.5?	37.46	N	72.03	E	100	G	4.6		0.4	10	TAJIKISTAN
09	01	21	24.7*	9.938	N	126.340	E	33	N	4.4		1.0	18	MINDANAO, PHILIPPINE ISLANDS
09	01	30	56.3	28.169	N	143.392	E	10	G	4.9		0.9	56	BONIN ISLANDS REGION
09	01	33	28.1	28.124	N	143.317	E	10	G	4.7		0.9	32	BONIN ISLANDS REGION
09	01	39	05.6*	28.115	N	143.256	E	10	G	4.5		1.2	11	BONIN ISLANDS REGION
09	02	00	52.8*	28.231	N	143.567	E	10	G	4.4		1.3	12	BONIN ISLANDS REGION
09	03	01	18.5	5.550	S	102.616	E	33	N	4.7		1.0	34	SOUTHERN SUMATERA, INDONESIA
09	03	40	24.7	21.888	N	98.942	E	33	N	4.2		0.9	21	MYANMAR
09	03	41	14.1&	58.541	N	156.055	W	148					60	ALASKA PENINSULA. <AEIC>.
09	03	44	55.2	43.205	N	0.045	W	10	G			1.3	42	PYRENEES. mbLg 3.2 (MDD). ML 3.2 (LDG), 2.8 (STR). Felt (III) in the Bearn and Bigorre regions, France.
09	03	56	03.6&	59.803	N	152.940	W	104					80	SOUTHERN ALASKA. <AEIC>.
09	03	58	00.8&	59.764	N	150.845	W	35					13	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
09	04	11	59.3*	10.229	N	92.714	E	33	N	4.5		0.8	13	ANDAMAN ISLANDS, INDIA
09	04	39	44.0*	28.140	N	143.442	E	10	G	4.5		1.0	13	BONIN ISLANDS REGION
09	04	48	21.2	51.671	N	16.222	E	5	G			0.5	14	POLAND. ML 3.4 (GRF), 3.3 (VIE), 3.1 (MOX).
09	05	01	02.3?	34.64	N	32.11	E	33	N	4.0		0.9	16	CYPRUS REGION
09	05	08	25.8?	36.65	S	97.25	W	10	G			0.4	5	WEST CHILE RISE
09	05	16	07.0*	51.614	N	16.354	E	5	G			1.0	9	POLAND. ML 2.7 (MOX).
09	05	26	03.3*	9.981	N	126.349	E	33	N	4.7		0.8	25	MINDANAO, PHILIPPINE ISLANDS
09	05	58	04.3?	55.34	S	29.13	W	33	N			0.9	8	SOUTH SANDWICH ISLANDS REGION
09	06	00	35.7?	46.44	N	143.16	E	300	G			1.3	9	SAKHALIN ISLAND
09	06	02	21.3&	34.107	S	70.301	W	10	G			0.3	7	CHILE-ARGENTINA BORDER REGION

09 06 11 14.5 10.254 N 121.709 E 33 N 5.1 4.6 1.0 77 PANAY, PHILIPPINE ISLANDS. Mw 5.4 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time 06:11:17.4; Lat 10.50 N; Lon 121.38 E; Dep 37.1; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.62, Plg=15, Azm=81; (N) Val=-0.27, Plg=50, Azm=189; (P) Val=-1.35, Plg=36, Azm=340; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=127, Dip=53, Slip=-163; NP2: Strike=26, Dip=76, Slip=-38.
09 06 22 08.4 1.232 N 122.974 E 59 * 4.9 1.2 52 MINAHASSA PENINSULA, SULAWESI
09 06 51 09.8? 15.24 S 173.95 W 33 N 4.5 1.0 12 TONGA ISLANDS
09 07 02 39.1? 5.78 S 146.87 E 102 * 4.1 1.3 17 EASTERN NEW GUINEA REG., P.N.G.
09 07 08 44.3 22.037 N 92.343 E 33 N 4.2 0.6 16 INDIA-BANGLADESH BORDER REGION
09 07 19 15.4? 32.49 S 71.69 W 20 G 0.4 10 NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
09 07 24 08.8? 9.75 N 126.21 E 33 N 4.0 1.3 10 MINDANAO, PHILIPPINE ISLANDS
09 07 28 15.7? 9.81 N 126.33 E 33 N 4.2 0.9 9 MINDANAO, PHILIPPINE ISLANDS
09 07 38 51.9? 34.10 S 70.15 W 10 G 0.2 6 CHILE-ARGENTINA BORDER REGION
09 07 53 22.7 34.551 S 179.383 E 84 D 5.4 1.3 117 SOUTH OF KERMADEC ISLANDS. Mw 5.6 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time 07:53:30.6; Lat 34.35 S; Lon 179.59 E; Dep 109.6; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.78, Plg=37, Azm=113; (N) Val=-0.03, Plg=0, Azm=23; (P) Val=-2.75, Plg=53, Azm=292; Best double couple: Mo=2.8*10**17 Nm; NP1: Strike=204, Dip=8, Slip=-89; NP2: Strike=23, Dip=82, Slip=-90.
09 07 53 49.2 36.156 N 24.769 E 33 N 0.9 17 SOUTHERN GREECE
09 08 00 41.6? 45.34 N 6.81 E 5 G 4 FRANCE. ML 1.8 (LDG).
09 09 05 08.0 0.619 S 80.935 W 33 N 4.9 0.9 38 NEAR COAST OF ECUADOR
09 09 14 50.5* 46.959 N 11.296 E 10 G 0.2 7 NORTHERN ITALY. ML 1.6 (VIE).
09 09 34 46.0* 32.409 S 179.150 W 100 G 5.2 1.3 29 SOUTH OF KERMADEC ISLANDS
09 09 43 39.7* 45.859 N 148.995 E 100 G 4.5 1.0 41 KURIL ISLANDS
09 10 19 54.2& 33.141 S 70.455 W 90 G 0.2 10 CHILE-ARGENTINA BORDER REGION. MD 2.3 (SAN).
09 10 22 44.8& 44.098 N 6.937 E 5 G 0.3 8 FRANCE. ML 1.8 (LDG).
09 10 36 38.6? 20.61 S 178.09 W 450 G 4.1 0.6 8 FIJI ISLANDS REGION
09 10 45 26.7& 58.184 N 152.815 W 57 118 KODIAK ISLAND REGION. <AEIC>. ML 3.7 (AEIC), 4.0 (PMR).
09 11 14 48.2? 37.13 N 3.66 W 10 G 0.7 4 SPAIN. mbLg 2.1 (MDD).
09 11 38 40.5? 33.53 S 73.10 W 20 G 0.5 10 OFF COAST OF CENTRAL CHILE. MD 3.9 (SAN).
09 12 43 34.1 9.939 N 126.185 E 33 N 5.2 4.7 1.0 55 MINDANAO, PHILIPPINE ISLANDS. Mw 5.5 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time 12:43:38.5; Lat 9.94 N Fix; Lon 126.31 E Fix; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=2.13, Plg=55, Azm=247; (N) Val=0.01, Plg=9, Azm=350; (P) Val=-2.15, Plg=33, Azm=87; Best double couple: Mo=2.1*10**17 Nm; NP1: Strike=210, Dip=15, Slip=131; NP2: Strike=349, Dip=79, Slip=80.
09 12 48 00.8 10.011 N 126.249 E 33 N 5.1 0.9 52 PHILIPPINE ISLANDS REGION. Mw 5.3 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time 12:48:06.1; Lat 10.07 N; Lon 126.77 E; Dep 33.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.09, Plg=82, Azm=30; (N) Val=-0.01, Plg=8, Azm=193; (P) Val=-1.08, Plg=2, Azm=284; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=22, Dip=43, Slip=102; NP2: Strike=186, Dip=48, Slip=79.
09 13 06 10.8 10.018 N 126.308 E 33 N 4.7 1.0 29 PHILIPPINE ISLANDS REGION
09 13 13 42.3? 9.88 N 126.51 E 33 N 0.7 7 MINDANAO, PHILIPPINE ISLANDS
09 13 20 13.7* 24.680 S 175.910 W 33 N 4.4 1.1 22 SOUTH OF TONGA ISLANDS
09 13 43 19.9& 37.190 N 3.712 W 10 G 0.8 6 SPAIN. mbLg 2.5 (MDD).
09 13 48 35.8& 45.266 N 6.323 E 5 G 1.1 7 FRANCE. ML 1.7 (LDG).
09 13 50 59.9? 17.35 S 178.62 W 500 G 4.2 0.5 8 FIJI ISLANDS REGION
09 13 56 08.7 31.612 N 123.291 E 33 N 5.3 5.4 1.0 175 OFF COAST OF EASTERN CHINA. Mw 5.6 (HRV). Felt in parts of Anhui, Fujian, Jiangsu, Shandong and Zhejiang Provinces. Also felt at Shanghai.
Centroid, Moment Tensor (HRV): Centroid origin time 13:56:08.2; Lat 31.91 N; Lon 122.91 E; Dep 22.3; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.67, Plg=11, Azm=171; (N) Val=0.04, Plg=78, Azm=13; (P) Val=-2.71, Plg=4, Azm=262; Best double couple: Mo=2.7*10**17 Nm; NP1: Strike=307, Dip=79, Slip=5; NP2: Strike=216, Dip=85, Slip=169.
09 14 05 06.1 44.075 N 10.961 E 10 G 1.0 26 NORTHERN ITALY. ML 3.0 (LDG).
09 15 10 35.0* 10.026 N 126.432 E 33 N 4.7 1.1 26 PHILIPPINE ISLANDS REGION
09 15 21 37.6& 58.188 N 152.885 W 48 48 KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
09 15 38 44.6? 7.01 N 34.38 W 10 G 4.7 4.4 1.6 13 CENTRAL MID-ATLANTIC RIDGE
09 15 38 56.1* 10.052 N 126.481 E 33 N 4.5 1.0 16 PHILIPPINE ISLANDS REGION
09 15 45 27.1? 10.00 N 126.32 E 33 N 4.3 1.1 10 PHILIPPINE ISLANDS REGION
09 17 20 51.8? 43.17 N 146.77 E 100 G 1.4 6 KURIL ISLANDS
09 17 28 41.2* 31.184 S 177.963 W 33 N 5.3 1.1 39 KERMADEC ISLANDS REGION
09 17 29 22.3* 42.418 N 143.171 E 33 N 1.0 12 HOKKAIDO, JAPAN REGION
09 17 30 04.2& 63.346 N 145.279 W 3 45 CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC).
09 18 40 37.7? 35.33 S 71.01 W 110 G 0.9 10 CENTRAL CHILE
09 18 45 33.8? 17.33 S 179.19 W 550 G 4.1 0.9 14 FIJI ISLANDS REGION
09 18 55 54.9 9.962 N 126.307 E 33 N 5.0 0.9 41 MINDANAO, PHILIPPINE ISLANDS
09 19 24 26.5? 20.24 N 146.37 E 33 N 0.7 8 MARIANA ISLANDS REGION
09 19 35 46.9& 44.032 N 10.958 E 10 G 0.8 12 NORTHERN ITALY. ML 2.3 (LDG).
09 20 19 10.9* 10.019 N 126.421 E 33 N 4.6 1.2 21 PHILIPPINE ISLANDS REGION
09 20 29 33.5? 31.62 S 71.68 W 40 G 0.5 10 NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
09 20 36 15.3* 10.017 N 126.276 E 33 N 4.7 1.1 29 PHILIPPINE ISLANDS REGION
09 21 56 32.7? 10.01 N 126.55 E 33 N 4.5 1.2 11 PHILIPPINE ISLANDS REGION
09 22 53 43.0* 6.461 S 100.868 E 33 N 4.2 0.6 13 SOUTHWEST OF SUMATERA, INDONESIA
09 23 08 44.0& 37.083 N 3.630 W 10 G 0.9 7 SPAIN. mbLg 2.5 (MDD).
09 23 54 19.6? 37.26 N 3.82 W 10 G 0.2 4 SPAIN. mbLg 2.1 (MDD).
10 00 50 40.7? 36.00 N 141.37 E 10 G 0.6 5 NEAR EAST COAST OF HONSHU, JAPAN
10 01 52 29.6? 32.26 S 71.70 W 10 G 0.5 9 NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
10 02 27 32.4? 9.24 S 122.83 E 101 ? 4.0 0.9 6 SAVU SEA

10	02	38	27.3*	34.887	N	26.842	E	33	N	3.8		1.4	24	CRETE
10	03	01	56.9?	2.03	S	142.50	E	33	N	3.8		0.8	7	NEAR N COAST OF NEW GUINEA, PNG.
10	03	14	16.6?	33.72	S	71.96	W	10	G			0.7	10	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
10	03	16	17.0&	63.308	N	145.443	W	3					49	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
10	04	09	25.9*	11.735	S	165.139	E	33	N	4.2		1.0	19	SANTA CRUZ ISLANDS
10	05	16	24.7&	62.223	N	150.994	W	71					58	CENTRAL ALASKA. <AEIC>.
10	06	19	49.6*	37.966	N	21.361	E	33	N	4.0		1.4	22	SOUTHERN GREECE
10	06	26	21.7	23.212	S	179.925	E	600	G	5.1		0.8	63	SOUTH OF FIJI ISLANDS
10	09	00	04.1*	18.301	N	76.695	E	33	N	4.1		1.2	24	SOUTHERN INDIA. MD 4.0 (HYB). Felt at Latur.
10	09	27	25.0&	37.085	N	3.582	W	10	G			1.0	8	SPAIN. mbLg 2.5 (MDD).
10	09	28	28.3	49.950	N	5.631	W	10	G			1.0	66	NORTH ATLANTIC OCEAN. ML 4.1 (LDG), 3.9 (STR). Felt (IV) in southwestern Cornwall, United Kingdom.
10	09	33	57.3*	17.347	S	179.054	W	500	G	4.5		0.9	43	FIJI ISLANDS REGION
10	09	44	43.5&	45.662	N	7.033	E	5	G			0.8	6	NORTHERN ITALY. ML 2.0 (LDG).
10	11	00	37.9	10.019	N	126.352	E	33	N	5.1		1.0	60	PHILIPPINE ISLANDS REGION
10	11	14	47.9	10.020	N	126.269	E	33	N	5.1		1.0	44	PHILIPPINE ISLANDS REGION
10	11	24	23.4?	7.68	S	126.86	E	307	*	4.2		0.7	9	BANDA SEA
10	11	47	54.5*	10.004	N	126.543	E	33	N	4.6		0.9	19	PHILIPPINE ISLANDS REGION
10	12	09	54.9*	9.926	N	126.067	E	33	N	4.4		1.2	16	MINDANAO, PHILIPPINE ISLANDS
10	12	55	06.8*	27.105	N	104.375	E	33	N			1.4	9	YUNNAN, CHINA
10	13	31	31.6	28.176	N	143.379	E	10	G	4.9		0.8	60	BONIN ISLANDS REGION
10	13	35	20.7	10.026	N	126.310	E	33	N	4.9		0.8	34	PHILIPPINE ISLANDS REGION
10	13	52	10.0*	28.167	N	143.720	E	10	G			1.1	8	BONIN ISLANDS REGION
10	14	29	54.7*	6.640	S	147.144	E	33	N	4.0		1.1	14	EASTERN NEW GUINEA REG., P.N.G.
10	15	51	56.9*	27.976	S	176.622	W	33	N	4.6		0.6	15	KERMADEC ISLANDS REGION
10	16	03	35.6*	28.022	N	143.701	E	10	G	4.5		0.9	8	BONIN ISLANDS REGION
10	16	52	03.5&	61.535	N	152.087	W	2					37	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC), 2.9 (PMR).
10	17	12	50.8	25.815	S	68.941	W	33	N	4.6		0.9	39	CHILE-ARGENTINA BORDER REGION
10	17	15	29.2?	7.36	S	156.48	E	33	N	3.8		1.1	8	SOLOMON ISLANDS
10	17	19	11.4?	7.40	N	76.64	W	119	?			1.3	10	NORTHERN COLOMBIA
10	17	28	11.2	25.820	S	68.993	W	33	N	4.5		0.9	34	CHILE-ARGENTINA BORDER REGION
10	18	07	19.5	42.384	N	84.792	E	33	N	4.6		0.9	48	NORTHERN XINJIANG, CHINA
10	18	15	21.5	9.959	N	126.321	E	33	N	5.5	5.2	1.1	113	MINDANAO, PHILIPPINE ISLANDS. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 18:15:25.1; Lat 9.94 N; Lon 126.60 E; Dep 15.0 Fix; Half-duration 1.7 sec; Principal axes (scale 10**17 Nm): (T) Val=3.38, Plg=61, Azm=220; (N) Val=-0.23, Plg=11, Azm=330; (P) Val=-3.15, Plg=26, Azm=65; Best double couple: Mo=3.3*10**17 Nm; NP1: Strike=180, Dip=21, Slip=121; NP2: Strike=326, Dip=72, Slip=79.
10	18	23	32.8*	10.075	N	126.377	E	33	N	4.6		1.1	16	PHILIPPINE ISLANDS REGION
10	18	26	10.4	46.419	N	7.419	E	5	G			1.1	43	SWITZERLAND. ML 3.2 (STR), 2.8 (LDG).
10	19	16	18.0?	36.67	N	141.38	E	33	N			0.7	5	NEAR EAST COAST OF HONSHU, JAPAN
10	19	18	18.9	10.874	N	62.489	W	84		4.0		1.0	32	NEAR COAST OF VENEZUELA. MD 3.8 (TRN).
10	19	24	07.1&	37.542	N	118.884	W	5					44	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.3 (BRK), 3.1 (GS).
10	20	07	00.5	3.537	S	131.137	E	62	*	4.8		1.3	45	IRIAN JAYA REGION, INDONESIA
10	20	07	43.9&	33.478	N	132.410	E	33	N			0.8	5	SHIKOKU, JAPAN
10	20	13	05.7*	0.054	N	16.600	W	10	G	4.0		1.1	15	NORTH OF ASCENSION ISLAND
10	20	20	29.8?	41.18	S	89.01	W	10	G			1.0	7	SOUTHERN PACIFIC OCEAN
10	20	44	36.0	36.608	N	71.453	E	200	G	4.1		0.8	50	AFGHANISTAN-TAJIKISTAN BORD REG.
10	22	40	59.9*	36.479	N	70.971	E	247	*	4.2		0.8	15	HINDU KUSH REGION, AFGHANISTAN
10	22	42	00.9*	18.680	S	168.247	E	33	N	4.6	4.8	0.9	26	VANUATU ISLANDS
10	23	23	09.1	41.838	N	15.201	E	10	G	3.9		1.3	113	SOUTHERN ITALY. ML 4.4 (LDG). MD 3.9 (ROM).
10	23	28	53.4	41.854	N	15.195	E	10	G			1.1	17	SOUTHERN ITALY. ML 3.7 (VIE), 3.6 (LDG). MD 3.2 (ROM).
11	00	02	23.9&	73.515	N	8.195	E	10	G			0.6	5	GREENLAND SEA
11	00	12	34.9?	6.52	S	129.70	E	150	G	4.5		0.9	8	BANDA SEA
11	00	24	35.0?	3.26	N	83.13	W	33	N	4.6		1.0	16	OFF COAST OF CENTRAL AMERICA
11	00	47	21.1	32.538	S	179.049	W	33	N	5.9	5.9	1.1	338	SOUTH OF KERMADEC ISLANDS. Mw 6.2 (GS), 6.1 (HRV). Me 5.9 (GS). Ms 5.9 (BRK). Broadband Source Parameters (GS): Dep 32; NP1: Strike=182, Dip=40, Slip=85; NP2: Strike=9, Dip=50, Slip=94; Radiated energy 1.5*10**13 Nm. Moment Tensor (GS): Dep 41; Principal axes (scale 10**18 Nm): (T) Val=2.15, Plg=71, Azm=263; (N) Val=0.09, Plg=19, Azm=90; (P) Val=-2.24, Plg=2, Azm=360; Best double couple: Mo=2.2*10**18 Nm; NP1: Strike=71, Dip=46, Slip=64; NP2: Strike=287, Dip=50, Slip=115. Centroid, Moment Tensor (HRV): Centroid origin time 00:47:28.4; Lat 32.49 S; Lon 178.77 W; Dep 47.1; Half-duration 2.8 sec; Principal axes (scale 10**18 Nm): (T) Val=1.56, Plg=75, Azm=282; (N) Val=0.21, Plg=2, Azm=19; (P) Val=-1.77, Plg=15, Azm=109; Best double couple: Mo=1.7*10**18 Nm; NP1: Strike=202, Dip=30, Slip=94; NP2: Strike=18, Dip=60, Slip=88. Scalar Moment (PPT): Mo=1.7*10**18 Nm.
11	01	03	14.9	28.226	N	143.394	E	10	G	5.1		0.8	99	BONIN ISLANDS REGION
11	02	10	05.3&	48.627	N	1.518	W	5	G			0.2	7	FRANCE. ML 1.8 (LDG).
11	02	55	21.1*	28.397	N	143.272	E	10	G	4.3		1.1	11	BONIN ISLANDS REGION
11	03	50	52.6	30.592	N	131.069	E	33	N	4.9	5.2	1.1	106	KYUSHU, JAPAN. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 03:50:56.5; Lat 30.55 N; Lon 130.75 E; Dep 51.2; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.21, Plg=70, Azm=301; (N) Val=0.29, Plg=1, Azm=210; (P) Val=-1.50, Plg=20, Azm=120; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=208, Dip=25, Slip=88; NP2: Strike=30, Dip=65, Slip=91.
11	05	20	50.8*	35.912	N	140.232	E	74				0.5	11	NEAR EAST COAST OF HONSHU, JAPAN
11	05	27	38.7	45.778	N	10.126	E	10	G			1.0	32	NORTHERN ITALY. ML 2.4 (LDG), 2.2 (VIE).
11	05	32	07.5?	32.85	S	178.75	W	33	N	4.6		0.8	10	SOUTH OF KERMADEC ISLANDS
11	05	46	37.3*	4.811	N	125.503	E	100	G	4.5		0.7	15	TALAUD ISLANDS, INDONESIA
11	06	07	01.0*	7.400	S	128.117	E	81	?	4.2		1.2	14	BANDA SEA
11	06	38	42.1	25.053	S	64.386	W	33	N	5.0	4.5	1.0	46	SALTA PROVINCE, ARGENTINA

11	06	39	46.2?	56.67	S	25.83	W	33	N			1.3	9	SOUTH SANDWICH ISLANDS REGION
11	06	40	26.1	16.111	N	93.696	W	100	G	4.6		0.9	66	CHIAPAS, MEXICO
11	07	04	45.9&	44.709	N	6.753	E	10	G			0.3	8	FRANCE. ML 1.7 (LDG).
11	07	52	06.0?	32.90	S	178.98	W	33	N	4.4		0.7	9	SOUTH OF KERMADEC ISLANDS
11	08	46	49.8?	74.68	N	133.62	E	10	G	3.9		0.7	14	LAPTEV SEA
11	09	01	29.0?	7.43	S	127.94	E	105	?	4.2		1.2	13	BANDA SEA
11	09	09	48.2*	43.025	S	82.509	W	10	G	4.6		1.2	21	WEST CHILE RISE
11	09	22	27.7	19.330	N	95.013	E	80	D	5.6	5.4	0.8	346	MYANMAR. Mw 6.0 (HRV), 5.9 (GS). Broadband Source Parameters (GS): Dep 70; NP1: Strike=90, Dip=70, Slip=125; NP2: Strike=206, Dip=40, Slip=32. Moment Tensor (GS): Dep 80; Principal axes (scale 10**17 Nm): (T) Val=9.21, Plg=33, Azm=40; (N) Val=-0.01, Plg=57, Azm=225; (P) Val=-9.21, Plg=2, Azm=131; Best double couple: Mo=9.2*10**17 Nm; NP1: Strike=181, Dip=66, Slip=23; NP2: Strike=81, Dip=69, Slip=154. Centroid, Moment Tensor (HRV): Centroid origin time 09:22:30.4; Lat 19.27 N; Lon 95.05 E; Dep 85.6; Half-duration 2.4 sec; Principal axes (scale 10**18 Nm): (T) Val=1.18, Plg=29, Azm=51; (N) Val=-0.15, Plg=61, Azm=235; (P) Val=-1.03, Plg=2, Azm=142; Best double couple: Mo=1.1*10**18 Nm; NP1: Strike=191, Dip=68, Slip=20; NP2: Strike=93, Dip=71, Slip=157.
11	09	50	17.4*	19.108	N	94.889	E	70	D			0.7	14	MYANMAR
11	09	58	26.4	44.080	N	7.050	E	10	G			0.3	12	NORTHERN ITALY. ML 2.5 (LDG), 2.0 (GEN).
11	10	52	16.6&	61.823	N	148.852	W	18		4.6			176	SOUTHERN ALASKA. <AEIC>. ML 4.6 (AEIC), 4.5 (PMR). Felt (IV) at Butte, Chickaloon, Palmer, Sutton and Wasilla; (III) at Eagle River; (II) at Anchorage.
11	11	00	06.7&	44.380	N	8.455	E	10	G			0.9	9	NORTHERN ITALY. ML 2.5 (LDG).
11	11	23	04.8?	8.60	S	128.04	E	33	N			1.8	6	TIMOR SEA
11	12	16	46.0	22.117	S	179.643	W	598	D	4.7		0.8	70	SOUTH OF FIJI ISLANDS
11	12	22	02.9*	15.698	S	174.653	W	33	N	4.2		0.9	12	TONGA ISLANDS
11	12	24	29.3&	46.194	N	2.903	E	10	G			0.5	7	FRANCE. ML 1.6 (LDG).
11	12	56	21.6	44.785	N	10.451	E	10	G			1.1	18	NORTHERN ITALY. ML 2.8 (VIE), 2.7 (LDG).
11	14	06	52.0?	9.20	N	126.51	E	33	N	4.3		1.2	13	MINDANAO, PHILIPPINE ISLANDS
11	15	04	56.6&	36.112	N	140.052	E	33	N			0.3	5	NEAR EAST COAST OF HONSHU, JAPAN
11	15	14	09.5*	5.257	S	146.282	E	153		4.5		1.3	25	EASTERN NEW GUINEA REG., P.N.G.
11	15	22	52.0?	7.73	S	127.82	E	139	?	4.1		1.1	10	BANDA SEA
11	15	53	38.6	28.320	N	143.404	E	10	G	4.5		1.0	20	BONIN ISLANDS REGION
11	16	00	08.1&	8.073	N	82.743	W	10	G			0.4	5	PANAMA-COSTA RICA BORDER REGION. MD 3.9 (UPA).
11	16	02	34.1?	19.46	S	175.59	W	200	G	3.6		1.0	11	TONGA ISLANDS
11	16	47	57.9	7.997	S	109.079	E	130		4.5		0.9	37	JAWA, INDONESIA
11	17	20	51.7	28.190	N	143.394	E	10	G	4.5		1.0	21	BONIN ISLANDS REGION
11	17	32	51.6*	27.201	N	143.650	E	10	G	3.9		0.7	5	BONIN ISLANDS REGION
11	17	34	43.4*	28.749	N	66.131	E	33	N	4.2		1.5	15	PAKISTAN
11	17	41	16.8&	63.534	N	150.875	W	13					45	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR).
11	17	49	39.1&	35.846	N	2.155	W	5	G			0.5	7	STRAIT OF GIBRALTAR. mbLg 3.2 (MDD).
11	17	55	37.8	4.552	S	152.978	E	60	D	5.1		1.1	62	NEW BRITAIN REGION, P.N.G. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 17:55:35.6; Lat 5.02 S; Lon 153.14 E; Dep 66.2; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.79, Plg=64, Azm=317; (N) Val=-3.20, Plg=20, Azm=96; (P) Val=-5.60, Plg=16, Azm=192; Best double couple: Mo=7.2*10**16 Nm; NP1: Strike=308, Dip=34, Slip=127; NP2: Strike=85, Dip=63, Slip=68.
11	18	05	20.6*	17.936	S	66.967	W	302				1.0	15	CENTRAL BOLIVIA
11	18	11	03.4&	1.352	N	98.980	E	100	G			0.3	7	NORTHERN SUMATERA, INDONESIA
11	18	19	42.2&	25.059	N	66.758	E	33	N			0.6	7	PAKISTAN. Felt at Karachi.
11	18	55	30.9*	15.504	S	74.535	W	33	N	4.7		1.3	16	NEAR COAST OF PERU
11	19	34	44.0*	72.720	N	5.586	E	10	G	3.4		1.2	6	NORWEGIAN SEA
11	20	23	48.9*	28.915	N	91.765	E	33	N	3.9		0.3	6	XIZANG
11	22	00	51.8&	37.427	N	2.276	W	10	G			1.1	6	SPAIN. mbLg 2.8 (MDD).
11	22	06	10.9	9.816	N	126.462	E	33	N	4.9		1.0	51	MINDANAO, PHILIPPINE ISLANDS
12	00	26	06.9?	37.12	N	3.60	W	10	G			0.4	4	SPAIN. mbLg 2.2 (MDD).
12	01	01	59.5*	5.974	S	145.446	E	100	G	4.2		1.0	10	EASTERN NEW GUINEA REG., P.N.G.
12	01	06	26.5	4.737	S	144.249	E	108		3.9		0.9	17	NEAR N COAST OF NEW GUINEA, PNG.
12	01	06	56.7?	32.28	S	178.84	W	33	N	4.5		1.0	8	SOUTH OF KERMADEC ISLANDS
12	01	16	46.7	31.569	N	139.997	E	148	D	4.9		0.9	54	SOUTH OF HONSHU, JAPAN
12	01	42	20.4	15.302	S	173.947	W	33	N	5.0		0.9	76	TONGA ISLANDS
12	02	03	33.0&	38.000	N	90.400	W	5	G				7	EASTERN MISSOURI. <MACRO>. mbLg 2.7 (GS). Felt in the Ste. Genevieve area.
12	02	43	23.5*	4.505	S	153.053	E	33	N	4.8		1.3	33	NEW IRELAND REGION, P.N.G.
12	02	51	47.9?	21.04	S	168.96	E	33	N	4.1		1.0	19	LOYALTY ISLANDS
12	03	10	33.4?	41.21	S	176.41	E	33	N	3.9		1.3	11	OFF E. COAST OF N. ISLAND, N.Z.
12	04	01	15.8	44.446	N	114.758	W	5	G			0.6	10	WESTERN IDAHO. ML 3.0 (BUT).
12	04	20	58.7	29.919	N	77.172	E	54	*	4.5		0.8	23	NORTHERN INDIA
12	06	13	24.9*	33.866	N	90.221	E	33	N	4.3		0.5	9	QINGHAI, CHINA
12	07	19	39.2*	43.458	N	147.782	E	33	N	4.6		1.1	27	KURIL ISLANDS
12	07	23	03.2	43.208	N	147.996	E	33	N	5.0	4.5	1.2	48	KURIL ISLANDS
12	09	14	25.6&	61.715	N	151.641	W	92					78	SOUTHERN ALASKA. <AEIC>.
12	09	19	27.1	18.127	N	66.804	W	10	G			1.0	7	PUERTO RICO REGION. MD 3.4 (MPR). Felt at Adjuntas, Guayanilla, Penuelas and Yauco.
12	09	49	51.2*	51.383	N	16.151	E	5	G			1.5	6	POLAND. ML 2.6 (MOX).
12	09	52	47.0*	43.324	N	147.557	E	78	?	4.2		0.7	18	KURIL ISLANDS
12	10	09	14.7&	43.479	N	147.724	E	33	N			1.2	10	KURIL ISLANDS
12	10	23	35.4*	21.144	S	168.933	E	33	N	4.3		0.7	18	LOYALTY ISLANDS
12	10	40	07.7*	43.372	N	146.851	E	33	N	4.3		1.2	14	KURIL ISLANDS
12	10	49	50.6	34.585	N	32.218	E	33	N	4.5		1.0	40	CYPRUS REGION. ML 4.5 (JER).
12	11	09	06.0?	32.12	S	179.76	E	400	G	3.8		0.6	8	SOUTH OF KERMADEC ISLANDS
12	11	21	35.3*	17.276	S	70.724	W	126		4.6		1.1	18	NEAR COAST OF PERU. Felt (II) at Arequipa.
12	11	27	04.7*	52.865	N	158.178	E	89	?	4.5		0.8	30	NEAR EAST COAST OF KAMCHATKA
12	11	32	07.8*	2.079	N	126.937	E	33	N	3.9		0.9	11	NORTHERN MOLUCCA SEA
12	11	32	28.8	44.840	N	17.463	E	10	G			1.4	20	NORTHWESTERN BALKAN REGION. ML 3.7 (VIE), 3.2 (BRA). Felt by people in high-rise buildings at Banja Luka, Bosnia and

Herzegovina.

12	11	34	39.1*	9.887	N	126.499	E	33	N	4.6	0.8	24	MINDANAO, PHILIPPINE ISLANDS
12	11	34	48.2	25.201	S	64.449	W	33	N	4.6	0.8	32	SALTA PROVINCE, ARGENTINA
12	11	40	44.6*	9.916	N	126.484	E	33	N	4.7	0.9	21	MINDANAO, PHILIPPINE ISLANDS
12	12	46	22.2	1.564	N	126.664	E	59	*	4.8	1.1	36	NORTHERN MOLUCCA SEA
12	12	47	41.5?	31.82	S	70.08	W	150	G		0.5	8	CHILE-ARGENTINA BORDER REGION
12	15	20	19.8?	28.19	N	143.95	E	10	G		1.7	5	BONIN ISLANDS REGION
12	15	49	29.9	33.985	S	70.102	W	118		4.2	0.8	23	CHILE-ARGENTINA BORDER REGION. MD 4.2 (SAN).
12	16	04	25.2*	1.204	S	149.792	E	33	N	4.2	0.8	8	NEW IRELAND REGION, P.N.G.
12	16	07	33.7*	20.677	S	178.772	W	600	G	4.1	0.9	30	FIJI ISLANDS REGION
12	16	19	28.5*	9.126	N	84.141	W	33	N	4.5	1.1	23	COSTA RICA
12	16	30	13.6?	1.00	S	136.72	E	33	N	3.8	0.7	6	IRIAN JAYA REGION, INDONESIA
12	16	59	44.0	14.993	S	75.675	W	33	N	6.5 7.3	1.1	365	NEAR COAST OF PERU. Mw 7.7 (HRV), 7.5 (GS). Me 7.3 (GS). Ms 7.0 (BRK). At least 14 people killed, 560 injured and 12,000 homeless from Chincha Alta to Acari. Over 4,000 houses damaged or destroyed (VIII) at Nazca. Felt (VII) in the Marcona area; (VI) at Ica and Palpa; (IV) at Arequipa and Camana; (III) at Lima and Tacna; (II) at Huancayo and Pucallpa. Felt by people in high-rise buildings at Guayaquil, Ecuador and La Paz, Bolivia. Tsunami generated with maximum recorded wave heights (peak-to-trough) of 25 cm at Callao, Peru; 35 cm at Arica and 21 cm at Caldera, Chile. This thrust earthquake is associated with the subduction of the Nazca Ridge (a major feature of the Nazca plate) beneath the South American plate. It originated near the southern end of a seismic gap between the large Peruvian earthquakes of August 24, 1942 and October 3, 1974, with the aftershock sequence progressing southward into the zone of the 1942 event. Broadband Source Parameters (GS): Dep 21; NP1: Strike=315, Dip=40, Slip=80; NP2: Strike=148, Dip=51, Slip=98; Radiated energy 2.2*10**15 Nm. Complex earthquake with at least two larger events occurring about 18 and 30 seconds after the onset. Depth based on second event. Moment Tensor (GS): Dep 18; Principal axes (scale 10**20 Nm): (T) Val=1.93, Plg=64, Azm=136; (N) Val=0.17, Plg=24, Azm=344; (P) Val=-2.10, Plg=11, Azm=249; Best double couple: Mo=2.0*10**20 Nm; NP1: Strike=312, Dip=40, Slip=51; NP2: Strike=178, Dip=60, Slip=118. Centroid, Moment Tensor (HRV): Centroid origin time 17:00:15.8; Lat 15.04 S; Lon 75.37 W; Dep 37.4; Half-duration 13.1 sec; Principal axes (scale 10**20 Nm): (T) Val=4.55, Plg=65, Azm=117; (N) Val=0.03, Plg=18, Azm=342; (P) Val=-4.59, Plg=16, Azm=247; Best double couple: Mo=4.6*10**20 Nm; NP1: Strike=312, Dip=33, Slip=55; NP2: Strike=172, Dip=64, Slip=110. Scalar Moment (PPT): Mo=7.7*10**20 Nm.
12	17	10	00.4	14.935	S	75.609	W	33	N	5.6	1.0	65	NEAR COAST OF PERU
12	17	16	16.4*	15.111	S	75.069	W	33	N	5.1	1.0	34	NEAR COAST OF PERU
12	17	35	27.0?	15.03	S	75.91	W	33	N		1.0	11	NEAR COAST OF PERU
12	17	39	26.6	14.819	S	75.555	W	33	N	5.2	0.9	74	NEAR COAST OF PERU
12	18	00	55.3*	15.502	S	74.920	W	33	N	4.2	1.0	35	NEAR COAST OF PERU
12	18	07	15.7?	14.99	S	75.44	W	33	N	3.9	1.5	7	NEAR COAST OF PERU
12	18	17	01.3*	51.737	N	168.053	W	33	N		0.8	7	FOX ISLANDS, ALEUTIAN ISLANDS
12	18	17	31.3	15.306	S	75.296	W	33	N	5.2	0.9	76	NEAR COAST OF PERU
12	18	21	29.9*	15.595	S	74.921	W	33	N	4.3	0.9	16	NEAR COAST OF PERU
12	18	26	56.8*	15.511	S	75.173	W	33	N	4.6	1.0	43	NEAR COAST OF PERU
12	18	31	10.8?	15.33	S	75.40	W	33	N	4.6	1.2	11	NEAR COAST OF PERU
12	18	42	16.4	15.031	S	75.729	W	33	N	4.7	1.1	43	NEAR COAST OF PERU
12	19	03	53.7	15.449	S	74.798	W	33	N	4.6	0.8	35	NEAR COAST OF PERU
12	19	05	29.0*	15.512	S	75.452	W	33	N	4.2	1.1	25	NEAR COAST OF PERU
12	19	09	53.2*	15.328	S	75.140	W	33	N	4.2	0.8	17	NEAR COAST OF PERU
12	19	46	33.1*	15.339	S	75.435	W	33	N		0.9	13	NEAR COAST OF PERU
12	19	50	03.0*	14.889	S	75.653	W	33	N	4.0	0.9	15	NEAR COAST OF PERU
12	20	07	46.2	15.114	S	75.657	W	33	N	4.9	0.9	40	NEAR COAST OF PERU
12	20	13	35.1*	15.418	S	75.555	W	33	N		0.9	9	NEAR COAST OF PERU
12	20	22	20.1*	15.605	S	75.368	W	33	N	3.9	0.8	16	NEAR COAST OF PERU
12	20	42	30.8?	15.60	S	76.02	W	33	N		1.7	6	OFF COAST OF PERU
12	20	47	43.0*	15.472	S	75.670	W	33	N	4.7	1.0	23	NEAR COAST OF PERU
12	21	43	58.0	15.269	S	75.511	W	33	N	5.2	1.0	51	NEAR COAST OF PERU
12	22	01	41.5*	15.641	S	75.136	W	33	N	3.9	0.8	15	NEAR COAST OF PERU
12	22	14	29.8*	15.157	S	75.754	W	33	N	4.4	1.0	24	NEAR COAST OF PERU
12	22	31	35.2*	15.622	S	74.710	W	33	N		1.0	13	NEAR COAST OF PERU
12	23	35	14.2	14.929	S	75.556	W	33	N	5.5 4.9	1.0	117	NEAR COAST OF PERU
12	23	58	35.3?	24.84	N	141.20	E	200	G	4.0	0.9	7	VOLCANO ISLANDS REGION
13	00	06	46.5*	15.229	S	75.949	W	33	N	4.5	0.9	13	NEAR COAST OF PERU
13	00	28	20.0	15.053	S	75.623	W	33	N	5.2	0.9	67	NEAR COAST OF PERU
13	00	39	44.8*	36.709	N	141.838	E	33	N		1.3	18	NEAR EAST COAST OF HONSHU, JAPAN
13	00	40	48.0	15.345	S	75.436	W	33	N	4.5	0.9	42	NEAR COAST OF PERU
13	00	54	18.3*	28.265	N	143.037	E	10	G	4.2	0.8	6	BONIN ISLANDS REGION
13	01	29	56.3&	15.253	S	75.576	W	33	N		0.2	6	NEAR COAST OF PERU
13	01	32	17.6?	42.81	N	7.23	W	10	G		0.3	4	SPAIN. mbLg 3.2 (MDD).
13	01	59	49.8*	14.749	S	75.657	W	33	N	4.1	0.8	21	NEAR COAST OF PERU
13	02	02	30.6*	44.551	N	17.124	E	10	G		0.9	7	NORTHWESTERN BALKAN REGION. ML 3.4 (VIE), 2.9 (BRA).
13	02	24	58.0	14.915	S	75.700	W	33	N	5.1	0.9	74	NEAR COAST OF PERU
13	02	29	41.2*	17.838	N	119.834	E	33	N		1.0	8	PHILIPPINE ISLANDS REGION
13	02	41	39.9	14.843	S	75.692	W	33	N	5.6 5.8	1.0	182	NEAR COAST OF PERU. Mw 6.1 (HRV), 6.0 (GS). Ms 5.6 (BRK). Felt (IV) at Nazca, (III) at Ica and (II) at Pisco. Broadband Source Parameters (GS): Dep 23; NP1: Strike=170, Dip=75, Slip=110; NP2: Strike=295, Dip=25, Slip=38. Moment Tensor (GS): Dep 21; Principal axes (scale 10**18 Nm): (T) Val=1.26, Plg=60, Azm=106; (N) Val=0.03, Plg=18, Azm=343; (P) Val=-1.29, Plg=24, Azm=244; Best double

														couple: Mo=1.3*10**18 Nm; NP1: Strike=302, Dip=26, Slip=47; NP2: Strike=169, Dip=71, Slip=109. Centroid, Moment Tensor (HRV): Centroid origin time 02:41:45.5; Lat 14.86 S; Lon 75.97 W; Dep 26.0 Bdy; Half-duration 2.7 sec; Principal axes (scale 10**18 Nm): (T) Val=1.55, Plg=61, Azm=85; (N) Val=0.05, Plg=7, Azm=342; (P) Val=-1.60, Plg=28, Azm=248; Best double couple: Mo=1.6*10**18 Nm; NP1: Strike=319, Dip=18, Slip=66; NP2: Strike=164, Dip=73, Slip=98.
13	02	47	33.2	15.360	S	75.571	W	33	N	5.1		0.8	56	NEAR COAST OF PERU
13	02	51	16.7?	33.52	S	72.91	W	10	G			0.5	10	OFF COAST OF CENTRAL CHILE
13	03	28	18.0*	27.818	N	143.718	E	37	D			0.6	10	BONIN ISLANDS REGION
13	03	29	27.0*	20.882	S	178.617	W	550	G	4.2		0.9	14	FIJI ISLANDS REGION
13	04	04	13.9?	5.26	S	146.12	E	33	N	3.7		0.4	5	EASTERN NEW GUINEA REG., P.N.G.
13	04	06	32.6*	28.207	N	143.791	E	36	D	4.5		0.4	5	BONIN ISLANDS REGION
13	04	43	48.2	15.194	S	75.231	W	33	N	5.2	4.8	1.0	82	NEAR COAST OF PERU
13	04	53	58.1?	15.43	S	75.22	W	33	N	4.0		0.8	8	NEAR COAST OF PERU
13	05	03	08.8	49.809	N	157.391	E	33	N	5.1		0.8	106	EAST OF KURIL ISLANDS
13	05	03	36.6*	14.821	S	75.598	W	33	N	4.9		0.9	19	NEAR COAST OF PERU
13	05	18	48.9?	36.83	N	9.33	W	10	G			0.4	11	WEST OF GIBRALTAR. mbLg 3.7 (MDD).
13	05	50	45.0*	14.017	N	147.245	E	33	N	4.3		1.1	8	MARIANA ISLANDS REGION
13	06	02	58.7*	27.212	N	143.525	E	33	N			0.5	6	BONIN ISLANDS REGION
13	06	09	17.3	0.446	N	122.635	E	33	N	4.5		0.8	19	MINAHASSA PENINSULA, SULAWESI
13	06	33	18.8*	2.537	N	126.756	E	85	*	4.4		1.1	17	NORTHERN MOLUCCA SEA
13	06	42	51.7&	15.742	S	75.350	W	33	N			0.9	10	NEAR COAST OF PERU
13	06	46	51.1*	15.456	S	75.446	W	33	N	4.1		1.1	12	NEAR COAST OF PERU
13	06	48	56.9*	15.351	S	75.022	W	33	N	4.1		0.8	20	NEAR COAST OF PERU
13	07	03	06.3&	34.271	N	118.440	W	10					11	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.6 (PAS). Felt.
13	07	42	44.0*	27.354	S	178.447	W	300	G	3.7		0.5	8	KERMADEC ISLANDS REGION
13	07	43	58.3	28.022	N	143.525	E	33	N	4.5		0.8	20	BONIN ISLANDS REGION
13	07	57	57.1?	4.01	S	134.78	E	33	N	3.6		1.4	5	IRIAN JAYA REGION, INDONESIA
13	08	53	40.9	42.964	N	0.110	W	10	G			0.8	38	PYRENEES. mbLg 3.7 (MDD). ML 3.6 (LDG), 3.1 (STR). Felt (IV) in the Bigorre and (III) in the Bearn regions, France.
13	08	57	34.0*	15.280	S	75.425	W	33	N	4.5		1.0	18	NEAR COAST OF PERU
13	09	31	33.9	37.483	N	20.146	E	33	N	4.5		1.0	21	IONIAN SEA
13	09	52	11.7	14.959	S	75.489	W	33	N	5.2		1.0	77	NEAR COAST OF PERU
13	10	14	13.0?	15.56	S	75.76	W	33	N	4.5		0.9	7	NEAR COAST OF PERU
13	10	17	04.3	15.475	S	75.153	W	33	N	4.6		0.8	28	NEAR COAST OF PERU
13	10	27	58.9?	44.53	N	149.19	E	100	G			1.4	10	KURIL ISLANDS
13	10	46	16.2?	35.94	N	3.88	W	10	G			0.4	6	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
13	11	15	12.6*	23.637	N	94.201	E	33	N			0.7	5	MYANMAR-INDIA BORDER REGION
13	12	19	45.4*	15.197	S	75.347	W	33	N	4.0		1.3	13	NEAR COAST OF PERU
13	12	32	09.8	15.474	S	75.414	W	33	N	5.4	5.8	1.0	124	NEAR COAST OF PERU. Mw 6.0 (GS), 6.0 (HRV). Ms 5.6 (BRK). Broadband Source Parameters (GS): Dep 10; NP1: Strike=140, Dip=65, Slip=95; NP2: Strike=308, Dip=25, Slip=79. Two events about 5 seconds apart. Depth based on first and larger event. Moment Tensor (GS): Dep 8; Principal axes (scale 10**18 Nm): (T) Val=1.11, Plg=56, Azm=84; (N) Val=-0.02, Plg=10, Azm=339; (P) Val=-1.08, Plg=32, Azm=242; Best double couple: Mo=1.1*10**18 Nm; NP1: Strike=301, Dip=16, Slip=51; NP2: Strike=161, Dip=77, Slip=101. Centroid, Moment Tensor (HRV): Centroid origin time 12:32:13.9; Lat 15.68 S; Lon 75.68 W; Dep 20.4; Half-duration 2.6 sec; Principal axes (scale 10**18 Nm): (T) Val=1.02, Plg=61, Azm=108; (N) Val=-0.10, Plg=20, Azm=337; (P) Val=-0.92, Plg=20, Azm=239; Best double couple: Mo=9.7*10**17 Nm; NP1: Strike=299, Dip=30, Slip=48; NP2: Strike=165, Dip=68, Slip=111.
13	12	37	00.4&	33.468	N	116.453	W	0					30	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.7 (PAS). ML 3.7 (GS). Felt in the San Diego area.
13	13	18	12.5?	15.26	S	76.17	W	33	N	3.9		1.3	12	OFF COAST OF PERU
13	14	30	54.0&	36.277	N	120.455	W	11					33	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM), 2.9 (PAS). ML 2.9 (GS).
13	14	38	28.8*	15.106	S	74.871	W	33	N	3.9		1.1	15	NEAR COAST OF PERU
13	14	44	43.3*	51.542	N	176.439	W	42	D			1.4	14	ANDREANOF ISLANDS, ALEUTIAN IS.
13	15	50	43.3?	27.82	N	143.65	E	31	D			0.4	7	BONIN ISLANDS REGION
13	16	05	00.6*	7.862	S	116.717	E	263		4.4		0.8	13	BALI SEA
13	16	05	59.2*	15.391	S	75.504	W	33	N	4.2		1.2	15	NEAR COAST OF PERU
13	16	17	40.4*	3.628	S	144.874	E	33	N	4.2		1.3	9	NEAR N COAST OF NEW GUINEA, PNG.
13	17	21	58.0&	59.756	N	152.924	W	93					84	SOUTHERN ALASKA. <AEIC>.
13	17	44	57.8*	15.194	S	75.075	W	33	N	4.4		1.0	19	NEAR COAST OF PERU
13	17	51	18.8	9.755	N	126.438	E	33	N	4.9		0.9	36	MINDANAO, PHILIPPINE ISLANDS
13	18	15	35.8?	14.57	S	75.72	W	33	N	4.2		1.2	11	NEAR COAST OF PERU
13	18	36	23.0*	15.017	S	75.470	W	33	N	4.3		0.9	22	NEAR COAST OF PERU
13	18	51	50.4	22.347	N	102.762	E	33	N	4.3		0.9	18	YUNNAN, CHINA
13	20	00	55.3&	36.831	N	3.423	W	10	G			0.5	5	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
13	20	09	13.8*	9.933	N	126.292	E	33	N	4.4		0.9	11	MINDANAO, PHILIPPINE ISLANDS
13	20	21	58.1?	28.16	N	143.50	E	39	D			1.3	7	BONIN ISLANDS REGION
13	20	34	26.3?	15.39	S	75.26	W	33	N			1.2	7	NEAR COAST OF PERU
13	20	55	57.6	51.536	N	16.348	E	10	G			0.4	9	POLAND. ML 2.8 (MOX).
13	21	19	15.4*	15.009	S	76.134	W	33	N	4.4		0.9	15	OFF COAST OF PERU
13	21	26	09.6*	50.516	N	18.911	E	10	G			1.2	8	POLAND
13	21	35	22.1	5.219	S	141.619	E	48		4.7		0.9	26	NEW GUINEA, PAPUA NEW GUINEA
13	22	36	25.2&	60.114	N	152.952	W	125					62	SOUTHERN ALASKA. <AEIC>.
13	23	43	54.9*	41.069	N	22.059	E	10	G			0.9	7	NORTHWESTERN BALKAN REGION. ML 2.5 (SKO).
14	00	19	05.9	43.492	N	146.878	E	65	D	4.5		0.9	39	KURIL ISLANDS
14	00	55	10.4?	12.54	N	89.48	W	33	N	4.3		1.3	16	OFF COAST OF CENTRAL AMERICA
14	01	39	15.4	23.433	N	122.145	E	52	*	4.8		1.0	55	TAIWAN REGION
14	01	43	42.6*	22.653	N	120.921	E	33	N	4.4		0.9	11	TAIWAN
14	02	03	37.8	6.522	S	103.546	E	33	N	4.6		1.0	22	SOUTHWEST OF SUMATERA, INDONESIA
14	02	37	14.9*	46.769	N	150.671	E	200	G	4.3		1.0	53	KURIL ISLANDS
14	02	38	57.0	15.452	S	75.512	W	33	N	5.3	5.1	0.9	118	NEAR COAST OF PERU. Mw 5.5 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 02:38:59.3; Lat 15.38 S; Lon 76.09 W; Dep 28.4; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.69, Plg=73, Azm=112; (N) Val=0.04, Plg=11, Azm=345; (P) Val=-1.73, Plg=13, Azm=252; Best double couple: Mo=1.7*10**17 Nm; NP1: Strike=328, Dip=33, Slip=70; NP2: Strike=171, Dip=59, Slip=103.

14 02 51 34.6* 15.512 S 75.703 W 33 N 4.4 0.9 12 NEAR COAST OF PERU
14 02 53 11.0 7.009 S 129.540 E 156 * 4.9 1.0 28 BANDA SEA
14 03 03 36.7 40.027 N 20.604 E 10 G 4.7 1.1 151 GREECE-ALBANIA BORDER REGION. Minor damage in the epicentral area. Felt at Konitsa, Greece.
14 03 26 34.6? 6.00 S 104.16 E 33 N 4.2 0.4 8 SOUTHERN SUMATERA, INDONESIA
14 03 47 54.4? 6.45 S 151.18 E 33 N 4.0 1.2 5 NEW BRITAIN REGION, P.N.G.
14 04 50 14.4* 6.365 S 130.788 E 33 N 4.0 0.6 5 BANDA SEA
14 05 01 57.4 38.626 N 119.635 W 5 G 0.9 60 CALIFORNIA-NEVADA BORDER REGION. ML 3.5 (GS), 3.4 (BRK).
14 05 30 04.1 19.772 S 69.971 W 70 D 4.3 0.7 22 NORTHERN CHILE. Felt (IV) at Iquique; (III) at Arica, Pica, Huara and Pozo Almonte; (II) at Quillagua.
14 05 53 00.6% 45.496 N 3.852 W 10 G 0.7 22 BAY OF BISCAY. ML 2.5 (LDG).
14 05 59 02.0* 27.883 N 143.668 E 33 N 4.4 1.0 7 BONIN ISLANDS REGION
14 05 59 34.5% 45.451 N 3.856 W 10 G 0.5 26 BAY OF BISCAY. ML 2.9 (LDG).
14 06 18 15.3 20.632 S 178.064 W 506 D 4.8 0.8 79 FIJI ISLANDS REGION
14 06 43 17.1 54.048 N 163.187 W 33 N 4.9 1.0 99 UNIMAK ISLAND REGION. ML 4.7 (PMR).
14 07 58 58.5 11.384 S 166.461 E 109 D 5.7 1.0 115 SANTA CRUZ ISLANDS. Mw 6.0 (GS), 5.7 (HRV).
Moment Tensor (GS): Dep 107; Principal axes (scale 10**17 Nm): (T) Val=9.64, Plg=12, Azm=274; (N) Val=0.01, Plg=78, Azm=106; (P) Val=-9.65, Plg=3, Azm=5; Best double couple: Mo=9.6*10**17 Nm; NP1: Strike=50, Dip=80, Slip=-7; NP2: Strike=319, Dip=83, Slip=170.
Centroid, Moment Tensor (HRV): Centroid origin time 07:59:03.8; Lat 11.37 S; Lon 166.29 E; Dep 115.5; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=4.08, Plg=34, Azm=261; (N) Val=-0.02, Plg=56, Azm=73; (P) Val=-4.06, Plg=4, Azm=169; Best double couple: Mo=4.1*10**17 Nm; NP1: Strike=299, Dip=64, Slip=157; NP2: Strike=40, Dip=69, Slip=28.
14 08 24 44.8 55.020 N 161.645 E 21 D 4.7 0.8 55 NEAR EAST COAST OF KAMCHATKA
14 08 52 20.0* 13.656 N 90.488 W 55 D 4.6 1.2 38 NEAR COAST OF GUATEMALA
14 08 59 01.5? 15.58 S 173.35 W 33 N 4.4 0.4 6 TONGA ISLANDS
14 09 28 22.7 44.728 N 10.594 E 10 G 0.8 21 NORTHERN ITALY. ML 3.0 (VIE), 2.9 (LDG), 2.8 (STR).
14 09 50 17.9 35.820 N 69.260 E 62 * 4.7 0.9 45 HINDU KUSH REGION, AFGHANISTAN
14 10 42 57.0 25.860 S 13.836 W 10 G 5.2 5.2 0.9 80 SOUTHERN MID-ATLANTIC RIDGE. Mw 5.5 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time 10:43:02.6; Lat 25.68 S; Lon 13.88 W; Dep 15.0 Fix; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.19, Plg=14, Azm=120; (N) Val=-0.27, Plg=76, Azm=291; (P) Val=-1.92, Plg=2, Azm=29; Best double couple: Mo=2.1*10**17 Nm; NP1: Strike=164, Dip=79, Slip=172; NP2: Strike=255, Dip=82, Slip=11.
14 10 45 26.1* 6.935 S 129.605 E 135 * 4.6 1.1 12 BANDA SEA
14 11 44 06.7 14.802 S 75.746 W 33 N 5.4 5.2 1.1 163 NEAR COAST OF PERU. Mw 5.7 (HRV), 5.6 (GS).
Broadband Source Parameters (GS): Dep 20.
Moment Tensor (GS): Dep 18; Principal axes (scale 10**17 Nm): (T) Val=2.74, Plg=62, Azm=120; (N) Val=0.08, Plg=22, Azm=342; (P) Val=-2.81, Plg=17, Azm=245; Best double couple: Mo=2.8*10**17 Nm; NP1: Strike=306, Dip=34, Slip=49; NP2: Strike=173, Dip=65, Slip=114.
Centroid, Moment Tensor (HRV): Centroid origin time 11:44:11.8; Lat 14.90 S; Lon 76.01 W; Dep 25.8; Half-duration 1.9 sec; Principal axes (scale 10**17 Nm): (T) Val=4.26, Plg=57, Azm=105; (N) Val=-0.22, Plg=16, Azm=349; (P) Val=-4.05, Plg=28, Azm=250; Best double couple: Mo=4.2*10**17 Nm; NP1: Strike=304, Dip=22, Slip=43; NP2: Strike=173, Dip=75, Slip=107.
14 11 53 13.6* 14.781 S 76.197 W 33 N 4.4 1.0 25 NEAR COAST OF PERU
14 12 35 59.3? 58.91 N 164.22 E 33 N 0.8 5 KAMCHATKA
14 12 45 52.7* 58.773 S 24.841 W 33 N 4.8 1.1 20 SOUTH SANDWICH ISLANDS REGION
14 12 54 02.1 15.321 S 75.470 W 33 N 5.0 1.1 51 NEAR COAST OF PERU. Mw 5.6 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time 12:54:04.7; Lat 15.50 S; Lon 75.94 W; Dep 22.4; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=3.33, Plg=67, Azm=108; (N) Val=-0.04, Plg=15, Azm=339; (P) Val=-3.29, Plg=17, Azm=245; Best double couple: Mo=3.3*10**17 Nm; NP1: Strike=312, Dip=31, Slip=59; NP2: Strike=167, Dip=64, Slip=107.
14 13 03 24.5? 32.43 S 71.89 W 10 G 0.5 10 NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
14 13 20 53.1? 34.32 S 70.45 W 110 G 0.4 9 CHILE-ARGENTINA BORDER REGION
14 13 32 31.5% 36.371 N 71.237 E 250 G 0.7 13 AFGHANISTAN-TAJIKISTAN BORD REG.
14 13 47 38.1 21.237 S 176.621 W 192 D 5.9 0.9 388 FIJI ISLANDS REGION. Mw 6.2 (HRV), 6.1 (GS). Me 6.0 (GS). mb 6.2 (BRK).
Broadband Source Parameters (GS): Dep 183; NP1: Strike=35, Dip=65, Slip=-140; NP2: Strike=285, Dip=54, Slip=-31; Radiated energy 1.9*10**13 Nm.
Moment Tensor (GS): Dep 195; Principal axes (scale 10**18 Nm): (T) Val=1.74, Plg=17, Azm=102; (N) Val=0.00, Plg=1, Azm=192; (P) Val=-1.74, Plg=73, Azm=287; Best double couple: Mo=1.7*10**18 Nm; NP1: Strike=190, Dip=28, Slip=-93; NP2: Strike=13, Dip=62, Slip=-89.
Centroid, Moment Tensor (HRV): Centroid origin time 13:47:43.0; Lat 21.29 S; Lon 176.10 W; Dep 202.2; Half-duration 2.9 sec; Principal axes (scale 10**18 Nm): (T) Val=1.96, Plg=16, Azm=118; (N) Val=-0.20, Plg=15, Azm=23; (P) Val=-1.77, Plg=68, Azm=252; Best double couple: Mo=1.9*10**18 Nm; NP1: Strike=229, Dip=32, Slip=-60; NP2:

Strike=15, Dip=63, Slip=-107.

14	14	15	00.8?	40.31	N	20.85	E	10	G			1.1	9	GREECE-ALBANIA BORDER REGION
14	15	25	23.7*	15.406	S	75.607	W	33	N	4.6		1.1	18	NEAR COAST OF PERU
14	17	06	03.7*	23.682	S	179.880	W	550	G	4.7		1.0	34	SOUTH OF FIJI ISLANDS
14	17	44	53.9*	21.625	S	68.086	W	130	G			1.1	17	CHILE-BOLIVIA BORDER REGION
14	18	47	21.3?	11.66	N	125.52	E	33	N			0.8	5	SAMAR, PHILIPPINE ISLANDS
14	19	26	01.5?	17.38	S	178.72	W	500	G	4.3		0.9	9	FIJI ISLANDS REGION
14	19	40	41.6&	44.962	N	5.694	E	10	G			1.1	9	FRANCE. ML 2.2 (LDG).
14	19	45	33.1?	2.06	S	129.20	E	33	N	4.0		0.6	7	SERAM, INDONESIA
14	20	08	02.0*	18.971	S	169.350	E	250	G	4.7		1.1	27	VANUATU ISLANDS
14	20	27	52.2&	32.345	N	115.218	W	6	G				29	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. MD 3.7 (PAS). ML 4.0 (GS).
14	21	14	53.4&	35.858	N	2.154	W	10	G			0.9	15	STRAIT OF GIBRALTAR. mbLg 3.3 (MDD).
14	22	59	18.1	46.433	N	10.876	E	10	G			1.0	69	NORTHERN ITALY. ML 3.6 (STR), 3.4 (FUR), 3.3 (VIE), 3.2 (LDG).
14	23	14	26.5&	58.745	N	151.900	W	48					28	KODIAK ISLAND REGION. <AEIC>. ML 3.1 (AEIC).
14	23	41	15.9&	35.924	N	2.347	W	10	G			0.2	5	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
14	23	54	52.3?	8.08	S	155.74	E	33	N	4.0		1.2	8	SOLOMON ISLANDS
15	00	05	07.2	41.956	N	22.458	E	10	G			1.1	9	NORTHWESTERN BALKAN REGION. ML 2.3 (SKO).
15	00	10	40.8&	33.581	S	70.420	W	10	G			0.7	7	CHILE-ARGENTINA BORDER REGION
15	01	10	38.3&	33.547	S	71.027	W	65	G			0.5	9	NEAR COAST OF CENTRAL CHILE
15	01	30	48.3	35.075	N	139.996	E	69	D			0.6	16	NEAR S. COAST OF HONSHU, JAPAN
15	02	04	33.9?	14.87	S	167.21	E	150	G	4.0		0.9	23	VANUATU ISLANDS
15	02	16	11.0?	49.20	S	110.92	E	19	D			0.7	6	SOUTHEAST INDIAN RIDGE
15	02	32	02.3?	58.85	S	24.78	W	33	N			1.2	13	SOUTH SANDWICH ISLANDS REGION
15	03	16	17.0?	17.44	S	178.54	W	600	G	4.7		0.7	12	FIJI ISLANDS REGION
15	03	18	33.0&	32.525	S	70.440	W	100	G			0.3	11	CHILE-ARGENTINA BORDER REGION. MD 4.3 (SAN).
15	03	24	21.2?	58.75	S	25.12	W	33	N			1.3	7	SOUTH SANDWICH ISLANDS REGION
15	05	12	41.4*	32.926	N	135.866	E	424	*			1.0	12	SOUTHEAST OF SHIKOKU, JAPAN
15	05	50	20.0&	34.424	S	70.595	W	115	G			0.1	11	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
15	06	56	21.5?	46.57	N	10.88	E	10	G			0.1	6	NORTHERN ITALY. ML 2.1 (VIE).
15	07	32	02.4&	63.266	N	151.093	W	10					51	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 3.0 (PMR).
15	07	45	43.7	47.327	N	10.220	E	10	G			0.2	6	AUSTRIA. ML 2.0 (VIE).
15	07	50	56.4	6.117	S	146.853	E	86	D	4.8		1.4	35	EASTERN NEW GUINEA REG., P.N.G.
15	08	49	30.7	14.781	S	75.479	W	33	N	5.2	5.5	1.0	111	NEAR COAST OF PERU. Mw 5.8 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 08:49:34.0; Lat 15.27 S; Lon 76.04 W; Dep 22.2; Half-duration 2.5 sec; Principal axes (scale 10**17 Nm): (T) Val=5.93, Plg=60, Azm=102; (N) Val=0.27, Plg=21, Azm=331; (P) Val=-6.20, Plg=21, Azm=233; Best double couple: Mo=6.1*10**17 Nm; NP1: Strike=292, Dip=30, Slip=46; NP2: Strike=160, Dip=69, Slip=112.
15	10	05	24.1*	26.400	S	176.915	W	33	N	4.5		1.0	15	SOUTH OF FIJI ISLANDS
15	10	17	07.9*	12.291	N	124.524	E	33	N	4.6	4.5	0.8	24	SAMAR, PHILIPPINE ISLANDS
15	10	19	03.0&	28.474	N	129.872	E	33	N			1.5	6	RYUKYU ISLANDS
15	10	32	05.5*	34.422	N	32.283	E	33	N	3.6		0.4	7	CYPRUS REGION
15	10	40	14.8*	14.951	S	176.342	W	33	N	4.9	5.1	1.2	52	FIJI ISLANDS REGION. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 10:40:18.5; Lat 15.20 S; Lon 175.93 W; Dep 15.0 Fix; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.26, Plg=8, Azm=157; (N) Val=-0.14, Plg=81, Azm=343; (P) Val=-2.13, Plg=1, Azm=247; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=293, Dip=83, Slip=5; NP2: Strike=202, Dip=85, Slip=173.
15	11	21	10.3&	39.316	N	119.935	W	15					5	NEVADA. <GM-P>. MD 2.8 (GM).
15	12	26	25.8&	44.289	N	7.420	E	10	G			0.3	8	NORTHERN ITALY. ML 2.0 (GEN).
15	12	45	48.0?	21.81	S	179.65	W	650	G	4.2		1.2	16	FIJI ISLANDS REGION
15	12	50	01.9&	15.285	S	75.537	W	33	N			1.0	8	NEAR COAST OF PERU
15	12	51	39.3*	0.525	N	127.908	E	33	N	4.2		0.5	5	HALMAHERA, INDONESIA
15	13	09	58.1*	14.931	S	74.963	W	33	N	4.5		1.0	22	CENTRAL PERU
15	13	43	47.4?	6.58	S	147.61	E	82	*	3.8		0.9	9	EASTERN NEW GUINEA REG., P.N.G.
15	13	54	43.1?	36.49	S	97.23	W	10	G	4.3		0.7	8	WEST CHILE RISE
15	14	38	14.5?	19.05	N	92.99	E	33	N	4.3		0.6	5	BAY OF BENGAL
15	14	41	28.3?	46.76	N	26.56	E	150	G			1.4	5	ROMANIA
15	14	41	52.3?	15.93	S	175.10	W	150	G	4.3		0.9	6	TONGA ISLANDS
15	14	46	15.4	51.002	N	177.214	W	33	N	4.8		0.8	104	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.4 (PMR). Felt (II) on Adak.
15	15	29	51.9	10.338	N	127.434	E	33	N	5.5	5.2	1.2	146	PHILIPPINE ISLANDS REGION. Mw 5.7 (GS), 5.7 (HRV). Moment Tensor (GS): Dep 21; Principal axes (scale 10**17 Nm): (T) Val=4.56, Plg=9, Azm=261; (N) Val=-0.56, Plg=20, Azm=167; (P) Val=-3.99, Plg=68, Azm=13; Best double couple: Mo=4.3*10**17 Nm; NP1: Strike=12, Dip=40, Slip=-59; NP2: Strike=154, Dip=57, Slip=-114. Centroid, Moment Tensor (HRV): Centroid origin time 15:29:53.1; Lat 10.50 N; Lon 127.59 E; Dep 15.1; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=4.53, Plg=13, Azm=249; (N) Val=-0.99, Plg=0, Azm=339; (P) Val=-3.54, Plg=77, Azm=70; Best double couple: Mo=4.0*10**17 Nm; NP1: Strike=339, Dip=32, Slip=-90; NP2: Strike=159, Dip=58, Slip=-90.
15	15	55	44.7?	10.22	N	127.34	E	33	N	4.0		1.5	12	PHILIPPINE ISLANDS REGION
15	16	06	46.6	0.184	N	122.024	E	167	*	4.5		0.5	22	MINAHASSA PENINSULA, SULAWESI
15	16	51	44.6*	50.253	N	18.830	E	5	G			0.4	5	POLAND. MG 2.6 (WAR).
15	17	44	54.5	49.601	S	110.825	E	10	G	4.9	5.2	0.9	43	SOUTHEAST INDIAN RIDGE. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 17:45:01.2; Lat 49.70 S; Lon 110.71 E; Dep 15.0 Fix; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.55, Plg=0, Azm=169; (N) Val=-0.17, Plg=90, Azm=180; (P) Val=-1.38, Plg=0, Azm=79; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=214, Dip=90, Slip=-180; NP2: Strike=304, Dip=90, Slip=0.
15	18	02	21.1	44.076	N	6.756	E	5	G			0.5	18	FRANCE. ML 2.3 (GEN), 1.9 (LDG).
15	18	37	07.8?	49.51	S	111.08	E	10	G	4.4		0.5	6	SOUTHEAST INDIAN RIDGE

15	19	01	28.0*	2.749	N	127.121	E	33	N	4.1		0.5	6	NORTHERN MOLUCCA SEA
15	20	03	58.7	36.523	N	71.152	E	100	G	4.4		1.0	22	AFGHANISTAN-TAJIKISTAN BORD REG.
15	20	25	00.8?	14.40	S	167.07	E	150	G			0.8	19	VANUATU ISLANDS
15	20	33	32.9?	9.78	S	74.97	W	100	G			1.4	19	CENTRAL PERU
15	20	50	24.4?	32.18	S	71.77	W	5	G			0.2	9	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
15	21	07	23.1?	14.80	S	167.12	E	150	G			1.1	14	VANUATU ISLANDS
15	22	35	26.1?	15.72	S	75.62	W	33	N			1.5	9	NEAR COAST OF PERU
15	22	40	53.4&	60.154	N	152.699	W	103					48	SOUTHERN ALASKA. <AEIC>.
15	23	17	40.5	44.273	N	7.320	E	10	G			1.2	14	NORTHERN ITALY. ML 2.5 (LDG), 2.2 (GEN).
15	23	19	42.9	36.679	N	72.028	E	114	*	4.5		0.8	19	AFGHANISTAN-TAJIKISTAN BORD REG.
15	23	35	14.4	44.305	N	7.324	E	10	G			0.8	17	NORTHERN ITALY. ML 2.2 (GEN), 2.2 (LDG).
16	00	03	31.4*	11.164	N	125.532	E	33	N	4.8		0.8	23	SAMAR, PHILIPPINE ISLANDS
16	01	08	42.6?	53.34	S	23.66	E	29	D	4.6		1.5	12	SOUTH OF AFRICA
16	01	23	28.6	44.786	N	10.152	E	10	G			1.0	19	NORTHERN ITALY. ML 2.4 (LDG).
16	01	24	37.6*	44.621	N	9.792	E	10	G			1.0	18	NORTHERN ITALY. ML 2.3 (LDG).
16	01	53	35.0	39.677	N	120.010	W	5	G			1.0	40	NORTHERN CALIFORNIA. ML 3.3 (GS), 3.4 (BRK). MD 3.2 (GM).
16	02	06	39.0*	5.274	S	153.929	E	150	G	4.8		0.8	16	NEW IRELAND REGION, P.N.G.
16	02	16	53.8?	32.06	S	69.77	W	150	G			0.4	11	MENDOZA PROVINCE, ARGENTINA. MD 4.0 (SAN).
16	04	39	48.3*	24.352	S	179.768	E	550	G	4.3		0.8	23	SOUTH OF FIJI ISLANDS
16	04	41	24.7	23.463	S	179.953	E	550	D	4.7		0.8	79	SOUTH OF FIJI ISLANDS
16	05	20	00.1	15.458	S	75.127	W	33	N	4.6		1.0	36	NEAR COAST OF PERU
16	05	27	23.7	15.455	S	75.082	W	33	N	4.9		0.9	62	NEAR COAST OF PERU
16	05	37	32.3?	18.73	N	62.17	W	33	N			0.9	9	LEEWARD ISLANDS. MD 3.5 (TRN).
16	06	01	00.9*	4.117	S	127.689	E	33	N	4.8		1.2	16	BANDA SEA
16	06	10	05.3?	32.49	S	71.77	W	15	G			0.4	11	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
16	06	21	36.7&	31.405	S	117.755	E	10	G			0.6	6	WESTERN AUSTRALIA
16	06	23	45.1&	33.884	S	70.746	W	100	G			0.3	11	CHILE-ARGENTINA BORDER REGION. MD 2.7 (SAN).
16	06	28	11.2*	14.163	N	93.364	W	33	N	4.4		1.2	26	NEAR COAST OF CHIAPAS, MEXICO
16	06	41	58.9	28.875	N	103.770	E	33	N	4.5		1.0	35	SICHUAN, CHINA
16	06	48	38.4	9.419	N	126.068	E	78	D	5.0		1.2	47	MINDANAO, PHILIPPINE ISLANDS
16	07	34	44.8&	34.275	N	117.989	W	0					26	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.8 (PAS). ML 2.9 (GS).
16	07	37	10.0*	7.914	S	67.988	E	10	G	4.5		1.3	11	MID-INDIAN RIDGE
16	07	47	30.1*	14.486	N	92.873	W	33	N	4.4		0.9	25	NEAR COAST OF CHIAPAS, MEXICO
16	09	15	14.2	51.436	N	178.617	W	33	N	4.5		0.8	71	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR).
16	09	47	50.8	15.101	S	176.300	W	33	N	5.3	5.7	1.3	139	FIJI ISLANDS REGION. Mw 6.0 (GS), 5.9 (HRV). Moment Tensor (GS): Dep 38; Principal axes (scale 10**18 Nm): (T) Val=1.06, Plg=1, Azm=336; (N) Val=0.01, Plg=83, Azm=77; (P) Val=-1.08, Plg=7, Azm=246; Best double couple: Mo=1.1*10**18 Nm; NP1: Strike=21, Dip=84, Slip=-176; NP2: Strike=291, Dip=86, Slip=-6. Centroid, Moment Tensor (HRV): Centroid origin time 09:47:54.2; Lat 15.11 S; Lon 175.86 W; Dep 15.0 Fix; Half-duration 2.3 sec; Principal axes (scale 10**17 Nm): (T) Val=9.05, Plg=8, Azm=153; (N) Val=0.54, Plg=76, Azm=30; (P) Val=-9.59, Plg=12, Azm=244; Best double couple: Mo=9.3*10**17 Nm; NP1: Strike=288, Dip=76, Slip=-3; NP2: Strike=19, Dip=87, Slip=-166.
16	10	46	30.4	2.940	N	128.521	E	33	N	4.7		1.0	29	HALMAHERA, INDONESIA
16	10	52	03.1*	4.583	N	82.792	W	33	N	4.6		1.1	20	SOUTH OF PANAMA
16	11	13	00.7*	1.461	S	77.759	W	200	G	4.0		0.8	21	ECUADOR
16	11	21	08.7*	36.126	N	143.036	E	33	N			1.0	13	OFF EAST COAST OF HONSHU, JAPAN
16	11	26	56.3&	34.294	N	118.473	W	9					31	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS). ML 3.0 (GS). Felt.
16	11	43	45.0&	44.814	N	6.690	E	10	G			0.2	8	FRANCE. ML 2.1 (GEN).
16	12	07	06.7?	31.75	S	70.22	W	130	G			0.5	11	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
16	12	17	38.5&	59.395	N	150.919	W	34					55	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
16	12	29	50.1	21.092	S	176.030	W	143	D	5.2		0.9	90	FIJI ISLANDS REGION
16	13	54	27.2	28.107	N	143.459	E	33	N	4.6		1.0	32	BONIN ISLANDS REGION
16	14	42	55.9?	19.03	S	177.57	W	500	G	4.3		1.5	18	FIJI ISLANDS REGION
16	15	51	55.3	34.315	N	139.255	E	25		4.5		0.9	39	NEAR S. COAST OF HONSHU, JAPAN
16	16	08	52.5	11.421	S	165.736	E	33	N	4.8	4.7	1.1	58	SANTA CRUZ ISLANDS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 16:08:52.4; Lat 11.79 S; Lon 165.68 E; Dep 15.9; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.80, Plg=67, Azm=36; (N) Val=-1.02, Plg=6, Azm=141; (P) Val=-5.78, Plg=22, Azm=233; Best double couple: Mo=6.3*10**16 Nm; NP1: Strike=335, Dip=23, Slip=106; NP2: Strike=138, Dip=67, Slip=83.
16	17	11	06.6?	23.72	S	179.94	E	550	G	4.4		0.9	17	SOUTH OF FIJI ISLANDS
16	17	15	22.9*	1.205	S	149.677	E	33	N	4.3		1.0	18	NEW IRELAND REGION, P.N.G.
16	18	15	19.4*	7.418	S	127.587	E	100	G	4.0		1.5	12	BANDA SEA
16	18	25	53.6?	15.25	S	176.29	W	33	N	4.7	4.9	1.4	24	FIJI ISLANDS REGION. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 18:25:52.9; Lat 15.61 S; Lon 175.38 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=9.05, Plg=28, Azm=357; (N) Val=-1.00, Plg=58, Azm=145; (P) Val=-8.05, Plg=15, Azm=259; Best double couple: Mo=8.6*10**16 Nm; NP1: Strike=35, Dip=59, Slip=170; NP2: Strike=131, Dip=81, Slip=31.
16	18	57	15.1*	15.582	S	167.555	E	100	G	4.5		1.2	48	VANUATU ISLANDS
16	19	18	57.6*	42.444	N	141.152	E	150	G			0.9	11	HOKKAIDO, JAPAN REGION
16	19	28	39.2*	15.476	S	75.725	W	33	N			1.1	8	NEAR COAST OF PERU
16	20	07	24.2?	17.95	S	178.57	W	550	G	4.5		0.9	12	FIJI ISLANDS REGION
16	20	09	04.3	51.685	N	16.267	E	5	G			0.9	8	POLAND. ML 2.6 (MOX).
16	20	16	09.5	34.227	N	139.456	E	33	N			0.8	12	NEAR S. COAST OF HONSHU, JAPAN
16	20	40	46.8&	61.287	N	146.876	W	37					9	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
16	22	12	03.2	44.853	N	8.326	E	10	G			0.7	62	NORTHERN ITALY. ML 3.3 (STR), 3.0 (LDG), 2.9 (GEN).
16	22	19	56.4*	19.573	N	64.443	W	33	N			0.7	10	VIRGIN ISLANDS. MD 4.1 (MPR).
17	00	35	11.1&	60.029	N	147.321	W	19					43	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
17	00	51	49.8*	52.279	N	171.382	W	100	G	4.3		1.4	15	FOX ISLANDS, ALEUTIAN ISLANDS
17	01	04	24.5?	17.78	S	177.14	W	150	G	4.9		1.0	13	FIJI ISLANDS REGION
17	01	05	18.2*	15.071	N	92.680	W	100	G	4.4		1.1	34	MEXICO-GUATEMALA BORDER REGION
17	01	09	57.0	41.543	N	1.260	W	10	G			0.6	9	SPAIN. mbLg 3.3 (MDD). ML 2.7 (LDG).

17	01	29	39.5*	27.890	N	143.647	E	33	N	4.6	1.3	13	BONIN ISLANDS REGION
17	01	42	37.4&	38.786	N	122.758	W	1				28	NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 2.9 (GS).
17	01	50	02.0	29.510	S	71.298	W	50	G	4.9	1.2	24	NEAR COAST OF CENTRAL CHILE. MD 4.6 (SAN).
17	02	58	34.7*	14.713	S	176.471	W	33	N	4.6	1.0	11	FIJI ISLANDS REGION
17	04	11	23.4&	45.445	N	6.108	E	10	G		0.6	5	FRANCE. ML 2.0 (LDG).
17	05	01	07.0*	3.204	S	139.196	E	50	G	4.1	1.4	12	IRIAN JAYA, INDONESIA
17	05	28	14.4*	17.904	S	178.490	W	600	G	4.2	1.1	18	FIJI ISLANDS REGION
17	05	40	15.9&	60.309	N	152.605	W	97				58	SOUTHERN ALASKA. <AEIC>.
17	08	02	52.7&	37.420	N	118.520	W	15				25	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
17	08	12	00.6?	15.08	S	176.46	W	33	N	4.2	1.5	9	FIJI ISLANDS REGION
17	08	34	00.3	15.327	S	176.189	W	33	N	5.0 5.3	1.0	105	FIJI ISLANDS REGION. Mw 5.7 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 08:34:04.2; Lat 15.31 S; Lon 175.85 W; Dep 15.0 Fix; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=4.90, Plg=7, Azm=350; (N) Val=-0.50, Plg=83, Azm=175; (P) Val=-4.40, Plg=1, Azm=80; Best double couple: Mo=4.7*10**17 Nm; NP1: Strike=125, Dip=85, Slip=5; NP2: Strike=35, Dip=85, Slip=174.
17	08	57	39.4	9.597	S	108.301	E	33	N	4.4	1.4	38	SOUTH OF JAWA, INDONESIA
17	09	09	23.5*	9.614	S	108.172	E	33	N	4.7	1.5	13	SOUTH OF JAWA, INDONESIA
17	09	32	00.4?	6.72	S	130.71	E	123	?	3.9	1.4	9	BANDA SEA
17	09	57	18.2	10.074	N	126.261	E	33	N	4.9	1.0	48	PHILIPPINE ISLANDS REGION
17	11	06	47.2&	33.616	N	132.365	E	33	N		0.6	7	SHIKOKU, JAPAN
17	11	12	19.9*	4.178	S	123.380	E	33	N	4.5	1.3	15	BANDA SEA
17	11	49	27.6*	15.375	S	176.217	W	33	N	4.8 5.2	1.2	57	FIJI ISLANDS REGION. Mw 5.6 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 11:49:30.9; Lat 15.26 S; Lon 175.91 W; Dep 15.0 Fix; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.69, Plg=17, Azm=146; (N) Val=0.24, Plg=69, Azm=4; (P) Val=-2.93, Plg=12, Azm=240; Best double couple: Mo=2.8*10**17 Nm; NP1: Strike=283, Dip=69, Slip=4; NP2: Strike=192, Dip=87, Slip=159.
17	11	58	19.2*	11.176	S	111.454	E	33	N	3.8	0.8	8	SOUTH OF JAWA, INDONESIA
17	12	51	09.8*	34.122	N	141.941	E	33	N		0.6	8	OFF EAST COAST OF HONSHU, JAPAN
17	13	09	18.1&	44.485	N	6.864	E	10	G		0.5	5	FRANCE. ML 1.7 (GEN).
17	13	14	34.8*	4.200	S	123.359	E	33	N	4.2	1.5	11	BANDA SEA
17	13	17	24.6*	56.060	S	27.399	W	100	G	4.9	0.9	34	SOUTH SANDWICH ISLANDS REGION
17	13	21	52.2*	9.831	S	112.832	E	33	N	4.0	1.5	17	SOUTH OF JAWA, INDONESIA
17	14	02	47.2&	59.158	N	152.500	W	81		4.3		128	SOUTHERN ALASKA. <AEIC>.
17	14	49	16.1*	20.564	S	67.054	W	217	*		1.1	10	SOUTHERN BOLIVIA
17	16	39	41.2*	15.307	S	75.916	W	33	N	4.2	0.8	13	NEAR COAST OF PERU
17	17	23	47.5*	12.510	N	124.901	E	33	N	4.7	1.4	23	SAMAR, PHILIPPINE ISLANDS
17	17	35	46.9	24.991	S	179.725	E	500	G	4.6	0.9	58	SOUTH OF FIJI ISLANDS
17	18	12	26.6*	21.471	N	73.042	E	10	G	4.2	1.5	11	SOUTHERN INDIA
17	18	44	14.1	4.438	N	76.201	W	113	D	4.7	0.8	112	COLOMBIA
17	19	17	41.9	11.081	N	86.052	W	33	N	5.5 5.6	1.2	202	NEAR COAST OF NICARAGUA. Mw 6.0 (GS), 6.0 (HRV). Me 5.8 (GS).
													Broadband Source Parameters (GS): Dep 20; NP1: Strike=135, Dip=80, Slip=85; NP2: Strike=342, Dip=11, Slip=116; Radiated energy 1.1*10**13 Nm.
													Moment Tensor (GS): Dep 23; Principal axes (scale 10**17 Nm): (T) Val=9.36, Plg=58, Azm=6; (N) Val=0.34, Plg=26, Azm=149; (P) Val=-9.70, Plg=17, Azm=248; Best double couple: Mo=9.5*10**17 Nm; NP1: Strike=11, Dip=37, Slip=138; NP2: Strike=137, Dip=67, Slip=61.
													Centroid, Moment Tensor (HRV): Centroid origin time 19:17:47.3; Lat 10.78 N; Lon 86.55 W; Dep 33.7; Half-duration 2.3 sec; Principal axes (scale 10**18 Nm): (T) Val=0.91, Plg=70, Azm=34; (N) Val=0.11, Plg=0, Azm=303; (P) Val=-1.01, Plg=20, Azm=213; Best double couple: Mo=9.6*10**17 Nm; NP1: Strike=302, Dip=25, Slip=89; NP2: Strike=123, Dip=65, Slip=90.
17	19	44	48.6*	36.605	N	71.354	E	200	G	4.0	0.9	32	AFGHANISTAN-TAJIKISTAN BORD REG.
17	21	10	11.2&	45.990	N	2.978	E	5	G		0.4	10	FRANCE. ML 1.8 (LDG).
17	21	11	20.2	22.196	S	179.704	W	592	D	5.5	0.9	266	SOUTH OF FIJI ISLANDS. Mw 6.1 (GS), 6.0 (HRV).
													Moment Tensor (GS): Dep 583; Principal axes (scale 10**18 Nm): (T) Val=1.29, Plg=20, Azm=359; (N) Val=0.40, Plg=56, Azm=121; (P) Val=-1.69, Plg=27, Azm=259; Best double couple: Mo=1.5*10**18 Nm; NP1: Strike=41, Dip=56, Slip=-175; NP2: Strike=308, Dip=86, Slip=-34.
													Centroid, Moment Tensor (HRV): Centroid origin time 21:11:24.9; Lat 22.22 S; Lon 179.57 W; Dep 602.2; Half-duration 2.5 sec; Principal axes (scale 10**18 Nm): (T) Val=0.94, Plg=26, Azm=8; (N) Val=0.48, Plg=51, Azm=136; (P) Val=-1.42, Plg=26, Azm=264; Best double couple: Mo=1.2*10**18 Nm; NP1: Strike=46, Dip=51, Slip=180; NP2: Strike=136, Dip=90, Slip=39.
17	22	47	08.7	43.518	N	127.023	W	10	G		0.6	65	OFF COAST OF OREGON
17	22	48	54.4	24.255	N	95.160	E	137	D	4.9	0.6	132	MYANMAR
17	23	26	36.2	30.660	S	178.187	W	55	D	5.3	1.1	104	KERMADEC ISLANDS, NEW ZEALAND. Mw 5.3 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 23:26:41.8; Lat 30.47 S; Lon 178.06 W; Dep 47.7; Half-duration 1.1 sec; Principal axes (scale 10**16 Nm): (T) Val=9.05, Plg=61, Azm=338; (N) Val=-0.98, Plg=21, Azm=203; (P) Val=-8.07, Plg=19, Azm=106; Best double couple: Mo=8.6*10**16 Nm; NP1: Strike=165, Dip=32, Slip=47; NP2: Strike=33, Dip=67, Slip=113.
18	00	04	51.0&	59.912	N	151.084	W	41		3.6		96	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.8 (AEIC), 3.7 (PMR).
18	00	12	22.5&	61.864	N	151.224	W	87				84	SOUTHERN ALASKA. <AEIC>.
18	00	20	10.5&	36.837	N	121.574	W	7				39	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.0 (BRK).
18	00	31	49.5?	5.39	N	78.62	W	33	N	4.2	0.9	13	SOUTH OF PANAMA
18	02	57	37.8?	19.12	N	145.23	E	33	N		0.6	5	MARIANA ISLANDS
18	03	20	19.3?	55.06	N	161.72	E	33	N		0.1	6	NEAR EAST COAST OF KAMCHATKA
18	04	06	03.5&	35.474	N	118.326	W	5				45	CENTRAL CALIFORNIA. <PAS-P>. MD 3.2 (PAS).

18	04	41	25.1*	40.190	N	142.213	E	73	*		0.9	9	NEAR EAST COAST OF HONSHU, JAPAN
18	05	12	17.8&	60.776	N	147.297	W	28				76	SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.3 (PMR).
18	05	25	39.8%	35.071	N	3.899	W	10	G		1.1	14	STRAIT OF GIBRALTAR. mbLg 3.7 (MDD).
18	05	43	59.5%	34.937	N	3.968	W	10	G		1.0	12	MOROCCO. mbLg 3.1 (MDD).
18	06	15	31.0?	22.11	S	70.35	W	118	?		1.4	8	NEAR COAST OF NORTHERN CHILE. Felt in the epicentral area.
18	06	56	52.5&	38.792	N	122.742	W	3				79	NORTHERN CALIFORNIA. <GM-P>. Mw 4.1 (BRK). MD 3.7 (GM). ML 3.9 (BRK), 3.9 (GS). Felt at Cobb. Scalar Moment (BRK): Mo=1.4*10**15 Nm.
18	07	07	42.0*	20.527	S	177.603	W	500	G	4.6	0.8	32	FIJI ISLANDS REGION
18	07	38	05.1*	47.851	N	15.765	E	10	G		0.1	5	AUSTRIA. ML 2.5 (VIE).
18	07	41	17.3*	17.340	S	179.193	W	600	G	4.6	0.7	18	FIJI ISLANDS REGION
18	07	48	21.6?	36.71	N	9.81	W	33	N		0.7	10	WEST OF GIBRALTAR. mbLg 3.5 (MDD).
18	08	13	16.7*	0.331	S	122.500	E	76	*	4.1	0.8	8	MINAHASSA PENINSULA, SULAWESI
18	09	36	07.0*	29.746	N	34.798	E	10	G		0.3	6	EGYPT. ML 4.2 (JER).
18	09	43	08.1?	13.80	N	90.46	W	33	N	4.0	1.2	13	NEAR COAST OF GUATEMALA
18	10	43	47.1	38.663	N	142.137	E	78	D	4.3	1.1	36	NEAR EAST COAST OF HONSHU, JAPAN
18	10	46	29.3	35.326	S	72.593	W	33	N	4.9	1.0	47	NEAR COAST OF CENTRAL CHILE. MD 4.9 (SAN). Felt in the epicentral area.
18	11	52	15.0	29.939	N	51.596	E	33	N	5.4 5.0	0.9	233	SOUTHERN IRAN. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 11:52:16.7; Lat 29.76 N; Lon 51.12 E; Dep 33.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.80, Plg=17, Azm=134; (N) Val=1.40, Plg=62, Azm=260; (P) Val=-9.20, Plg=21, Azm=37; Best double couple: Mo=8.5*10**16 Nm; NP1: Strike=177, Dip=62, Slip=-177; NP2: Strike=85, Dip=87, Slip=-28.
18	12	01	44.4*	3.259	S	147.890	E	33	N	4.3	1.4	10	BISMARCK SEA
18	12	08	03.1*	3.107	S	147.839	E	33	N	4.3	1.3	10	BISMARCK SEA
18	12	09	52.4*	3.066	S	147.534	E	33	N	4.6	1.0	13	BISMARCK SEA
18	12	13	38.8?	3.05	S	147.86	E	33	N	4.2	1.0	6	BISMARCK SEA
18	12	33	58.8?	2.78	S	147.99	E	33	N	4.5	1.5	11	ADMIRALTY ISLANDS REGION, P.N.G.
18	12	40	40.5*	2.001	S	97.587	E	33	N	4.1	0.7	10	SOUTHWEST OF SUMATERA, INDONESIA
18	13	04	14.6*	24.656	N	94.553	E	100	G		0.4	9	MYANMAR-INDIA BORDER REGION
18	13	55	01.5?	6.54	S	147.34	E	62	*	3.8	0.6	9	EASTERN NEW GUINEA REG., P.N.G.
18	14	34	41.8%	36.673	N	2.851	W	10	G		1.1	15	STRAIT OF GIBRALTAR. mbLg 3.5 (MDD). Felt (III) in the Adra area, Spain.
18	15	01	01.9?	11.11	N	86.21	W	33	N	4.3	1.4	23	NEAR COAST OF NICARAGUA
18	15	07	57.5*	15.003	S	75.679	W	33	N		1.1	18	NEAR COAST OF PERU
18	15	11	41.9%	38.292	N	2.161	W	10	G		0.9	10	SPAIN. mbLg 3.0 (MDD).
18	15	42	30.1	12.470	N	81.543	W	10	G	4.7 4.5	1.4	55	CARIBBEAN SEA
18	16	44	41.3*	3.182	S	147.908	E	33	N	3.8	0.9	7	BISMARCK SEA
18	16	48	01.6*	58.876	S	25.950	W	114	D		0.9	13	SOUTH SANDWICH ISLANDS REGION
18	17	33	40.3*	18.462	N	145.486	E	450	G		0.5	10	MARIANA ISLANDS
18	17	47	17.2	51.658	N	6.715	E	10	G		1.1	34	GERMANY. ML 3.1 (LDG), 3.0 (UCC), 3.0 (STR).
18	18	17	45.3	35.472	N	139.923	E	114	D	4.2	0.9	20	NEAR S. COAST OF HONSHU, JAPAN
18	19	54	34.3*	7.358	N	73.416	W	100	G		1.3	11	NORTHERN COLOMBIA
18	20	18	43.5*	2.481	N	128.676	E	150	G	4.3	1.1	15	HALMAHERA, INDONESIA
18	21	56	36.5*	40.151	N	143.027	E	33	N		1.0	15	OFF EAST COAST OF HONSHU, JAPAN
18	23	05	56.4*	14.837	N	95.752	W	28	D	3.9	1.1	18	OFF COAST OF OAXACA, MEXICO
18	23	10	49.4&	57.854	N	157.622	W	167				65	ALASKA PENINSULA. <AEIC>.
18	23	27	20.5%	32.737	S	71.580	W	10	G		0.6	8	NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).
18	23	39	59.4%	33.638	S	71.489	W	40	G		0.3	11	NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).
18	23	51	25.1	46.608	N	151.345	E	91	D	5.1	0.8	183	KURIL ISLANDS. Felt (IV) on Simushir.
19	00	12	18.6	24.498	N	92.641	E	50	D	5.5 5.0	0.8	190	INDIA-BANGLADESH BORDER REGION. Mw 5.4 (GS), 5.4 (HRV). Moment Tensor (GS): Dep 46; Principal axes (scale 10**17 Nm): (T) Val=1.26, Plg=63, Azm=272; (N) Val=0.00, Plg=24, Azm=121; (P) Val=-1.26, Plg=12, Azm=25; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=88, Dip=40, Slip=50; NP2: Strike=315, Dip=61, Slip=118. Centroid, Moment Tensor (HRV): Centroid origin time 00:12:21.5; Lat 24.05 N; Lon 93.38 E; Dep 53.0 Bdy; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.12, Plg=68, Azm=265; (N) Val=0.36, Plg=17, Azm=128; (P) Val=-1.48, Plg=14, Azm=34; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=102, Dip=34, Slip=59; NP2: Strike=317, Dip=61, Slip=109.
19	00	57	30.0&	40.281	N	124.377	W	23				26	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.8 (GM). ML 3.1 (BRK).
19	01	09	14.2*	16.847	N	146.925	E	33	N	4.2	1.2	21	MARIANA ISLANDS
19	01	14	01.9?	34.11	S	70.96	W	80	G		0.2	6	CHILE-ARGENTINA BORDER REGION
19	01	18	38.7*	21.999	S	67.342	W	181	?		1.0	9	CHILE-BOLIVIA BORDER REGION
19	01	49	46.7*	5.523	S	11.606	W	10	G	4.5	0.9	11	ASCENSION ISLAND REGION
19	02	31	40.9?	5.21	S	152.39	E	33	N	4.2	1.3	13	NEW BRITAIN REGION, P.N.G.
19	05	14	24.4?	22.12	S	171.87	E	33	N	4.4	1.0	13	LOYALTY ISLANDS REGION
19	08	14	08.1	17.575	S	178.409	W	550	G	4.8	0.9	69	FIJI ISLANDS REGION
19	08	50	09.3&	37.380	N	121.735	W	9				59	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.1 (GS), 3.0 (BRK).
19	09	14	07.8	21.688	N	142.965	E	300	G	4.3	1.0	50	MARIANA ISLANDS REGION
19	09	18	58.9*	8.963	S	127.083	E	100	G	3.8	1.1	10	TIMOR REGION, INDONESIA
19	09	26	19.2*	11.836	N	142.466	E	75	?		0.8	12	SOUTH OF MARIANA ISLANDS
19	10	14	00.0	35.463	S	71.089	W	112		4.2	1.0	27	CENTRAL CHILE. MD 4.2 (SAN). Felt (III) at Curico, Hualane, Iloca, Licanten, Linares, Parral and Talca.
19	10	26	22.0	43.350	N	126.259	W	10	G		0.6	49	OFF COAST OF OREGON. MD 2.8 (SEA).
19	10	37	49.6*	26.543	N	93.373	E	47	D	4.0	0.6	11	NORTHEASTERN INDIA
19	10	44	46.0	35.345	N	78.133	E	33	N	6.1 7.1	1.1	339	EASTERN KASHMIR. Mw 6.9 (GS), 6.9 (HRV), 6.8 (OBN). Me 7.1 (GS). Ms 6.9 (BRK). Felt at Hotan, Shule, Wushi and Yecheng, China. Broadband Source Parameters (GS): Dep 12; NP1: Strike=90, Dip=85, Slip=-10; NP2: Strike=181, Dip=80, Slip=-175; Radiated energy 1.1*10**15 Nm. Complex earthquake with two events occurring about 6 seconds apart. Depth based on first event. Moment Tensor (GS): Dep 38; Principal axes (scale 10**19

														Nm): (T) Val=2.54, Plg=5, Azm=318; (N) Val=0.02, Plg=84, Azm=164; (P) Val=-2.56, Plg=3, Azm=48; Best double couple: Mo=2.5*10**19 Nm; NP1: Strike=93, Dip=84, Slip=2; NP2: Strike=3, Dip=88, Slip=174.
														Centroid, Moment Tensor (HRV): Centroid origin time 10:44:52.3; Lat 35.45 N; Lon 77.86 E; Dep 15.0 Fix; Half-duration 6.9 sec; Principal axes (scale 10**19 Nm): (T) Val=2.68, Plg=20, Azm=138; (N) Val=-0.61, Plg=69, Azm=299; (P) Val=-2.07, Plg=6, Azm=46; Best double couple: Mo=2.4*10**19 Nm; NP1: Strike=180, Dip=71, Slip=170; NP2: Strike=273, Dip=81, Slip=19.
														Moment Tensor (OBN): Dep 36; Principal axes: (T) Plg=14, Azm=144; (N) Plg=67, Azm=270; (P) Plg=18, Azm=49; Best double couple: Mo=1.9*10**19 Nm; NP1: Strike=187, Dip=67, Slip=-177; NP2: Strike=96, Dip=87, Slip=-23.
														Scalar Moment (PPT): Mo=2.5*10**19 Nm.
19	11	16	52.5%	35.306	N	78.280	E	33	N			0.8	10	EASTERN KASHMIR
19	11	17	47.9&	60.028	N	153.099	W	114					112	SOUTHERN ALASKA. <AEIC>.
19	11	19	26.5*	35.391	N	78.173	E	33	N			1.4	7	EASTERN KASHMIR
19	11	30	44.0	0.438	N	122.260	E	125	*	4.9		1.0	28	MINAHASSA PENINSULA, SULAWESI
19	12	13	30.3*	35.512	N	77.862	E	33	N			1.2	7	EASTERN KASHMIR
19	12	32	52.3*	35.425	N	78.311	E	33	N			0.8	8	EASTERN KASHMIR
19	12	35	14.0?	35.19	N	78.22	E	33	N			1.3	5	EASTERN KASHMIR
19	13	14	29.3*	35.298	N	78.254	E	33	N	4.4		1.1	12	EASTERN KASHMIR
19	13	19	44.0	35.342	N	77.630	E	33	N	4.8		1.1	54	EASTERN KASHMIR
19	13	47	55.6&	55.177	N	157.320	W	114					59	ALASKA PENINSULA. <AEIC>.
19	13	51	40.6%	35.404	N	78.406	E	33	N			1.3	5	EASTERN KASHMIR
19	14	04	38.4*	35.526	N	77.535	E	33	N			0.8	8	EASTERN KASHMIR
19	14	10	14.0%	35.499	N	78.038	E	33	N			0.6	5	EASTERN KASHMIR
19	14	15	49.9%	35.539	N	78.290	E	33	N			1.3	9	EASTERN KASHMIR
19	14	35	44.4%	35.161	N	77.760	E	33	N			1.5	11	EASTERN KASHMIR
19	14	43	27.8	10.225	N	127.380	E	33	N	5.0		1.2	58	PHILIPPINE ISLANDS REGION
19	14	45	42.3&	63.843	N	147.280	W	9					46	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
19	14	56	39.9*	35.309	N	77.738	E	33	N	4.0		1.4	21	EASTERN KASHMIR
19	16	16	07.9*	18.440	N	120.027	E	33	N	4.5		1.1	19	LUZON, PHILIPPINE ISLANDS
19	16	19	10.2	35.229	N	77.848	E	33	N	5.0	4.6	1.0	77	EASTERN KASHMIR
19	16	29	34.2*	44.422	N	138.792	E	265	*	4.3		1.0	31	EASTERN SEA OF JAPAN
19	16	33	48.8	34.200	N	87.661	E	33	N	4.7		1.1	27	XIZANG
19	16	53	43.1%	33.348	S	71.646	W	33	N			0.4	11	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN). Felt (III) at San Antonio; (II) at Quilotta, Quilpue, Quintero, Valparaiso, Villa Alemana and Vina del Mar.
19	18	17	13.1	6.293	S	130.311	E	150	G	4.9		1.0	46	BANDA SEA
19	18	46	51.3*	35.678	N	77.538	E	33	N			1.1	10	EASTERN KASHMIR
19	18	52	45.3?	5.35	S	154.39	E	33	N	4.3		1.2	9	SOLOMON ISLANDS
19	19	42	36.7?	32.50	S	72.04	W	20	G			0.6	11	OFF COAST OF CENTRAL CHILE. MD 4.3 (SAN).
19	20	09	49.0*	47.149	N	143.678	E	400	G	3.8		1.0	19	SAKHALIN ISLAND
19	20	30	35.1*	5.061	S	153.783	E	33	N	4.4		0.9	15	NEW IRELAND REGION, P.N.G.
19	20	39	37.7*	35.319	N	77.883	E	33	N	4.6		1.4	24	EASTERN KASHMIR
19	21	33	00.0%	31.681	N	131.883	E	33	N			0.5	5	KYUSHU, JAPAN
19	21	56	03.0	44.815	N	10.600	E	10	G			1.3	56	NORTHERN ITALY. ML 3.4 (VIE), 3.3 (LDG), 3.3 (FUR), 3.2 (STR).
19	22	19	54.4	43.176	N	126.933	W	10	G	3.2		0.7	67	OFF COAST OF OREGON
19	23	21	47.6%	44.208	N	8.242	E	10	G			0.2	6	NORTHERN ITALY. ML 1.7 (GEN).
19	23	22	08.6%	44.190	N	8.241	E	10	G			0.5	8	NORTHERN ITALY. ML 1.9 (GEN).
19	23	48	51.5*	11.163	N	86.596	W	100	G	4.6		1.1	37	NEAR COAST OF NICARAGUA
20	00	46	04.3*	35.389	N	78.031	E	33	N	3.6		1.4	21	EASTERN KASHMIR
20	01	14	25.8%	44.239	N	8.219	E	10	G			0.2	11	NORTHERN ITALY. ML 2.2 (GEN).
20	02	27	47.9	34.350	N	141.132	E	33	N	5.9	5.7	1.0	331	OFF EAST COAST OF HONSHU, JAPAN. Mw 6.1 (GS), 6.1 (HRV). Me 6.8 (GS). Ms 5.4 (BRK). Felt (III JMA) on Hachijo-jima and Miyake-jima. Also felt at Tokyo.
														Broadband Source Parameters (GS): Dep 18; NP1: Strike=316, Dip=89, Slip=6; NP2: Strike=226, Dip=84, Slip=179; Radiated energy 3.3*10**14 Nm. Complex earthquake with at least one event occurring about 2 seconds after the onset. Depth based on first event.
														Moment Tensor (GS): Dep 31; Principal axes (scale 10**18 Nm): (T) Val=1.69, Plg=9, Azm=181; (N) Val=-0.02, Plg=81, Azm=351; (P) Val=-1.67, Plg=2, Azm=91; Best double couple: Mo=1.7*10**18 Nm; NP1: Strike=225, Dip=83, Slip=175; NP2: Strike=316, Dip=85, Slip=7.
														Centroid, Moment Tensor (HRV): Centroid origin time 02:27:50.7; Lat 34.46 N; Lon 141.17 E; Dep 37.0; Half-duration 2.9 sec; Principal axes (scale 10**18 Nm): (T) Val=1.99, Plg=4, Azm=181; (N) Val=-0.40, Plg=85, Azm=324; (P) Val=-1.59, Plg=3, Azm=91; Best double couple: Mo=1.8*10**18 Nm; NP1: Strike=226, Dip=86, Slip=179; NP2: Strike=316, Dip=89, Slip=4.
														Scalar Moment (PPT): Mo=1.5*10**18 Nm.
20	03	22	29.6%	35.576	N	78.443	E	33	N			0.5	6	EASTERN KASHMIR
20	04	52	43.2*	35.409	N	77.484	E	33	N			0.9	10	EASTERN KASHMIR
20	05	20	08.4	35.245	N	77.808	E	33	N	4.4		1.1	19	EASTERN KASHMIR
20	05	27	53.9?	32.42	S	72.04	W	10	G			0.5	11	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
20	05	49	42.0?	34.13	S	70.45	W	120	G			0.1	6	CHILE-ARGENTINA BORDER REGION
20	06	02	47.4*	35.554	N	77.520	E	33	N			1.4	12	EASTERN KASHMIR
20	06	03	45.8*	6.020	S	145.247	E	33	N	3.9		1.2	11	NEW GUINEA, PAPUA NEW GUINEA
20	06	21	06.1?	7.21	S	155.63	E	33	N	4.0		0.8	11	SOLOMON ISLANDS
20	06	54	50.6%	32.783	S	71.203	W	60	G			0.3	11	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
20	06	57	54.7?	9.54	N	84.23	W	33	N			0.9	8	COSTA RICA
20	07	21	01.5?	25.10	N	124.80	E	33	N			1.4	6	NORTHEAST OF TAIWAN
20	09	10	16.5*	5.332	S	146.653	E	180		4.4		1.2	19	EASTERN NEW GUINEA REG., P.N.G.
20	09	21	51.9?	17.31	N	99.53	W	33	N			0.6	6	GUERRERO, MEXICO
20	10	57	08.0?	8.56	N	84.55	W	33	N	4.3		1.4	14	OFF COAST OF COSTA RICA
20	12	13	20.2?	27.12	S	176.60	W	33	N	4.4		0.9	10	KERMADEC ISLANDS REGION

20	12	30	16.5%	35.317	N	77.702	E	33	N		1.3	11	EASTERN KASHMIR
20	12	41	47.1&	53.471	N	166.985	W	81				4	FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>.
20	12	44	58.0	10.154	N	126.276	E	33	N	4.7	1.0	32	PHILIPPINE ISLANDS REGION
20	12	59	33.0?	10.07	N	126.25	E	33	N		1.1	9	PHILIPPINE ISLANDS REGION
20	13	00	56.1	53.832	N	163.309	W	33	N	4.7	1.2	37	UNIMAK ISLAND REGION. ML 4.6 (PMR).
20	13	08	41.7	7.735	N	126.628	E	33	N	5.0	1.2	85	MINDANAO, PHILIPPINE ISLANDS
20	13	23	46.6&	32.546	N	115.604	W	15				20	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. MD 3.1 (PAS). ML 3.1 (GS). Felt at Calexico and El Centro, California.
20	13	28	53.3?	19.66	S	173.30	E	33	N	4.6	1.3	15	VANUATU ISLANDS REGION
20	13	31	31.7?	14.86	S	167.24	E	33	N		1.3	8	VANUATU ISLANDS
20	14	47	07.5*	35.349	N	77.830	E	33	N		1.0	12	EASTERN KASHMIR
20	15	20	43.2&	59.391	N	138.058	W	0				18	SOUTHEASTERN ALASKA. <AEIC>. ML 2.9 (AEIC).
20	16	27	45.6&	36.680	N	121.274	W	5				51	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.1 (GS), 3.0 (BRK).
20	16	39	24.4&	36.244	N	120.844	W	8				49	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM), 2.7 (PAS). ML 2.9 (GS).
20	16	45	44.7%	35.441	N	78.391	E	33	N		0.8	7	EASTERN KASHMIR
20	17	11	37.6*	13.673	N	120.999	E	152	D	3.9	0.8	10	MINDORO, PHILIPPINE ISLANDS
20	17	35	39.1?	7.09	S	129.60	E	100	G	4.2	1.5	9	BANDA SEA
20	17	58	04.6	16.348	N	120.527	E	33	N	5.7 5.7	1.1	168	LUZON, PHILIPPINE ISLANDS. Mw 5.9 (GS), 5.9 (HRV). Me 6.0 (GS). Ms 5.5 (BRK). Broadband Source Parameters (GS): Dep 12; NP1: Strike=210, Dip=61, Slip=-168; NP2: Strike=114, Dip=80, Slip=-30; Radiated energy 2.5*10**13 Nm. Moment Tensor (GS): Dep 7; Principal axes (scale 10**17 Nm): (T) Val=8.43, Plg=22, Azm=171; (N) Val=-0.06, Plg=43, Azm=283; (P) Val=-8.37, Plg=39, Azm=62; Best double couple: Mo=8.4*10**17 Nm; NP1: Strike=214, Dip=44, Slip=-165; NP2: Strike=113, Dip=80, Slip=-47. Centroid, Moment Tensor (HRV): Centroid origin time 17:58:05.4; Lat 16.51 N; Lon 120.47 E; Dep 21.5; Half-duration 2.2 sec; Principal axes (scale 10**17 Nm): (T) Val=9.50, Plg=4, Azm=162; (N) Val=-1.76, Plg=62, Azm=260; (P) Val=-7.74, Plg=27, Azm=70; Best double couple: Mo=8.6*10**17 Nm; NP1: Strike=209, Dip=68, Slip=-163; NP2: Strike=113, Dip=74, Slip=-23.
20	18	06	42.9*	0.548	N	100.051	E	100	G		0.8	14	NORTHERN SUMATERA, INDONESIA
20	18	09	19.0	39.604	N	96.675	E	33	N	5.0	0.9	52	GANSU, CHINA. Mw 5.8 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 18:09:22.3; Lat 40.23 N; Lon 96.23 E; Dep 15.0 Fix; Half-duration 1.9 sec; Principal axes (scale 10**17 Nm): (T) Val=5.80, Plg=68, Azm=295; (N) Val=-1.35, Plg=22, Azm=124; (P) Val=-4.45, Plg=3, Azm=33; Best double couple: Mo=5.1*10**17 Nm; NP1: Strike=101, Dip=46, Slip=59; NP2: Strike=322, Dip=52, Slip=118.
20	18	39	21.2?	0.61	N	121.44	E	33	N	4.0	1.1	7	MINAHASSA PENINSULA, SULAWESI
20	19	12	25.7*	11.449	N	92.838	E	33	N	4.3	1.2	12	ANDAMAN ISLANDS, INDIA
20	19	22	19.8	54.788	N	161.683	E	33	N	4.2	0.9	39	NEAR EAST COAST OF KAMCHATKA
20	19	34	17.3*	6.362	S	154.357	E	33	N	4.5	1.2	17	SOLOMON ISLANDS
20	19	42	56.1	10.297	N	127.435	E	33	N	5.6 5.3	1.1	142	PHILIPPINE ISLANDS REGION. Mw 5.8 (GS), 5.8 (HRV). Moment Tensor (GS): Dep 8; Principal axes (scale 10**17 Nm): (T) Val=6.20, Plg=23, Azm=274; (N) Val=0.32, Plg=9, Azm=8; (P) Val=-6.52, Plg=65, Azm=119; Best double couple: Mo=6.4*10**17 Nm; NP1: Strike=346, Dip=23, Slip=-114; NP2: Strike=192, Dip=69, Slip=-80. Centroid, Moment Tensor (HRV): Centroid origin time 19:42:57.1; Lat 10.47 N; Lon 127.42 E; Dep 15.0 Bdy; Half-duration 22.0 sec; Principal axes (scale 10**17 Nm): (T) Val=6.43, Plg=4, Azm=246; (N) Val=-1.39, Plg=2, Azm=156; (P) Val=-5.05, Plg=86, Azm=45; Best double couple: Mo=5.7*10**17 Nm; NP1: Strike=338, Dip=41, Slip=-88; NP2: Strike=154, Dip=49, Slip=-92.
20	19	45	40.8?	14.54	N	91.55	W	33	N		0.9	9	GUATEMALA
20	20	04	15.7	53.124	N	170.214	W	102	D	5.1	1.1	186	FOX ISLANDS, ALEUTIAN ISLANDS
20	20	17	14.9?	10.14	N	126.25	E	33	N	4.5	1.4	10	PHILIPPINE ISLANDS REGION
20	20	23	20.7*	18.575	N	145.895	E	218	*	4.2	1.0	20	MARIANA ISLANDS
20	20	42	54.0*	25.264	N	127.654	E	10	G		1.1	12	RYUKYU ISLANDS
20	21	07	14.8?	6.47	S	149.57	E	100	G	4.1	0.8	9	NEW BRITAIN REGION, P.N.G.
20	21	33	41.9?	23.69	S	179.84	W	500	G	4.6	0.9	14	SOUTH OF FIJI ISLANDS
20	21	46	46.5?	34.49	S	70.96	W	80	G		0.1	8	CHILE-ARGENTINA BORDER REGION
20	21	48	52.3*	72.687	N	5.105	E	10	G	4.5 4.2	1.5	8	NORWEGIAN SEA
20	21	50	26.4*	72.693	N	5.011	E	10	G	4.3	1.5	18	NORWEGIAN SEA
20	22	20	06.0*	4.953	S	133.986	E	33	N	4.1	0.9	11	IRIAN JAYA REGION, INDONESIA
20	22	27	49.7*	72.647	N	5.015	E	10	G	3.3	0.6	5	NORWEGIAN SEA
20	23	26	04.5*	5.313	S	154.016	E	150	G	4.6	1.0	17	SOLOMON ISLANDS
20	23	27	07.3	28.853	N	96.021	E	33	N	5.0	1.0	53	EASTERN XIZANG-INDIA BORDER REG.
21	00	54	55.6*	20.695	S	178.202	W	400	G	4.2	0.8	15	FIJI ISLANDS REGION
21	01	24	34.3	49.678	N	128.581	W	10	G	4.4	0.9	65	VANCOUVER ISLAND REGION
21	01	25	12.7*	49.674	N	128.143	W	10	G	4.4	1.1	20	VANCOUVER ISLAND REGION
21	01	30	42.1*	49.615	N	128.712	W	10	G	4.0	1.0	18	VANCOUVER ISLAND REGION
21	02	00	58.6	72.647	N	4.680	E	10	G	3.6	0.5	8	NORWEGIAN SEA
21	02	06	16.7*	15.436	S	75.856	W	33	N	4.1	1.2	14	NEAR COAST OF PERU
21	02	28	34.1	10.878	N	141.424	E	33	N	5.6 5.1	1.1	174	WESTERN CAROLINE ISLANDS. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 02:28:39.7; Lat 11.10 N; Lon 141.60 E; Dep 41.6; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.48, Plg=78, Azm=66; (N) Val=0.27, Plg=11, Azm=220; (P) Val=-1.74, Plg=5, Azm=311; Best double couple: Mo=1.6*10**17 Nm; NP1: Strike=53, Dip=41, Slip=107; NP2: Strike=211, Dip=51, Slip=76.
21	03	12	17.5	31.002	S	65.341	W	186		4.2	0.8	30	CORDOBA PROVINCE, ARGENTINA
21	03	25	44.6*	14.038	N	51.630	E	10	G	3.9	0.9	11	EASTERN GULF OF ADEN
21	03	43	46.5?	33.84	S	70.90	W	70	G		0.5	5	CHILE-ARGENTINA BORDER REGION

21	04	34	20.0&	53.490	N	165.777	W	59				5	FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>. ML 3.0 (AEIC).
21	04	39	08.8&	53.415	N	165.702	W	52				7	FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>. ML 2.6 (AEIC).
21	04	49	39.0?	56.08	S	144.85	W	10	G	4.5	0.2	7	PACIFIC-ANTARCTIC RIDGE
21	04	59	00.3*	10.180	N	126.291	E	33	N	4.5	1.1	22	PHILIPPINE ISLANDS REGION
21	05	30	24.9*	45.875	N	10.029	E	5	G		1.4	18	NORTHERN ITALY. ML 2.7 (VIE).
21	05	50	05.7	52.027	N	169.768	W	33	N	4.7	1.2	78	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.8 (PMR).
21	05	51	51.1*	35.357	N	77.871	E	33	N		1.3	11	EASTERN KASHMIR
21	06	01	10.6*	12.232	N	124.533	E	33	N	4.3	0.4	7	SAMAR, PHILIPPINE ISLANDS
21	06	06	29.5*	31.914	S	139.123	E	10	G		0.8	5	SOUTH AUSTRALIA
21	06	16	09.1*	16.189	N	120.423	E	33	N	4.1	1.0	9	LUZON, PHILIPPINE ISLANDS
21	06	21	17.2	3.269	S	146.934	E	33	N	4.9	1.3	33	BISMARCK SEA. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 06:21:21.6; Lat 3.18 S; Lon 146.83 E; Dep 31.7; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.68, Plg=4, Azm=128; (N) Val=-0.56, Plg=81, Azm=11; (P) Val=-8.13, Plg=8, Azm=219; Best double couple: Mo=8.4*10**16 Nm; NP1: Strike=263, Dip=81, Slip=-3; NP2: Strike=354, Dip=87, Slip=-171.
21	06	59	59.1%	37.270	N	138.787	E	10	G		0.8	5	NEAR WEST COAST OF HONSHU, JAPAN
21	07	18	36.7%	37.275	N	138.799	E	10	G		0.6	5	NEAR WEST COAST OF HONSHU, JAPAN
21	07	26	08.5	19.897	S	68.918	W	111	D	5.0	0.9	66	CHILE-BOLIVIA BORDER REGION
21	07	43	38.3	6.659	N	126.463	E	53	D	5.8	1.0	154	MINDANAO, PHILIPPINE ISLANDS. Mw 5.9 (GS), 5.9 (HRV). Moment Tensor (GS): Dep 58; Principal axes (scale 10**17 Nm): (T) Val=6.59, Plg=52, Azm=254; (N) Val=0.19, Plg=3, Azm=347; (P) Val=-6.77, Plg=38, Azm=80; Best double couple: Mo=6.7*10**17 Nm; NP1: Strike=190, Dip=8, Slip=113; NP2: Strike=347, Dip=83, Slip=87. Centroid, Moment Tensor (HRV): Centroid origin time 07:43:45.0; Lat 6.78 N; Lon 126.46 E; Dep 53.0 Fix; Half-duration 2.0 sec; Principal axes (scale 10**17 Nm): (T) Val=6.53, Plg=50, Azm=256; (N) Val=0.98, Plg=6, Azm=354; (P) Val=-7.51, Plg=39, Azm=89; Best double couple: Mo=7.0*10**17 Nm; NP1: Strike=222, Dip=9, Slip=138; NP2: Strike=353, Dip=84, Slip=84.
21	07	48	17.0%	33.593	S	71.745	W	20	G		0.2	7	NEAR COAST OF CENTRAL CHILE
21	08	17	05.3	29.926	S	71.943	W	33	N		1.0	19	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).
21	10	20	55.3*	5.984	S	149.109	E	50	G	4.8	1.1	12	NEW BRITAIN REGION, P.N.G.
21	10	20	59.6?	15.10	S	74.94	W	100	G		1.2	11	NEAR COAST OF PERU
21	11	03	41.0*	65.010	N	170.862	W	10	G	4.2 4.0	1.3	24	EASTERN SIBERIA, RUSSIA
21	11	17	42.4*	3.347	S	146.638	E	33	N	4.3	1.2	14	BISMARCK SEA
21	11	41	30.6*	6.165	S	105.323	E	33	N	4.1	1.0	8	SUNDA STRAIT
21	12	13	08.0?	5.30	S	154.24	E	100	G	4.0	1.1	9	SOLOMON ISLANDS
21	12	38	43.0	15.406	S	75.025	W	33	N	4.5 4.2	1.1	50	NEAR COAST OF PERU
21	12	50	48.6?	41.89	S	79.82	E	10	G		1.3	6	MID-INDIAN RIDGE
21	13	00	48.2&	34.705	N	119.117	W	7				29	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.8 (PAS). ML 2.9 (GS).
21	13	11	14.2%	35.381	N	77.893	E	33	N		1.3	8	EASTERN KASHMIR
21	13	19	54.9	35.626	N	26.796	E	33	N	4.4 4.4	1.3	68	CRETE
21	13	34	11.1?	35.59	N	141.17	E	10	G		0.4	5	NEAR EAST COAST OF HONSHU, JAPAN
21	13	37	51.0	35.272	N	78.089	E	33	N	4.8 4.6	1.1	59	EASTERN KASHMIR
21	14	01	26.7&	61.298	N	150.439	W	37				64	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
21	14	48	59.6	2.460	N	99.168	E	143	D	4.5	1.1	27	NORTHERN SUMATERA, INDONESIA
21	14	56	06.8%	72.691	N	5.169	E	10	G		1.4	5	NORWEGIAN SEA
21	15	19	25.9*	72.729	N	4.744	E	10	G	4.1 4.2	1.4	9	NORWEGIAN SEA
21	15	24	22.6%	30.354	N	131.311	E	33	N		0.3	5	KYUSHU, JAPAN
21	15	28	14.5%	37.484	N	72.163	E	200	G		0.4	7	TAJIKISTAN
21	16	10	05.9*	35.342	N	77.774	E	33	N		0.8	11	EASTERN KASHMIR
21	16	13	12.6&	37.584	N	118.856	W	9				28	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 2.8 (GS).
21	16	29	38.4	6.633	N	126.503	E	33	N	4.9	0.9	42	MINDANAO, PHILIPPINE ISLANDS
21	17	05	38.5?	32.56	S	70.16	W	100	G		0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
21	17	34	22.4*	35.318	N	77.867	E	33	N		1.3	12	EASTERN KASHMIR
21	17	46	35.1	11.052	S	73.818	W	108	D	4.7	0.9	41	CENTRAL PERU
21	18	56	59.0	45.967	N	9.878	E	10	G		0.8	11	NORTHERN ITALY. ML 2.3 (VIE).
21	20	58	53.6%	36.537	N	70.894	E	133	*		0.5	10	HINDU KUSH REGION, AFGHANISTAN
21	21	45	15.4	3.297	S	146.625	E	39	*	5.3 5.4	1.3	55	BISMARCK SEA. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 21:45:15.1; Lat 3.34 S; Lon 147.01 E; Dep 15.0 Fix; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=3.11, Plg=4, Azm=134; (N) Val=-0.03, Plg=85, Azm=332; (P) Val=-3.09, Plg=1, Azm=224; Best double couple: Mo=3.1*10**17 Nm; NP1: Strike=269, Dip=86, Slip=2; NP2: Strike=179, Dip=88, Slip=176.
21	22	23	04.9*	3.412	S	146.398	E	33	N	4.4	1.2	13	BISMARCK SEA
21	22	50	28.8*	3.298	S	147.131	E	33	N	4.2	1.3	13	BISMARCK SEA
21	23	08	13.6	47.237	N	10.451	E	10	G		1.1	23	AUSTRIA. ML 3.3 (STR), 3.3 (FUR), 2.9 (GRF), 2.7 (VIE).
22	00	06	59.8?	32.07	S	70.72	W	90	G		0.2	5	CHILE-ARGENTINA BORDER REGION
22	00	14	56.7?	34.49	S	70.57	W	115	G		0.2	6	CHILE-ARGENTINA BORDER REGION
22	00	32	24.2?	35.00	N	78.36	E	33	N		1.3	9	EASTERN KASHMIR
22	00	51	42.7%	35.338	N	77.786	E	33	N		1.3	10	EASTERN KASHMIR
22	01	08	07.3	6.116	N	74.226	W	47	D	4.7 4.1	1.2	47	NORTHERN COLOMBIA
22	03	08	25.4?	21.44	N	93.28	E	33	N	3.8	0.9	7	MYANMAR
22	03	13	17.6*	11.516	N	87.273	W	33	N	4.4	1.2	18	NEAR COAST OF NICARAGUA
22	03	16	59.6?	31.48	S	69.69	W	170	G		0.4	10	SAN JUAN PROVINCE, ARGENTINA. MD 2.7 (SAN).
22	03	22	30.0&	61.407	N	150.889	W	15				63	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
22	03	43	55.0*	72.781	N	4.864	E	10	G	3.5	1.3	8	NORWEGIAN SEA
22	03	53	27.5	72.850	N	4.864	E	10	G	4.6 4.4	1.1	38	NORWEGIAN SEA
22	04	59	00.5	72.808	N	4.944	E	10	G	4.6 4.5	1.3	45	NORWEGIAN SEA
22	04	59	34.3?	16.27	S	176.85	W	33	N	4.6	0.7	8	FIJI ISLANDS REGION
22	05	27	45.5?	3.37	S	146.38	E	33	N	4.3	1.3	11	BISMARCK SEA
22	05	48	11.6?	32.26	S	71.81	W	30	G		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).
22	05	52	36.3	35.380	N	77.892	E	33	N	4.1	1.3	21	EASTERN KASHMIR
22	07	29	54.5?	1.22	S	136.07	E	33	N	4.4	1.0	10	IRIAN JAYA REGION, INDONESIA
22	07	42	01.2*	22.270	S	170.564	E	33	N	4.7	1.3	31	LOYALTY ISLANDS REGION

22	07	45	07.3&	37.048	N	3.875	W	10	G		1.0	6	SPAIN. mbLg 2.8 (MDD).
22	08	07	50.1	56.568	S	24.128	W	33	N	5.1 4.3	1.0	43	SOUTH SANDWICH ISLANDS REGION. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 08:07:53.9; Lat 56.57 S Fix; Lon 24.13 W Fix; Dep 29.5; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.56, Plg=20, Azm=48; (N) Val=0.41, Plg=19, Azm=311; (P) Val=-4.97, Plg=62, Azm=180; Best double couple: Mo=4.8*10**16 Nm; NP1: Strike=168, Dip=31, Slip=-49; NP2: Strike=303, Dip=67, Slip=-111.
22	08	24	12.8*	22.133	S	67.466	W	164	?		1.5	9	CHILE-BOLIVIA BORDER REGION
22	09	04	19.9?	31.66	S	69.87	W	150	G		0.5	9	SAN JUAN PROVINCE, ARGENTINA. MD 2.8 (SAN).
22	09	05	38.0&	35.423	N	78.039	E	33	N		0.5	5	EASTERN KASHMIR
22	09	43	46.1	28.495	S	70.972	W	38	D	4.9	1.0	49	CENTRAL CHILE. Felt (IV) at Vallenar.
22	10	02	28.8?	2.80	S	139.51	E	33	N	3.8	1.4	6	NEAR NORTH COAST OF IRIAN JAYA
22	10	43	04.3*	49.020	N	155.345	E	33	N	4.0	1.0	9	KURIL ISLANDS
22	11	29	19.4&	33.760	S	71.270	W	33	N		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
22	11	52	45.1?	15.34	S	167.51	E	33	N		0.8	10	VANUATU ISLANDS
22	11	59	51.0*	40.772	N	35.122	E	10	G	3.7	1.3	16	TURKEY. Felt in Amasya, Corum and Samsun.
22	12	19	29.8?	25.07	N	141.61	E	33	N	4.1	0.3	7	VOLCANO ISLANDS REGION
22	13	07	16.0?	3.04	S	143.20	E	33	N	3.7	1.4	9	NEAR N COAST OF NEW GUINEA, PNG.
22	13	45	27.2*	0.132	N	123.808	E	146	?	4.6	0.9	19	MINAHASSA PENINSULA, SULAWESI
22	14	18	48.8*	6.650	S	156.098	E	200	G	4.8	0.8	22	SOLOMON ISLANDS
22	14	58	41.5?	11.44	S	163.51	E	100	G	4.2	1.2	10	SOLOMON ISLANDS
22	15	34	35.8	31.726	N	131.713	E	33	D	4.9	1.2	73	KYUSHU, JAPAN
22	15	38	35.1	7.909	S	74.385	W	151	D	4.8	0.8	81	PERU-BRAZIL BORDER REGION
22	15	50	28.7&	31.875	N	131.650	E	33	N		1.3	7	KYUSHU, JAPAN
22	16	08	04.1	22.624	S	112.443	W	10	G	5.1 4.6	0.8	53	EASTER ISLAND REGION
22	16	24	37.2*	15.460	S	74.334	W	100	G	4.5	0.5	13	NEAR COAST OF PERU
22	16	55	28.8?	21.64	N	144.08	E	33	N		1.4	5	MARIANA ISLANDS REGION
22	17	39	08.5&	63.514	N	150.929	W	12				44	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 2.9 (PMR).
22	17	45	31.8?	32.44	S	71.07	W	50	G		0.4	8	NEAR COAST OF CENTRAL CHILE
22	19	54	22.6*	10.379	N	127.520	E	30	D	4.4	1.1	13	PHILIPPINE ISLANDS REGION
22	20	16	44.0?	34.08	S	70.07	W	10	G		0.2	7	CHILE-ARGENTINA BORDER REGION
22	20	42	14.9?	34.56	N	32.03	E	60	G	3.4	0.4	9	CYPRUS REGION
22	21	00	46.1&	61.041	N	150.912	W	13				52	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
22	21	05	46.0*	39.955	N	20.344	E	33	N	3.8	1.0	11	GREECE-ALBANIA BORDER REGION
22	22	10	54.1*	35.509	N	78.253	E	33	N		1.3	13	EASTERN KASHMIR
22	22	16	29.8&	63.212	N	151.744	W	11				39	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 2.9 (PMR).
22	22	24	49.5&	44.730	N	7.485	E	10	G		0.7	8	NORTHERN ITALY. ML 2.2 (GEN).
22	22	43	58.8*	20.754	S	169.938	E	33	N	5.2	1.0	44	VANUATU ISLANDS
23	00	22	48.6*	0.797	N	25.004	W	10	G	4.4 4.2	0.9	14	CENTRAL MID-ATLANTIC RIDGE
23	00	52	14.2?	30.51	N	87.82	E	33	N		1.0	6	XIZANG
23	00	56	06.2&	36.632	N	5.799	W	10	G		0.4	6	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
23	01	10	40.4*	56.097	S	26.761	W	100	G		1.4	13	SOUTH SANDWICH ISLANDS REGION
23	01	28	04.1*	26.940	N	54.851	E	20	D		1.0	18	SOUTHERN IRAN
23	01	54	58.2&	65.825	N	149.688	W	33	N			16	NORTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
23	01	56	56.3	39.000	N	70.784	E	33	N	4.8	0.9	41	TAJIKISTAN
23	01	59	45.2	38.379	N	76.362	E	33	N	5.0 4.5	1.0	93	SOUTHERN XINJIANG, CHINA. Mw 5.0 (HRV). Felt at Kashi, Yecheng and Zepu. Centroid, Moment Tensor (HRV): Centroid origin time 01:59:51.5; Lat 39.00 N; Lon 76.84 E; Dep 33.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.27, Plg=61, Azm=33; (N) Val=-0.03, Plg=9, Azm=139; (P) Val=-4.24, Plg=27, Azm=234; Best double couple: Mo=4.2*10**16 Nm; NP1: Strike=345, Dip=19, Slip=117; NP2: Strike=136, Dip=73, Slip=81.
23	02	09	11.2	6.908	S	155.714	E	37	D	4.4	0.8	38	SOLOMON ISLANDS
23	03	28	19.2&	61.057	N	150.909	W	14				63	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
23	03	43	12.1*	52.007	N	173.461	W	33	N	4.2	1.3	19	ANDREANOF ISLANDS, ALEUTIAN IS.
23	04	15	46.8	51.591	N	16.251	E	5	G		0.6	10	POLAND. ML 2.5 (MOX).
23	05	13	23.8?	26.17	S	179.45	W	450	G	4.1	1.1	12	SOUTH OF FIJI ISLANDS
23	05	49	25.5?	6.93	S	129.43	E	200	G	4.2	0.9	6	BANDA SEA
23	06	22	38.4*	17.825	S	178.529	W	600	G	4.4	0.8	21	FIJI ISLANDS REGION
23	07	04	32.9&	60.125	N	153.532	W	157				66	SOUTHERN ALASKA. <AEIC>.
23	08	07	04.9*	11.381	S	13.863	W	10	G		0.6	11	ASCENSION ISLAND REGION
23	08	49	41.3&	60.251	N	153.167	W	140				59	SOUTHERN ALASKA. <AEIC>.
23	09	04	36.3?	5.36	S	131.47	E	100	G	4.0	1.5	5	BANDA SEA
23	09	05	56.8&	33.356	S	71.966	W	20	G		0.4	10	NEAR COAST OF CENTRAL CHILE
23	09	39	58.3*	9.907	N	126.551	E	50	G	4.6	1.0	29	MINDANAO, PHILIPPINE ISLANDS
23	10	17	25.0*	3.236	S	146.832	E	33	N	4.5	1.1	17	BISMARCK SEA
23	10	21	38.9*	7.611	S	124.748	E	400	G	4.5	1.3	14	BANDA SEA
23	10	24	11.2*	5.079	S	151.912	E	100	G	4.7	0.9	15	NEW BRITAIN REGION, P.N.G.
23	10	35	45.5	3.236	S	146.868	E	10	G	5.1 5.6	1.2	61	BISMARCK SEA. Mw 5.9 (HRV), 5.7 (GS). Moment Tensor (GS): Dep 14; Principal axes (scale 10**17 Nm): (T) Val=4.34, Plg=26, Azm=294; (N) Val=0.12, Plg=61, Azm=143; (P) Val=-4.47, Plg=12, Azm=30; Best double couple: Mo=4.4*10**17 Nm; NP1: Strike=75, Dip=63, Slip=10; NP2: Strike=340, Dip=81, Slip=153. Centroid, Moment Tensor (HRV): Centroid origin time 10:35:53.4; Lat 3.30 S; Lon 147.03 E; Dep 22.0; Half-duration 2.1 sec; Principal axes (scale 10**17 Nm): (T) Val=6.81, Plg=3, Azm=303; (N) Val=-0.32, Plg=87, Azm=130; (P) Val=-6.49, Plg=0, Azm=33; Best double couple: Mo=6.7*10**17 Nm; NP1: Strike=78, Dip=88, Slip=2; NP2: Strike=348, Dip=88, Slip=178.
23	10	49	26.3&	44.670	N	7.234	E	10	G		0.5	14	NORTHERN ITALY. ML 2.4 (GEN).
23	10	54	18.5*	35.040	N	100.504	W	5	G		1.1	8	TEXAS PANHANDLE REGION. mbLg 3.0 (GS).
23	10	54	42.3?	3.18	S	146.62	E	33	N	4.1	1.0	9	BISMARCK SEA
23	11	28	41.4*	3.314	S	146.448	E	33	N	4.5	1.1	17	BISMARCK SEA
23	11	38	51.9?	21.89	S	179.20	W	500	G	4.1	0.9	10	FIJI ISLANDS REGION
23	11	49	31.6?	3.39	S	146.63	E	33	N	4.0	0.9	8	BISMARCK SEA
23	11	56	11.9*	51.628	N	16.150	E	10	G		1.1	7	POLAND. ML 2.9 (MOX).
23	12	34	28.1?	4.74	S	145.55	E	200	G	4.0	1.4	7	NEAR N COAST OF NEW GUINEA, PNG.

23	12	39	35.0?	6.89	S	147.86	E	33	N	3.3	1.2	5	EASTERN NEW GUINEA REG., P.N.G.
23	12	56	30.0%	43.818	N	7.133	E	10	G		0.5	9	NEAR SOUTH COAST OF FRANCE
23	13	17	49.7	51.697	N	16.085	E	5	G		0.9	11	POLAND. ML 3.7 (VIE), 3.2 (MOX).
23	13	25	51.3?	32.08	S	71.63	W	35	G		0.3	10	NEAR COAST OF CENTRAL CHILE
23	13	29	13.3*	6.943	S	129.566	E	150	G	4.2	1.3	11	BANDA SEA
23	14	21	02.6	52.451	N	157.159	E	133	D	4.8	0.8	91	KAMCHATKA
23	14	48	13.9?	35.19	N	139.42	E	136	?	4.1	0.2	7	NEAR S. COAST OF HONSHU, JAPAN
23	15	28	32.6*	36.318	N	71.390	E	100	G		1.1	13	AFGHANISTAN-TAJIKISTAN BORD REG.
23	16	02	06.6*	43.251	N	146.188	E	33	N		1.1	18	KURIL ISLANDS
23	16	12	00.1*	15.299	S	75.582	W	33	N	4.5	1.3	16	NEAR COAST OF PERU
23	16	39	41.2*	10.762	N	62.575	W	86	*		1.2	20	NEAR COAST OF VENEZUELA
23	17	16	13.7*	39.826	N	144.111	E	20	G		0.6	9	OFF EAST COAST OF HONSHU, JAPAN
23	17	24	10.8?	7.20	N	126.13	E	33	N		1.0	7	MINDANAO, PHILIPPINE ISLANDS
23	18	09	40.0	35.391	N	78.354	E	33	N		0.7	12	EASTERN KASHMIR
23	18	20	05.7&	49.126	N	122.336	W	4				9	BRITISH COLUMBIA, CANADA. <PGC-P>. ML 2.4 (PGC). Felt in the Clearbrook-Abbotsford area.
23	18	29	31.2%	36.301	N	3.479	W	10	G		0.8	8	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
23	19	04	16.0&	60.137	N	152.627	W	89				57	SOUTHERN ALASKA. <AEIC>.
23	19	15	03.7	13.043	N	90.526	W	33	N	4.7 4.3	1.1	52	NEAR COAST OF GUATEMALA
23	19	15	05.0?	6.39	S	147.15	E	100	G	4.0	0.9	7	EASTERN NEW GUINEA REG., P.N.G.
23	19	53	19.8?	40.89	S	174.70	E	33	N	4.0	0.6	7	COOK STRAIT, NEW ZEALAND
23	22	39	59.5	35.649	N	140.149	E	68		4.9	0.9	72	NEAR EAST COAST OF HONSHU, JAPAN
23	22	53	29.7	5.231	S	154.141	E	96	D	5.0	1.1	43	SOLOMON ISLANDS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 22:53:31.0; Lat 5.47 S; Lon 154.19 E; Dep 104.2; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.98, Plg=66, Azm=228; (N) Val=0.05, Plg=3, Azm=326; (P) Val=-6.03, Plg=23, Azm=57; Best double couple: Mo=6.0*10**16 Nm; NP1: Strike=154, Dip=22, Slip=99; NP2: Strike=324, Dip=68, Slip=86.
23	23	21	15.3?	35.08	N	77.52	E	33	N	4.6	1.4	7	EASTERN KASHMIR
24	00	08	21.3?	14.15	S	166.87	E	33	N		1.0	10	VANUATU ISLANDS
24	00	27	07.7	44.057	N	7.680	E	10	G		0.9	56	NORTHERN ITALY. ML 3.5 (GEN), 3.5 (STR).
24	00	52	08.5*	26.720	N	92.573	E	33	N	4.5	0.6	14	NORTHEASTERN INDIA
24	01	49	21.1?	6.23	S	131.53	E	33	N	3.8	1.1	5	TANIMBAR ISLANDS REG., INDONESIA
24	02	21	45.2?	16.67	N	120.62	E	33	N		1.3	6	LUZON, PHILIPPINE ISLANDS
24	02	39	24.3&	19.336	N	155.198	W	10		4.5		32	HAWAII. <HVO-P>. MD 4.3 (HVO). Felt at Ahualoa, Glenwood, Hawaiian Acres, Hawaiian Paradise Park, Hilo, Honomu, Kailua-Kona, Kona Acres, Kainaliu, Leilani Estates, Milolii, Napoopoo, Ocean View Estates, Pahala, Panaewa and Waimea.
24	02	45	08.1?	36.49	N	140.97	E	33	N		0.8	5	NEAR EAST COAST OF HONSHU, JAPAN
24	02	50	05.4?	36.62	N	140.82	E	33	N		0.5	6	NEAR EAST COAST OF HONSHU, JAPAN
24	02	53	55.3*	7.083	N	73.238	W	150	G	4.1	1.0	17	NORTHERN COLOMBIA
24	03	32	00.8*	30.720	N	138.600	E	375	*		0.9	11	SOUTH OF HONSHU, JAPAN
24	03	53	19.2%	33.993	N	133.703	E	33	N		0.8	5	SHIKOKU, JAPAN
24	04	21	53.7?	31.57	S	70.09	W	150	G		0.3	10	CHILE-ARGENTINA BORDER REGION
24	04	41	28.4?	17.56	S	178.77	W	600	G	4.4	0.7	12	FIJI ISLANDS REGION
24	04	45	12.8?	10.80	S	164.10	E	100	G	4.6	1.4	20	SANTA CRUZ ISLANDS REGION
24	05	52	37.3&	60.341	N	152.194	W	73				56	SOUTHERN ALASKA. <AEIC>.
24	07	37	43.0	67.440	N	164.145	W	10	G	3.7	0.9	52	NORTHERN ALASKA. ML 4.0 (AEIC).
24	07	49	10.3*	36.895	N	21.336	E	33	N	4.2	0.9	13	SOUTHERN GREECE
24	07	51	52.4*	52.527	N	30.414	W	10	G	3.8	1.0	8	NORTHERN MID-ATLANTIC RIDGE
24	07	58	32.0	6.079	S	148.257	E	58	D	5.2	1.2	44	NEW BRITAIN REGION, P.N.G.
24	07	58	57.9?	28.18	N	56.16	E	33	N		1.1	8	SOUTHERN IRAN
24	08	12	36.7?	22.43	S	112.60	W	10	G		1.3	5	EASTER ISLAND REGION
24	08	31	25.8%	42.069	N	7.625	W	10	G		0.4	5	SPAIN. mbLg 2.9 (MDD).
24	08	54	46.4	48.354	N	146.249	E	485	*	3.9	0.8	37	SEA OF OKHOTSK
24	09	19	30.2?	17.13	S	178.92	W	500	G	4.2	0.8	10	FIJI ISLANDS REGION
24	09	40	03.7?	33.90	S	70.63	W	100	G		0.3	5	CHILE-ARGENTINA BORDER REGION
24	09	53	53.3*	43.995	N	147.696	E	33	N	4.6	1.1	26	KURIL ISLANDS
24	11	59	11.1?	33.97	S	70.73	W	90	G		0.3	6	CHILE-ARGENTINA BORDER REGION
24	12	03	14.6*	21.431	N	143.415	E	300	G		1.3	14	MARIANA ISLANDS REGION
24	12	17	06.1?	33.64	S	70.73	W	80	G		0.2	5	CHILE-ARGENTINA BORDER REGION
24	12	35	48.7?	31.54	N	50.45	E	33	N	4.4	1.1	9	NORTHERN IRAN
24	12	42	36.7?	12.22	N	88.71	W	33	N	4.6	1.1	25	OFF COAST OF CENTRAL AMERICA
24	13	22	06.7&	65.204	N	149.871	W	11				30	NORTHERN ALASKA. <AEIC>. ML 2.7 (AEIC), 3.3 (PMR).
24	13	24	15.4%	34.628	N	78.664	E	33	N		0.6	8	KASHMIR-XIZANG BORDER REGION
24	13	25	12.9?	49.54	N	156.47	E	33	N		1.2	8	KURIL ISLANDS
24	13	40	18.5?	31.51	S	69.73	W	150	G		0.4	10	SAN JUAN PROVINCE, ARGENTINA
24	13	52	41.3	1.802	N	126.456	E	33	N	4.8	1.0	51	NORTHERN MOLUCCA SEA
24	14	11	27.1%	33.503	S	70.585	W	80	G		0.4	7	CHILE-ARGENTINA BORDER REGION
24	15	51	22.4*	27.710	S	73.564	E	10	G	4.7	0.7	9	MID-INDIAN RIDGE
24	15	53	42.9*	73.030	N	6.005	E	10	G	4.5	1.3	10	GREENLAND SEA
24	16	24	23.7&	59.468	N	153.741	W	15				33	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
24	17	25	02.2*	6.800	S	130.089	E	200	G	4.1	0.7	6	BANDA SEA
24	17	58	03.5*	5.073	S	154.306	E	33	N	4.5	1.0	15	SOLOMON ISLANDS
24	18	22	29.2	43.387	N	126.788	W	10	G	3.6	0.6	105	OFF COAST OF OREGON
24	18	29	42.8?	20.67	S	69.20	W	100	G		0.7	6	NORTHERN CHILE
24	18	34	03.8?	27.30	N	53.36	E	10	G		1.0	9	SOUTHERN IRAN
24	18	50	07.2*	28.013	N	143.713	E	10	G	4.1	1.2	8	BONIN ISLANDS REGION
24	19	47	50.0?	34.06	S	70.17	W	120	G		0.2	9	CHILE-ARGENTINA BORDER REGION
24	19	49	56.5	33.247	N	139.517	E	164		4.3	1.2	47	SOUTH OF HONSHU, JAPAN
24	20	08	13.4?	15.73	S	75.34	W	33	N	4.5	1.0	7	NEAR COAST OF PERU
24	22	40	16.6*	37.710	N	68.964	E	68	?		1.0	13	AFGHANISTAN-TAJIKISTAN BORD REG.
24	23	39	19.3*	5.642	N	126.316	E	106	D	4.2	1.2	15	MINDANAO, PHILIPPINE ISLANDS
24	23	51	07.7*	42.865	N	143.712	E	38	D		0.8	12	HOKKAIDO, JAPAN REGION
24	23	54	04.4	51.699	N	176.247	W	48	D	5.0	1.1	82	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.7 (PMR). Felt (III) on Adak and at Atka Village.
25	00	17	26.7&	59.174	N	150.841	W	23				50	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
25	00	22	33.6	16.893	S	174.943	W	300	G	4.3	0.8	8	TONGA ISLANDS
25	00	26	36.8	38.402	N	133.609	E	432		4.6	1.1	56	SEA OF JAPAN
25	00	45	57.3	44.517	N	114.828	W	5	G		0.5	17	WESTERN IDAHO. ML 3.5 (GS).

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25  01 35 14.6  51.715 N   16.100 E    5 G          1.0   38  POLAND. ML 4.3 (GRF), 3.9 (VIE), 3.9 (FUR), 3.6 (MOX).
25  01 47 52.4? 31.70  S   70.29  W  130 G          0.4   10  CHILE-ARGENTINA BORDER REGION
25  01 52 53.6* 35.703 N   77.906 E   33 N          1.4    9  EASTERN KASHMIR
25  02 33 11.8*  6.868 N  123.933 E  600 G  4.2     0.9   11  MINDANAO, PHILIPPINE ISLANDS
25  02 56 37.8* 32.315 N  138.266 E  348 *          0.5    8  SOUTH OF HONSHU, JAPAN
25  03 49 05.7  27.935 N  142.819 E   33 N  4.7     1.1   53  BONIN ISLANDS REGION
25  04 06 40.0? 32.29  S   69.68  W  100 G          1.3   10  MENDOZA PROVINCE, ARGENTINA
25  04 33 20.9* 16.224 S   70.972 W  161 ?          1.1   14  SOUTHERN PERU
25  04 43 08.3& 34.013 N  116.943 W   14                     41  SOUTHERN CALIFORNIA. <PAS-P>. MD 3.3 (PAS). ML 3.4 (GS).
                                                                 Felt.
25  04 50 33.0  38.815 N   25.717 E   32          1.0   32  AEGEAN SEA
25  05 44 06.8* 15.348 S   75.648 W   33 N  4.5     0.9   16  NEAR COAST OF PERU
25  07 35 16.3* 35.515 N  140.308 E   50 G          0.8    8  NEAR EAST COAST OF HONSHU, JAPAN
25  07 46 15.8? 36.39  N    2.86  W   10 G          1.3    8  STRAIT OF GIBRALTAR. mbLg 3.1 (MDD).
25  08 32 49.1*  3.420 N   98.509 E  100 G  4.1     1.3   11  NORTHERN SUMATERA, INDONESIA
25  08 39 20.9& 44.526 N    7.282 E   10 G          0.2    6  NORTHERN ITALY. ML 2.1 (GEN).
25  09 48 10.9*  2.683 N  126.888 E  100 G  4.4     1.1   18  NORTHERN MOLUCCA SEA
25  10 38 50.0? 37.37  N   32.38  W   10 G  4.4     1.1    7  AZORES ISLANDS REGION
25  11 00 18.2? 28.32  N   57.46  E   33 N  4.7     1.2    9  SOUTHERN IRAN
25  11 09 18.0  19.007 N   66.283 W   62    4.6     1.0   48  PUERTO RICO REGION. MD 4.4 (MPR).
25  11 15 57.6   3.086 S  139.663 E   55    5.4 4.9 1.2   92  IRIAN JAYA, INDONESIA. Mw 5.5 (GS), 5.5 (HRV).
                                                                 Moment Tensor (GS): Dep 58; Principal axes (scale 10**17
                                                                  Nm): (T) Val=2.11, Plg=25, Azm=302; (N) Val=-0.22, Plg=65,
                                                                  Azm=132; (P) Val=-1.88, Plg=4, Azm=34; Best double couple:
                                                                  Mo=2.0*10**17 Nm; NP1: Strike=81, Dip=70, Slip=15; NP2:
                                                                  Strike=345, Dip=76, Slip=159.
                                                                 Centroid, Moment Tensor (HRV): Centroid origin time
                                                                  11:16:01.8; Lat 3.15 S; Lon 139.97 E; Dep 67.2; Half-
                                                                  duration 1.3 sec; Principal axes (scale 10**17 Nm): (T)
                                                                  Val=1.89, Plg=31, Azm=294; (N) Val=-0.08, Plg=59, Azm=126;
                                                                  (P) Val=-1.80, Plg=6, Azm=27; Best double couple:
                                                                  Mo=1.9*10**17 Nm; NP1: Strike=75, Dip=65, Slip=19; NP2:
                                                                  Strike=337, Dip=73, Slip=153.
25  11 43 07.3& 63.265 N  151.162 W   13                     53  CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.3 (PMR).
25  13 23 53.2   2.749 S  139.389 E   33 N  5.5 5.0 1.2   84  NEAR NORTH COAST OF IRIAN JAYA. Mw 5.4 (HRV).
                                                                 Centroid, Moment Tensor (HRV): Centroid origin time
                                                                  13:24:01.7; Lat 2.61 S; Lon 139.31 E; Dep 45.4; Half-
                                                                  duration 1.3 sec; Principal axes (scale 10**17 Nm): (T)
                                                                  Val=1.39, Plg=57, Azm=219; (N) Val=0.25, Plg=17, Azm=102;
                                                                  (P) Val=-1.64, Plg=28, Azm=3; Best double couple:
                                                                  Mo=1.5*10**17 Nm; NP1: Strike=57, Dip=23, Slip=43; NP2:
                                                                  Strike=287, Dip=75, Slip=107.
25  13 39 09.6?  9.76  S  108.58  E   33 N          0.8    7  SOUTH OF JAWA, INDONESIA
25  13 53 17.9& 61.603 N  149.701 W   38                     56  SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.3 (PMR). Felt at
                                                                 Eagle River and Palmer.
25  13 58 10.2& 44.940 N  148.592 E   33 N          1.2   10  KURIL ISLANDS
25  14 06 35.2& 34.597 N  116.270 W   ,6 G                  23  SOUTHERN CALIFORNIA. <PAS-P>. MD 2.7 (PAS). ML 2.8 (GS).
25  14 21 27.3& 61.598 N  149.712 W   35                     45  SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
25  16 50 03.3* 30.872 S  139.405 E   10 G          0.9    6  SOUTH AUSTRALIA
25  17 58 25.5? 17.39  S  178.34  W  550 G  4.3     1.0   12  FIJI ISLANDS REGION
25  19 02 41.1* 51.291 N  176.889 W   33 N          1.0   10  ANDREANOF ISLANDS, ALEUTIAN IS.
25  19 46 11.9? 32.72  S   71.84  W   10 G          0.6   10  NEAR COAST OF CENTRAL CHILE
25  19 47 23.0  44.146 N    8.570 E   10 G  3.8     1.3   67  NORTHERN ITALY. ML 4.1 (STR), 3.9 (VIE), 3.9 (FUR), 3.8
                                                                  (GEN), 3.7 (ROM).
25  20 11 13.1& 44.134 N    8.558 E   10 G          0.4   11  NORTHERN ITALY. ML 2.7 (GEN).
25  20 22 58.8& 44.145 N    8.552 E   10 G          0.3    8  NORTHERN ITALY. ML 2.2 (GEN).
25  20 56 21.9  42.304 N   24.134 E   10 G          0.9   10  BULGARIA
25  21 04 43.8*  7.888 N  126.724 E   33 N  4.5     0.6   13  MINDANAO, PHILIPPINE ISLANDS
25  21 29 31.2* 38.987 N   21.694 E   10 G          1.5   17  GREECE
25  21 44 20.1* 54.052 N  161.288 E   33 N  4.3     0.7    9  NEAR EAST COAST OF KAMCHATKA
25  22 03 02.9   3.397 N  127.747 E   50 G  4.5     0.9   28  TALAUD ISLANDS, INDONESIA
25  22 43 40.4  44.198 N    8.565 E    5 G  3.3     0.9   29  NORTHERN ITALY. ML 3.3 (STR), 3.1 (GEN).
25  23 32 27.2* 28.089 N  143.336 E   33 N  4.0     0.7    9  BONIN ISLANDS REGION
26  00 04 57.4  22.258 S  179.995 E  600 G  4.5     0.6   33  SOUTH OF FIJI ISLANDS
26  00 25 08.2* 34.304 S   71.141 W   33 N          0.6   10  NEAR COAST OF CENTRAL CHILE
26  00 38 43.7& 35.240 N   77.760 E   33 N          1.3   10  EASTERN KASHMIR
26  01 30 07.8   3.253 N  125.747 E  120 D  5.2     1.0   67  TALAUD ISLANDS, INDONESIA. Mw 5.0 (HRV).
                                                                 Centroid, Moment Tensor (HRV): Centroid origin time
                                                                  01:30:05.8; Lat 2.89 N; Lon 126.10 E; Dep 121.5; Half-
                                                                  duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                  Val=3.34, Plg=45, Azm=110; (N) Val=1.52, Plg=4, Azm=15; (P)
                                                                  Val=-4.86, Plg=45, Azm=281; Best double couple:
                                                                  Mo=4.1*10**16 Nm; NP1: Strike=286, Dip=4, Slip=1; NP2:
                                                                  Strike=195, Dip=90, Slip=94.
26  02 03 03.5& 63.111 N  150.957 W  134                     67  CENTRAL ALASKA. <AEIC>.
26  03 31 03.6& 33.202 S   70.916 W   80 G          0.3    8  CHILE-ARGENTINA BORDER REGION
26  04 34 01.6  18.093 S  168.287 E   80 D  5.0     1.2   62  VANUATU ISLANDS. Mw 5.4 (HRV).
                                                                 Centroid, Moment Tensor (HRV): Centroid origin time
                                                                  04:34:03.9; Lat 18.08 S; Lon 167.92 E; Dep 32.2; Half-
                                                                  duration 1.3 sec; Principal axes (scale 10**17 Nm): (T)
                                                                  Val=1.59, Plg=54, Azm=40; (N) Val=-0.03, Plg=28, Azm=178;
                                                                  (P) Val=-1.56, Plg=21, Azm=279; Best double couple:
                                                                  Mo=1.6*10**17 Nm; NP1: Strike=48, Dip=35, Slip=145; NP2:
                                                                  Strike=167, Dip=71, Slip=60.
26  05 20 02.7*  5.151 S  154.232 E   94 D  4.6     0.9   19  SOLOMON ISLANDS
26  05 22 26.6& 47.733 N  122.298 W   23                     61  WASHINGTON. <SEA-P>. MD 2.7 (SEA).
26  06 21 06.4?  6.08  N  125.89  E  150 G  4.5     1.5   15  MINDANAO, PHILIPPINE ISLANDS
26  07 18 42.2? 11.41  S  165.29  E   33 N  4.3     1.4   14  SANTA CRUZ ISLANDS
26  07 36 10.3* 31.799 S   69.627 W  120 G          1.1   17  SAN JUAN PROVINCE, ARGENTINA
26  07 54 57.0& 17.452 N   61.969 W   20 G          0.1    5  LEEWARD ISLANDS. MD 2.9 (TRN).
26  08 00 15.7* 15.192 S   75.718 W   33 N          1.3   11  NEAR COAST OF PERU
26  08 22 22.9  24.120 N  121.795 E   47    5.1 4.8 1.3   79  TAIWAN. Mw 5.2 (HRV).
                                                                 Centroid, Moment Tensor (HRV): Centroid origin time
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08:22:27.1; Lat 24.26 N; Lon 120.84 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.33, Plg=46, Azm=299; (N) Val=2.67, Plg=1, Azm=207; (P) Val=-9.00, Plg=44, Azm=116; Best double couple: Mo=7.7*10**16 Nm; NP1: Strike=138, Dip=1, Slip=20; NP2: Strike=27, Dip=89, Slip=91.

26	09	17	53.5	22.194	S	179.610	W	600	G	4.7	1.0	51	SOUTH OF FIJI ISLANDS
26	09	29	32.6	30.432	N	32.193	E	10	G	4.6	0.8	10	EGYPT. ML 4.3 (JER).
26	10	29	44.4*	55.685	S	124.358	W	10	G	4.7 4.8	0.6	19	SOUTHERN EAST PACIFIC RISE
26	10	35	22.0?	33.10	S	70.29	W	100	G		0.2	6	CHILE-ARGENTINA BORDER REGION
26	11	50	16.7	17.062	N	120.009	E	33	N	4.5 4.2	0.8	30	LUZON, PHILIPPINE ISLANDS
26	12	41	12.0*	9.500	S	129.436	E	150	G	4.1	1.2	6	TIMOR SEA
26	13	15	14.3*	42.759	N	145.088	E	100	G		1.5	10	HOKKAIDO, JAPAN REGION
26	13	49	15.1*	0.496	N	120.773	E	33	N		0.2	6	MINAHASSA PENINSULA, SULAWESI
26	14	21	51.3?	35.29	N	78.22	E	33	N		1.3	6	EASTERN KASHMIR
26	14	49	06.1&	35.380	N	78.212	E	33	N		0.9	14	EASTERN KASHMIR
26	14	53	17.4?	20.77	S	178.92	W	650	G	4.2	0.3	14	FIJI ISLANDS REGION
26	15	11	55.2	7.553	S	128.083	E	159	*	4.4	1.1	21	BANDA SEA
26	16	41	46.9?	30.66	N	83.09	E	33	N		0.3	6	XIZANG
26	17	02	42.3*	14.019	S	166.958	E	200	G	4.5	1.1	21	VANUATU ISLANDS
26	18	06	56.0&	59.910	N	153.222	W	131				47	SOUTHERN ALASKA. <AEIC>.
26	19	41	50.5*	6.390	S	130.481	E	150	G	3.9	1.5	7	BANDA SEA
26	20	18	16.9*	58.697	N	157.846	E	10	G		0.6	9	KAMCHATKA
26	20	30	15.4*	37.735	N	77.604	E	33	N	3.8	0.8	10	SOUTHERN XINJIANG, CHINA
26	21	30	12.1	12.780	S	74.003	W	70	D	4.5	1.0	43	CENTRAL PERU
26	21	54	41.7	42.872	N	17.525	E	10	G		1.3	49	ADRIATIC SEA. MD 3.5 (ROM).
26	23	06	15.4*	12.566	N	143.503	E	50	G	4.1	1.1	10	SOUTH OF MARIANA ISLANDS
26	23	40	37.5*	28.809	N	99.225	E	33	N	4.3	0.7	8	YUNNAN, CHINA
26	23	43	47.9*	32.006	S	67.577	W	33	N		1.4	17	MENDOZA PROVINCE, ARGENTINA
27	00	00	47.2?	31.77	S	68.09	W	5	G		1.0	11	SAN JUAN PROVINCE, ARGENTINA
27	00	21	23.8&	34.729	N	32.053	E	33	N		0.2	5	CYPRUS REGION
27	00	44	23.0	34.499	N	32.060	E	33	N	5.0 4.8	1.1	239	CYPRUS REGION. Mw 5.4 (HRV). ML 4.8 (JER). Felt at Larnaca, Limassol, Nicosia and Paphos.

Centroid, Moment Tensor (HRV): Centroid origin time 00:44:25.9; Lat 34.47 N; Lon 32.03 E; Dep 32.6; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.25, Plg=21, Azm=19; (N) Val=0.06, Plg=46, Azm=133; (P) Val=-1.31, Plg=36, Azm=273; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=62, Dip=48, Slip=-168; NP2: Strike=323, Dip=81, Slip=-43.

27	00	58	24.5&	32.924	S	70.249	W	100	G		0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
27	01	18	45.5?	32.51	S	71.32	W	50	G		0.2	6	NEAR COAST OF CENTRAL CHILE. MD 2.9 (SAN).
27	01	23	01.3?	5.49	S	150.28	E	150	G	4.1	1.1	9	NEW BRITAIN REGION, P.N.G.
27	01	34	00.7	30.573	N	131.234	E	49		4.3 4.1	1.0	35	KYUSHU, JAPAN
27	01	40	26.1*	21.581	S	179.367	W	600	G	4.6	0.9	38	FIJI ISLANDS REGION
27	01	42	43.8&	33.953	N	116.314	W	6		4.4		101	SOUTHERN CALIFORNIA. <PAS-P>. MD 4.1 (PAS). Felt in the Desert Hot Springs-Yucca Valley area.
27	01	45	14.3&	60.558	N	151.167	W	49				58	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
27	02	16	12.8&	33.953	N	116.313	W	5				30	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.1 (PAS). ML 3.0 (GS).
27	02	38	48.8*	10.081	N	122.930	E	64	D	4.4	1.1	11	PANAY, PHILIPPINE ISLANDS
27	03	00	48.6*	5.785	S	145.582	E	116	*		1.2	10	EASTERN NEW GUINEA REG., P.N.G.
27	03	21	15.2*	55.774	S	26.055	W	33	N		1.2	15	SOUTH SANDWICH ISLANDS REGION
27	03	23	33.1*	56.002	S	26.601	W	33	N		1.0	10	SOUTH SANDWICH ISLANDS REGION
27	03	56	35.8?	12.63	N	87.75	W	70	D	4.2	1.5	10	NEAR COAST OF NICARAGUA
27	04	49	07.0	48.268	N	146.267	E	485		4.4	0.6	106	SEA OF OKHOTSK
27	06	18	52.1?	55.65	S	25.72	W	33	N		0.9	8	SOUTH SANDWICH ISLANDS REGION
27	06	48	20.2*	15.270	S	75.753	W	33	N	4.5	1.2	16	NEAR COAST OF PERU
27	07	23	33.1?	23.97	N	121.30	E	33	N	3.8	0.8	7	TAIWAN
27	07	37	00.3?	5.25	S	151.61	E	122	?	4.4	1.3	14	NEW BRITAIN REGION, P.N.G.
27	07	45	16.6	24.113	N	122.500	E	45	*	4.6	1.0	25	TAIWAN REGION
27	08	04	07.1&	44.574	N	6.874	E	10	G		0.3	5	FRANCE. ML 1.7 (GEN).
27	08	46	24.2&	33.393	S	70.462	W	100	G		0.4	10	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
27	08	49	45.5&	33.167	S	71.292	W	33	N		0.4	8	NEAR COAST OF CENTRAL CHILE
27	09	02	44.5&	32.870	S	70.494	W	5	G		0.5	8	CHILE-ARGENTINA BORDER REGION
27	09	45	35.8*	10.308	N	127.444	E	33	N	4.6	1.0	14	PHILIPPINE ISLANDS REGION
27	09	48	02.1*	16.052	S	75.402	W	33	N		1.0	7	OFF COAST OF PERU
27	11	07	45.9&	39.777	N	121.683	W	22				23	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.5 (BRK). Felt at Chico.
27	11	33	49.0&	60.200	N	153.223	W	127				75	SOUTHERN ALASKA. <AEIC>.
27	11	56	39.4*	31.494	N	140.765	E	37	D		1.5	14	SOUTH OF HONSHU, JAPAN
27	12	49	56.7?	11.37	S	163.26	E	50	G	3.9	1.4	10	SOLOMON ISLANDS
27	13	03	02.1?	7.51	S	103.65	E	33	N		0.9	5	SOUTHWEST OF SUMATERA, INDONESIA
27	13	58	57.2	34.569	N	32.151	E	33	N	3.9	0.6	21	CYPRUS REGION. ML 4.1 (JER).
27	15	01	44.5*	34.318	N	141.408	E	33	N		1.0	10	OFF EAST COAST OF HONSHU, JAPAN
27	15	10	47.6?	38.95	N	23.59	E	10	G		1.1	10	GREECE
27	15	12	28.6	44.181	N	6.857	E	10	G		0.4	29	FRANCE. ML 3.2 (STR), 3.0 (LDG), 2.9 (GEN).
27	16	16	23.4*	5.269	S	153.910	E	150	G	4.6	0.8	24	NEW IRELAND REGION, P.N.G.
27	16	41	50.1*	6.720	N	126.845	E	33	N	4.6	0.9	29	MINDANAO, PHILIPPINE ISLANDS
27	18	31	55.0	32.902	S	68.806	W	28	D	4.8	0.9	40	MENDOZA PROVINCE, ARGENTINA. Felt (IV) at Mendoza.
27	18	37	27.0*	5.304	S	153.928	E	150	G	4.6	0.9	21	NEW IRELAND REGION, P.N.G.
27	19	45	42.2*	51.158	N	15.804	E	5	G		1.5	6	POLAND
27	19	57	45.0&	60.901	N	149.252	W	31				75	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC), 3.1 (PMR).
27	20	17	24.1&	36.075	N	117.650	W	1		4.8 5.0		155	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. Mw 5.1 (HRV), 5.0 (BRK). MD 5.3 (PAS). ML 5.2 (GS). Felt at Barstow and Ridgecrest, California.

Centroid, Moment Tensor (HRV): Centroid origin time 20:17:25.7; Lat 35.87 N; Lon 117.64 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.79, Plg=12, Azm=108; (N) Val=-0.86, Plg=70, Azm=341; (P) Val=-4.93, Plg=15, Azm=201; Best double couple: Mo=5.4*10**16 Nm; NP1: Strike=244, Dip=71, Slip=-3; NP2: Strike=335, Dip=88, Slip=-161.
Scalar Moment (BRK): Mo=3.7*10**16 Nm.

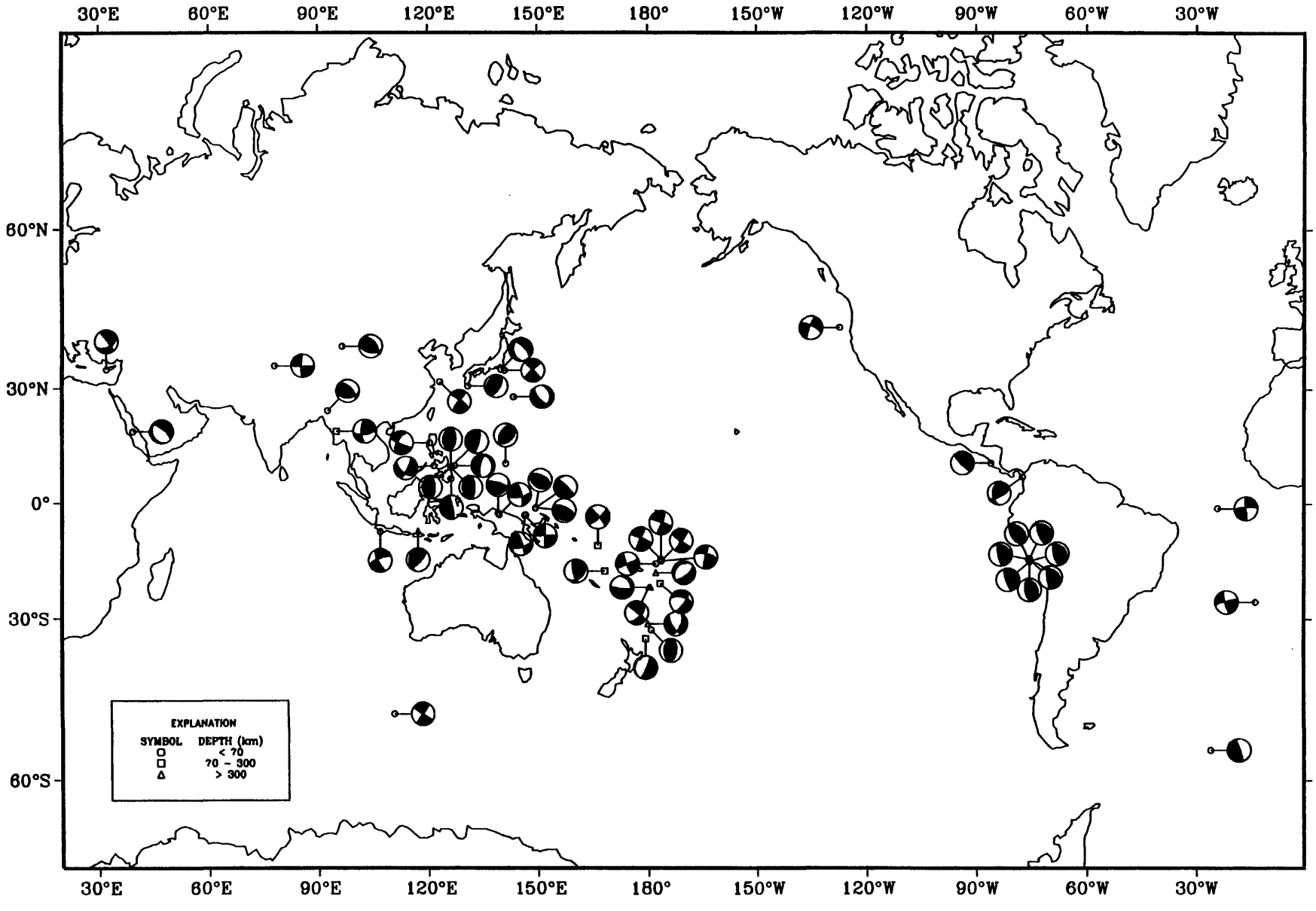
27	20	25	34.9&	36.092	N	117.650	W	0				14	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.8 (PAS).
27	20	31	03.0	36.033	N	117.659	W	5	G		1.3	35	CALIFORNIA-NEVADA BORDER REGION. ML 3.2 (GS).
27	20	46	45.6&	36.087	N	117.646	W	1				5	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.9 (PAS).
27	21	05	10.9	36.014	N	117.578	W	5	G		0.9	33	CALIFORNIA-NEVADA BORDER REGION. ML 3.3 (GS).
27	21	33	12.3	36.053	N	117.582	W	5	G		1.0	58	CALIFORNIA-NEVADA BORDER REGION. ML 3.6 (GS), 3.9 (BRK).
27	21	57	58.3	36.024	N	117.679	W	5	G		0.8	45	CALIFORNIA-NEVADA BORDER REGION. ML 3.1 (GS).
27	22	01	43.3	15.766	N	145.914	E	150	G	4.3	1.1	41	MARIANA ISLANDS
27	22	04	32.2	36.065	N	117.654	W	5	G		0.8	27	CALIFORNIA-NEVADA BORDER REGION. ML 2.9 (GS).
27	22	29	06.9&	36.075	N	117.635	W	1				67	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 3.7 (PAS). ML 4.1 (BRK), 3.8 (GS).
27	22	38	23.7	64.984	N	133.524	W	10	G		1.0	8	SOUTHERN YUKON TERRITORY, CANADA
27	23	41	07.1&	32.499	N	115.283	W	6	G			4	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. MD 3.1 (PAS).
27	23	45	03.5	15.535	S	75.452	W	33	N	5.0	1.2	52	NEAR COAST OF PERU. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:45:07.7; Lat 15.56 S; Lon 75.25 W; Dep 50.2; Half-duration 1.1 sec; Principal axes (scale 10**16 Nm): (T) Val=9.39, Plg=16, Azm=332; (N) Val=-1.09, Plg=73, Azm=131; (P) Val=-8.30, Plg=6, Azm=240; Best double couple: Mo=8.9*10**16 Nm; NP1: Strike=15, Dip=75, Slip=173; NP2: Strike=107, Dip=83, Slip=16.
27	23	51	23.5*	35.535	N	140.194	E	75			0.8	16	NEAR EAST COAST OF HONSHU, JAPAN
28	00	04	09.0*	53.363	N	169.125	W	100	G	4.3	1.2	22	FOX ISLANDS, ALEUTIAN ISLANDS
28	00	30	03.3*	35.539	N	140.918	E	33	N	3.9	1.1	15	NEAR EAST COAST OF HONSHU, JAPAN
28	00	40	19.8&	36.088	N	117.654	W	2				46	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.9 (PAS). ML 2.8 (GS).
28	00	45	13.3&	36.077	N	117.656	W	1				17	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.7 (PAS). ML 2.6 (GS).
28	00	54	37.8?	52.82	N	163.29	E	33	N		0.9	5	OFF EAST COAST OF KAMCHATKA
28	00	56	20.1&	36.089	N	117.654	W	2				9	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.7 (PAS).
28	01	01	43.7&	36.077	N	117.652	W	2				8	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.7 (PAS).
28	01	16	39.3?	32.17	S	69.99	W	130	G		0.3	10	MENDOZA PROVINCE, ARGENTINA. MD 4.2 (SAN).
28	01	36	06.8?	12.60	N	125.47	E	42	D	4.4	0.9	12	SAMAR, PHILIPPINE ISLANDS
28	01	58	52.6*	51.650	N	16.412	E	5	G		1.3	10	POLAND. ML 2.6 (MOX).
28	02	49	38.2&	44.495	N	7.257	E	10	G		0.2	7	NORTHERN ITALY. ML 1.9 (GEN).
28	03	11	27.8*	44.610	N	10.594	E	10	G		1.2	13	NORTHERN ITALY. ML 2.8 (LDG).
28	03	11	36.8	44.702	N	10.596	E	10	G		0.8	34	NORTHERN ITALY. ML 3.2 (LDG).
28	03	23	13.3	44.639	N	10.431	E	10	G		1.0	41	NORTHERN ITALY. MD 3.4 (ROM). ML 3.3 (LDG).
28	03	23	43.0	44.689	N	10.577	E	10	G		1.3	92	NORTHERN ITALY. ML 4.0 (STR), 3.9 (LDG), 3.8 (VIE).
28	03	24	07.3*	44.793	N	10.661	E	10	G		1.3	13	NORTHERN ITALY. ML 4.1 (GRF), 3.9 (FUR).
28	03	30	51.5	44.643	N	10.610	E	10	G		0.5	12	NORTHERN ITALY. ML 2.5 (LDG).
28	03	42	23.0	44.183	N	6.857	E	10	G		0.9	14	FRANCE. ML 2.2 (GEN), 1.9 (LDG).
28	04	10	16.0&	33.751	S	71.584	W	33	N		0.5	9	NEAR COAST OF CENTRAL CHILE. MD 3.0 (SAN).
28	04	57	29.4?	4.97	S	145.48	E	33	N	3.5	0.9	6	NEAR N COAST OF NEW GUINEA, PNG.
28	05	03	21.8?	44.58	N	140.59	E	250	G		0.4	6	EASTERN SEA OF JAPAN
28	05	14	53.1?	52.50	N	173.51	E	33	N		1.0	11	NEAR ISLANDS, ALEUTIAN ISLANDS
28	06	16	00.3&	63.076	N	150.760	W	116				11	CENTRAL ALASKA. <AEIC>.
28	06	33	55.0?	30.77	S	179.64	W	426	D	3.8	0.9	10	KERMADEC ISLANDS REGION
28	07	33	25.2&	40.781	N	141.171	E	106	*		0.7	7	NEAR EAST COAST OF HONSHU, JAPAN
28	07	40	43.4	34.557	N	140.116	E	67	D	5.6	0.9	284	NEAR EAST COAST OF HONSHU, JAPAN. Mw 5.6 (GS), 5.6 (HRV). Felt (IV JMA) in southern Chiba Prefecture and (III JMA) at Tokyo. Moment Tensor (GS): Dep 47; Principal axes (scale 10**17 Nm): (T) Val=2.95, Plg=14, Azm=58; (N) Val=0.18, Plg=20, Azm=323; (P) Val=-3.13, Plg=66, Azm=181; Best double couple: Mo=3.0*10**17 Nm; NP1: Strike=173, Dip=35, Slip=-55; NP2: Strike=312, Dip=62, Slip=-112. Centroid, Moment Tensor (HRV): Centroid origin time 07:40:45.4; Lat 34.78 N; Lon 140.38 E; Dep 53.8; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=3.05, Plg=14, Azm=57; (N) Val=-0.18, Plg=22, Azm=321; (P) Val=-2.86, Plg=63, Azm=177; Best double couple: Mo=3.0*10**17 Nm; NP1: Strike=175, Dip=36, Slip=-50; NP2: Strike=309, Dip=63, Slip=-115.
28	07	41	05.7&	36.066	N	117.639	W	2				15	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.6 (PAS). ML 2.8 (GS).
28	08	41	40.4*	10.628	N	93.763	E	33	N		1.1	11	ANDAMAN ISLANDS, INDIA
28	08	49	21.4&	36.080	N	117.640	W	1				57	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 3.5 (PAS).
28	09	35	35.8*	28.491	N	129.183	E	84	*	4.2	1.3	22	RYUKYU ISLANDS
28	09	49	08.1	5.391	S	153.866	E	150	G	4.8	0.9	26	NEW IRELAND REGION, P.N.G.
28	10	08	48.1	38.114	N	118.264	W	5	G		0.8	16	CALIFORNIA-NEVADA BORDER REGION. ML 2.9 (GS).
28	10	19	41.6?	19.16	N	146.04	E	138	?	4.0	0.8	11	MARIANA ISLANDS REGION
28	10	45	22.7?	32.46	S	71.73	W	15	G		0.4	8	NEAR COAST OF CENTRAL CHILE. MD 3.0 (SAN).
28	10	56	02.7*	15.132	S	75.291	W	33	N	4.4	1.5	12	NEAR COAST OF PERU
28	11	29	30.5&	36.090	N	117.656	W	2				31	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 3.2 (PAS). ML 2.8 (GS).
28	11	49	02.6*	35.371	N	77.992	E	33	N	4.2	1.2	15	EASTERN KASHMIR
28	12	49	41.0?	31.73	S	69.86	W	150	G		0.4	10	SAN JUAN PROVINCE, ARGENTINA. MD 3.0 (SAN).
28	13	19	15.9&	61.004	N	150.705	W	0				58	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
28	13	28	42.8*	38.208	N	74.000	E	100	G	4.1	1.1	10	TAJIKISTAN-XINJIANG BORDER REG.
28	13	32	42.0*	18.236	S	175.423	W	200	G	4.9	1.0	32	TONGA ISLANDS
28	14	05	49.4	55.576	S	26.046	W	33	N	4.9	0.9	33	SOUTH SANDWICH ISLANDS REGION. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 14:05:56.9; Lat 55.80 S; Lon 26.06 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.08, Plg=52, Azm=259; (N) Val=-0.03, Plg=6, Azm=161; (P) Val=-1.05, Plg=37, Azm=66; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=121, Dip=9, Slip=50; NP2: Strike=342, Dip=83, Slip=96.
28	14	46	03.3&	36.064	N	117.642	W	2				11	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.7 (PAS). ML 2.7 (GS).
28	14	48	43.2?	16.33	N	98.37	W	33	N		1.5	6	NEAR COAST OF GUERRERO, MEXICO
28	15	44	47.8&	85.791	N	26.496	E	10	G	4.3	1.4	5	NORTH OF SVALBARD
28	16	50	00.1*	12.778	S	166.995	E	189	D	3.9	1.0	22	SANTA CRUZ ISLANDS

28	18	29	17.2?	8.29	N	104.28	W	10	G	4.0		1.4	5	OFF COAST OF MEXICO
28	20	04	09.1*	18.415	S	175.566	W	253	D	4.8		1.0	45	TONGA ISLANDS
28	21	25	58.8	1.222	S	24.170	W	10	G	5.2	5.2	0.9	95	CENTRAL MID-ATLANTIC RIDGE. Mw 6.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 21:26:11.9; Lat 0.96 S; Lon 23.86 W; Dep 15.0 Fix; Half-duration 3.0 sec; Principal axes (scale 10**18 Nm): (T) Val=3.14, Plg=5, Azm=221; (N) Val=-0.14, Plg=80, Azm=339; (P) Val=-3.00, Plg=9, Azm=130; Best double couple: Mo=3.1*10**18 Nm; NP1: Strike=266, Dip=80, Slip=-177; NP2: Strike=175, Dip=87, Slip=-10.
28	21	47	13.5&	36.087	N	117.651	W	2					60	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 3.5 (PAS). ML 3.3 (GS).
28	22	05	56.9&	36.090	N	117.652	W	2					68	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 3.7 (PAS). ML 3.8 (GS).
28	22	26	08.5?	21.87	N	143.03	E	200	G			1.3	9	MARIANA ISLANDS REGION
28	22	37	07.5?	53.66	N	162.69	E	33	N			0.4	5	OFF EAST COAST OF KAMCHATKA
28	22	58	43.9*	21.650	N	121.584	E	33	N	4.1		0.7	9	TAIWAN REGION
28	23	09	57.8?	12.29	S	167.03	E	200	G	3.9		1.2	21	SANTA CRUZ ISLANDS
28	23	27	15.1?	12.16	S	167.12	E	100	G			1.2	17	SANTA CRUZ ISLANDS
28	23	45	40.7&	36.084	N	117.648	W	3					13	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.8 (PAS). ML 2.7 (GS).
29	00	51	40.5	56.513	S	25.345	W	33	N	5.1	5.3	0.9	31	SOUTH SANDWICH ISLANDS REGION
29	00	55	13.0	6.960	N	76.781	W	33	N	4.4		1.0	36	NORTHERN COLOMBIA
29	00	57	18.8*	31.965	S	178.127	W	33	N	4.8		1.3	28	KERMADEC ISLANDS REGION
29	00	58	20.8?	12.49	N	87.40	W	33	N	4.0		1.8	9	NEAR COAST OF NICARAGUA
29	01	21	16.7?	8.85	N	83.13	W	33	N			1.2	7	COSTA RICA
29	01	25	23.8*	34.570	N	32.075	E	33	N	3.1		1.1	15	CYPRUS REGION
29	01	30	21.4	6.950	N	76.656	W	33	N	4.2		1.1	23	NORTHERN COLOMBIA
29	01	32	34.9	43.121	N	0.238	W	10	G			1.3	44	PYRENEES. ML 3.6 (LDG). Felt (III) at Asson and in the Ossau Valley, France.
29	02	22	27.8*	12.093	N	143.850	E	43	*	4.2		1.1	23	SOUTH OF MARIANA ISLANDS
29	02	37	35.4?	11.34	S	166.04	E	33	N	4.2		1.4	13	SANTA CRUZ ISLANDS
29	02	48	24.6&	40.756	N	123.261	W	32					32	NORTHERN CALIFORNIA. <GM-P>. MD 3.7 (GM). ML 3.6 (BRK), 3.6 (GS).
29	03	15	36.9&	36.063	N	117.650	W	1					28	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.8 (PAS).
29	03	25	31.4?	55.41	N	166.96	E	33	N	4.0		1.2	13	KOMANDORSKY ISLANDS REGION
29	03	28	15.5?	5.00	S	145.18	E	33	N	3.7		1.2	7	EASTERN NEW GUINEA REG., P.N.G.
29	04	26	22.5	34.605	N	32.283	E	33	N	3.4		1.0	23	CYPRUS REGION. MD 3.9 (HLW).
29	04	34	06.3	19.810	S	175.747	W	178	D	4.9		0.8	92	TONGA ISLANDS
29	04	48	35.7&	47.954	N	5.637	E	10	G			0.7	6	FRANCE. ML 1.8 (LDG).
29	05	41	33.6&	35.919	N	89.927	W	20					37	TENNESSEE. <TEIC>. mbLg 4.3 (GS), 4.1 (TUL). Felt (V) at Blytheville, Leachville and Luxora, Arkansas. Also felt (V) at Hornersville and Senath, Missouri and at Tiptonville, Tennessee. Felt in parts of northeastern Arkansas, western Kentucky and Tennessee, southeastern Missouri, southern Illinois and northern Mississippi.
29	06	17	03.6?	0.64	N	30.52	W	10	G	4.1		0.8	6	CENTRAL MID-ATLANTIC RIDGE
29	06	41	00.0	6.862	S	129.493	E	145	*	4.7		1.0	23	BANDA SEA
29	07	22	47.5?	31.77	S	70.09	W	150	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
29	07	32	03.7*	23.439	N	45.052	W	10	G	4.2		0.9	16	NORTHERN MID-ATLANTIC RIDGE
29	08	08	25.0*	12.173	S	166.467	E	97	D	4.5		1.1	21	SANTA CRUZ ISLANDS
29	08	35	40.6*	13.684	N	146.432	E	33	N	4.2		1.0	16	SOUTH OF MARIANA ISLANDS
29	08	46	06.3*	3.333	S	12.040	W	10	G	4.2		0.9	16	NORTH OF ASCENSION ISLAND
29	08	48	54.1&	63.270	N	151.110	W	24					19	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR).
29	09	07	03.4*	4.093	S	128.742	E	145	?	4.4		0.2	9	BANDA SEA
29	10	07	09.1?	24.52	S	178.49	W	400	G	4.1		0.7	14	SOUTH OF FIJI ISLANDS
29	10	08	42.5	18.696	N	107.079	W	33	N	4.8	4.4	1.1	85	OFF COAST OF JALISCO, MEXICO
29	10	15	04.5	6.736	S	128.032	E	335	*	4.7		0.9	15	BANDA SEA
29	10	29	49.4?	6.71	S	157.06	E	33	N	4.3		1.1	11	SOLOMON ISLANDS
29	10	33	52.8?	19.82	S	168.92	E	33	N	4.4		1.5	20	VANUATU ISLANDS
29	10	39	35.8?	6.04	N	125.63	E	145	?	4.3		0.8	15	MINDANAO, PHILIPPINE ISLANDS
29	10	47	09.0&	36.290	N	89.370	W	5	G				13	NEW MADRID, MISSOURI REGION. <TEIC>. mbLg 3.6 (GS). Felt at Ridgely, Tennessee.
29	11	39	39.6*	35.302	N	78.163	E	33	N			0.7	11	EASTERN KASHMIR
29	11	50	02.8?	16.13	S	72.66	W	111	*	4.5		1.2	13	NEAR COAST OF PERU. Felt (II) at Arequipa.
29	12	24	54.9&	34.082	S	70.320	W	10	G			0.3	6	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
29	12	45	29.5?	34.84	N	32.12	E	33	N	3.5		0.5	10	CYPRUS REGION
29	13	42	24.5&	36.075	N	117.634	W	1					7	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.7 (PAS).
29	13	44	32.0?	13.72	N	146.57	E	33	N			0.1	6	SOUTH OF MARIANA ISLANDS
29	14	41	57.1&	63.347	N	145.341	W	15					39	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
29	14	45	50.4&	31.642	N	132.067	E	33	N			0.1	5	SOUTHEAST OF SHIKOKU, JAPAN
29	15	19	20.4?	18.24	N	67.13	W	33	N			0.4	5	MONA PASSAGE. MD 2.7 (MPR).
29	15	24	09.1*	34.274	N	141.476	E	33	N			1.1	6	OFF EAST COAST OF HONSHU, JAPAN
29	15	52	48.3*	23.725	S	67.587	W	150	G	4.6		1.0	21	CHILE-ARGENTINA BORDER REGION
29	17	07	33.7*	28.901	N	129.567	E	49	*	4.0		1.3	10	RYUKYU ISLANDS
29	17	40	37.5*	28.784	N	130.180	E	33	N	4.3		1.4	10	RYUKYU ISLANDS
29	18	01	40.9*	46.838	N	150.745	E	150	G	3.8		1.2	23	KURIL ISLANDS
29	18	12	14.9*	19.907	S	179.049	E	529	*	4.5		1.0	40	SOUTH OF FIJI ISLANDS
29	19	51	15.3*	0.712	S	119.874	E	72	?	4.3		1.1	15	MINAHASSA PENINSULA, SULAWESI
29	20	13	30.6*	1.657	S	55.490	E	10	G	3.9		0.9	10	SOUTH INDIAN OCEAN
29	20	35	28.8*	24.370	N	123.620	E	33	N	4.0		0.5	7	SOUTHWESTERN RYUKYU ISLANDS
29	21	31	36.1&	32.675	N	132.187	E	33	N			0.8	7	SHIKOKU, JAPAN
29	21	31	42.2&	36.090	N	117.655	W	2					53	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 3.1 (PAS). ML 3.3 (GS).
30	00	23	38.0*	30.355	N	131.134	E	33	N	4.3		1.4	16	KYUSHU, JAPAN
30	00	33	07.2&	60.147	N	152.892	W	105					66	SOUTHERN ALASKA. <AEIC>.
30	00	33	50.8&	33.377	S	70.750	W	80	G			0.3	9	CHILE-ARGENTINA BORDER REGION. MD 2.1 (SAN).
30	01	54	04.9	44.561	N	7.291	E	10	G			0.4	17	NORTHERN ITALY. ML 2.3 (GEN), 2.2 (LDG).
30	02	25	48.8?	34.59	S	109.05	W	10	G	4.4		0.7	5	SOUTHERN EAST PACIFIC RISE
30	02	51	15.6*	38.842	N	140.778	E	33	N			1.1	7	EASTERN HONSHU, JAPAN
30	03	20	58.2&	33.347	S	70.114	W	10	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
30	03	49	03.8	46.434	N	10.808	E	10	G			0.9	11	NORTHERN ITALY. ML 2.8 (VIE).
30	04	08	36.6*	1.374	S	137.115	E	33	N	4.8	4.6	1.3	23	NEAR NORTH COAST OF IRIAN JAYA

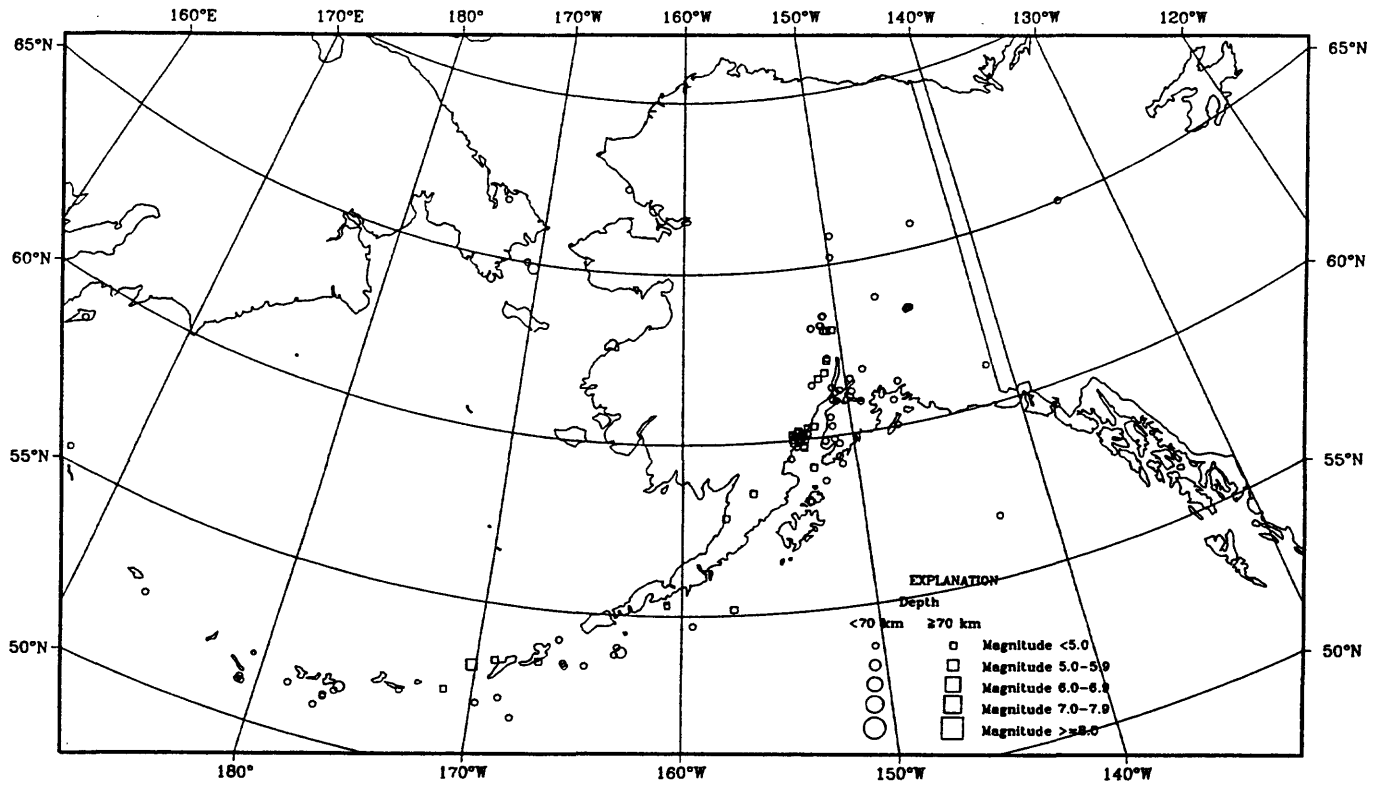
30	04	36	52.9*	17.497	S	178.727	W	600	G	4.7		0.8	22	FIJI ISLANDS REGION
30	04	49	50.7*	51.627	N	16.192	E	5	G			1.0	9	POLAND. ML 2.4 (MOX).
30	05	30	32.0*	0.648	N	120.682	E	33	N	4.1		0.7	12	MINAHASSA PENINSULA, SULAWESI
30	05	52	43.5?	34.51	S	71.01	W	70	G			0.3	10	NEAR COAST OF CENTRAL CHILE
30	06	10	12.0&	45.526	N	3.572	E	5	G			0.6	6	FRANCE. ML 2.0 (LDG).
30	06	27	30.1*	46.034	N	142.346	E	322	?			1.0	10	SAKHALIN ISLAND
30	08	08	03.8	45.419	N	151.817	E	33	N	5.2	4.5	0.9	181	KURIL ISLANDS
30	10	21	10.9?	10.68	N	85.93	W	33	N	4.0		1.3	9	COSTA RICA
30	10	23	50.4*	17.047	S	178.604	W	500	G	4.5		0.6	20	FIJI ISLANDS REGION
30	10	29	50.3?	31.81	S	70.08	W	150	G			0.4	8	CHILE-ARGENTINA BORDER REGION
30	11	02	48.2	36.369	N	71.021	E	252	D	4.7		0.9	169	AFGHANISTAN-TAJIKISTAN BORD REG.
30	11	26	35.5&	32.574	S	70.837	W	70	G			0.4	10	CHILE-ARGENTINA BORDER REGION
30	11	27	24.0*	0.932	N	28.247	W	10	G	4.3		0.8	15	CENTRAL MID-ATLANTIC RIDGE
30	12	20	08.4*	45.549	N	151.742	E	33	N			0.8	13	KURIL ISLANDS
30	12	28	14.7*	52.268	N	168.739	W	33	N	4.6		1.3	51	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.4 (PMR).
30	12	31	23.1	13.204	N	146.704	E	33	N	4.6		0.8	25	SOUTH OF MARIANA ISLANDS
30	12	38	23.2&	33.238	S	70.400	W	100	G			0.3	10	CHILE-ARGENTINA BORDER REGION
30	13	27	15.7*	18.760	N	107.363	W	33	N	3.8		1.0	12	OFF COAST OF JALISCO, MEXICO
30	13	41	08.0*	21.818	N	121.662	E	33	N	4.0		0.9	13	TAIWAN REGION
30	14	05	57.6	45.236	N	83.067	E	33	N	4.9	4.1	1.4	56	NORTHERN XINJIANG, CHINA
30	14	12	15.6?	18.83	N	121.32	E	33	N	4.1		0.7	6	LUZON, PHILIPPINE ISLANDS
30	14	50	55.5?	42.63	N	17.93	E	10	G			0.2	7	ADRIATIC SEA
30	15	11	35.9&	61.149	N	141.400	W	0					30	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).
30	15	23	55.4?	26.80	S	177.44	W	33	N	4.5		1.3	13	SOUTH OF FIJI ISLANDS
30	16	19	45.6?	32.31	S	69.76	W	140	G			0.3	10	MENDOZA PROVINCE, ARGENTINA
30	16	28	38.4&	36.091	N	117.655	W	2					12	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.7 (PAS). ML 2.7 (GS).
30	16	32	18.1*	35.487	N	77.236	E	33	N			0.9	10	EASTERN KASHMIR
30	16	56	09.5	19.043	N	121.235	E	33	N	4.5	3.7	0.9	32	PHILIPPINE ISLANDS REGION
30	17	01	22.8	15.420	S	75.629	W	33	N	4.2		0.9	22	NEAR COAST OF PERU
30	17	18	46.3	44.464	N	114.066	W	5	G			0.6	11	WESTERN IDAHO. ML 3.3 (BUT).
30	17	23	43.7?	25.23	S	117.48	E	10	G	3.9		1.6	6	WESTERN AUSTRALIA
30	17	34	25.9*	12.348	N	143.469	E	33	N			0.4	7	SOUTH OF MARIANA ISLANDS
30	17	37	51.2?	34.11	S	70.89	W	90	G			0.0	4	CHILE-ARGENTINA BORDER REGION
30	17	55	13.0	41.762	N	139.420	E	33	N	5.0		0.8	121	HOKKAIDO, JAPAN REGION
30	18	49	16.9	6.358	S	147.275	E	88		4.2		0.8	19	EASTERN NEW GUINEA REG., P.N.G.
30	18	57	03.3*	23.421	S	179.885	E	600	G	4.4		0.6	16	SOUTH OF FIJI ISLANDS
30	19	03	05.2&	36.067	N	117.647	W	2					13	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.8 (PAS). ML 2.7 (GS).
30	19	42	21.8	21.983	S	68.502	W	114	D	4.1		0.9	19	CHILE-BOLIVIA BORDER REGION
30	20	15	15.5&	36.093	N	117.654	W	3					13	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.8 (PAS). ML 2.7 (GS).
30	21	04	51.0*	34.970	N	77.896	E	33	N			1.0	9	EASTERN KASHMIR
30	21	29	59.0*	18.620	N	145.311	E	361	*	3.6		1.1	23	MARIANA ISLANDS
30	22	11	14.5&	36.093	N	117.652	W	1					62	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 3.6 (PAS). ML 3.5 (GS).
30	22	14	31.0	18.410	S	177.774	W	600	G	5.0		0.9	210	FIJI ISLANDS REGION. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 22:14:37.5; Lat 18.31 S; Lon 177.69 W; Dep 616.6; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.88, Plg=19, Azm=141; (N) Val=0.39, Plg=5, Azm=233; (P) Val=-2.27, Plg=71, Azm=337; Best double couple: Mo=2.1*10**17 Nm; NP1: Strike=222, Dip=27, Slip=-101; NP2: Strike=55, Dip=64, Slip=-84.
30	22	41	01.9	44.329	N	7.289	E	5	G			0.3	14	NORTHERN ITALY. ML 2.2 (GEN), 2.0 (LDG).
30	23	17	17.8	31.856	S	66.639	W	132		3.9		0.9	27	LA RIOJA PROVINCE, ARGENTINA. MD 4.1 (SAN).

Compiled by Pamela J. Benfield, Don L. Blakeman, George L. Choy, Stuart K. Koyanagi, John H. Minsch, Waverly J. Person, Stuart A. Sipkin and Madeleine D. Zirbes.

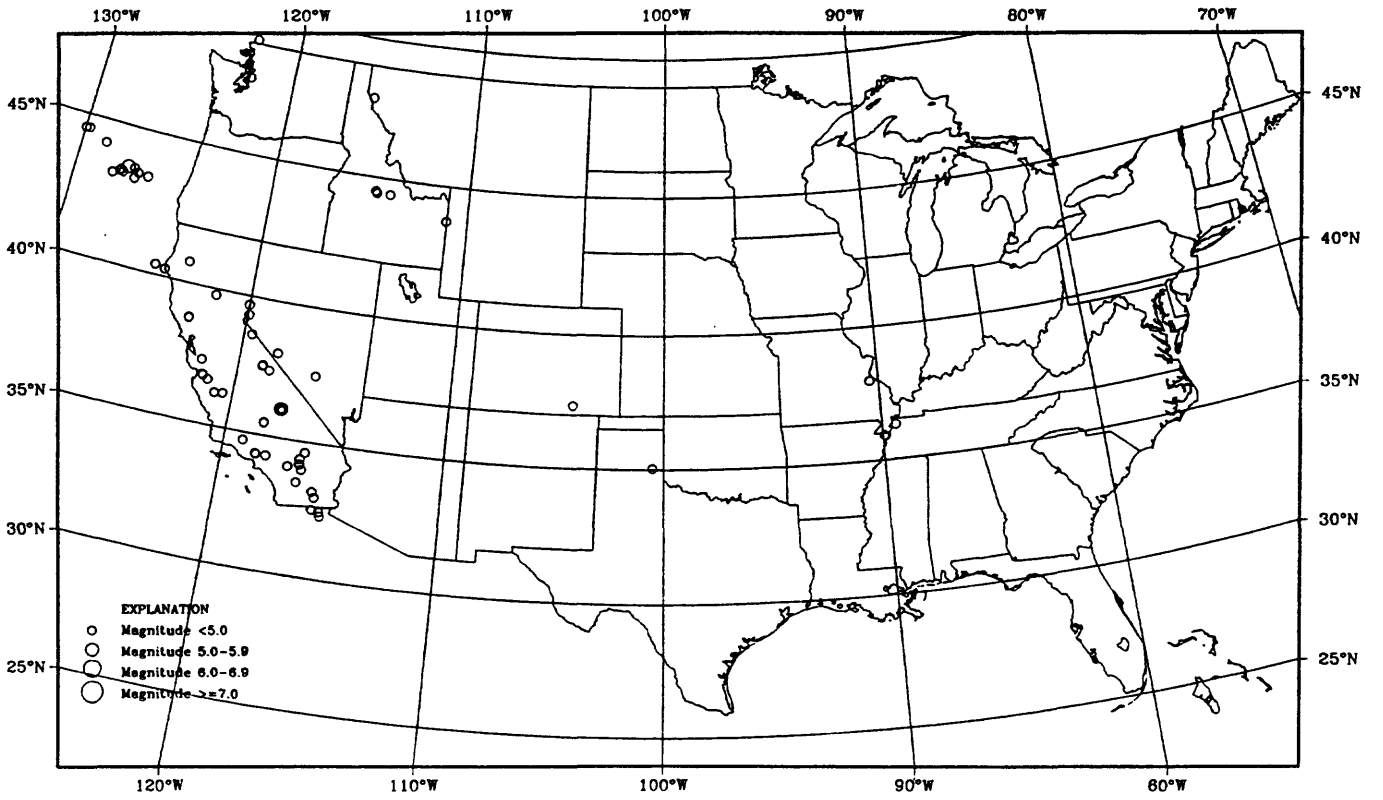
Earthquake Focal Mechanisms for November 1996



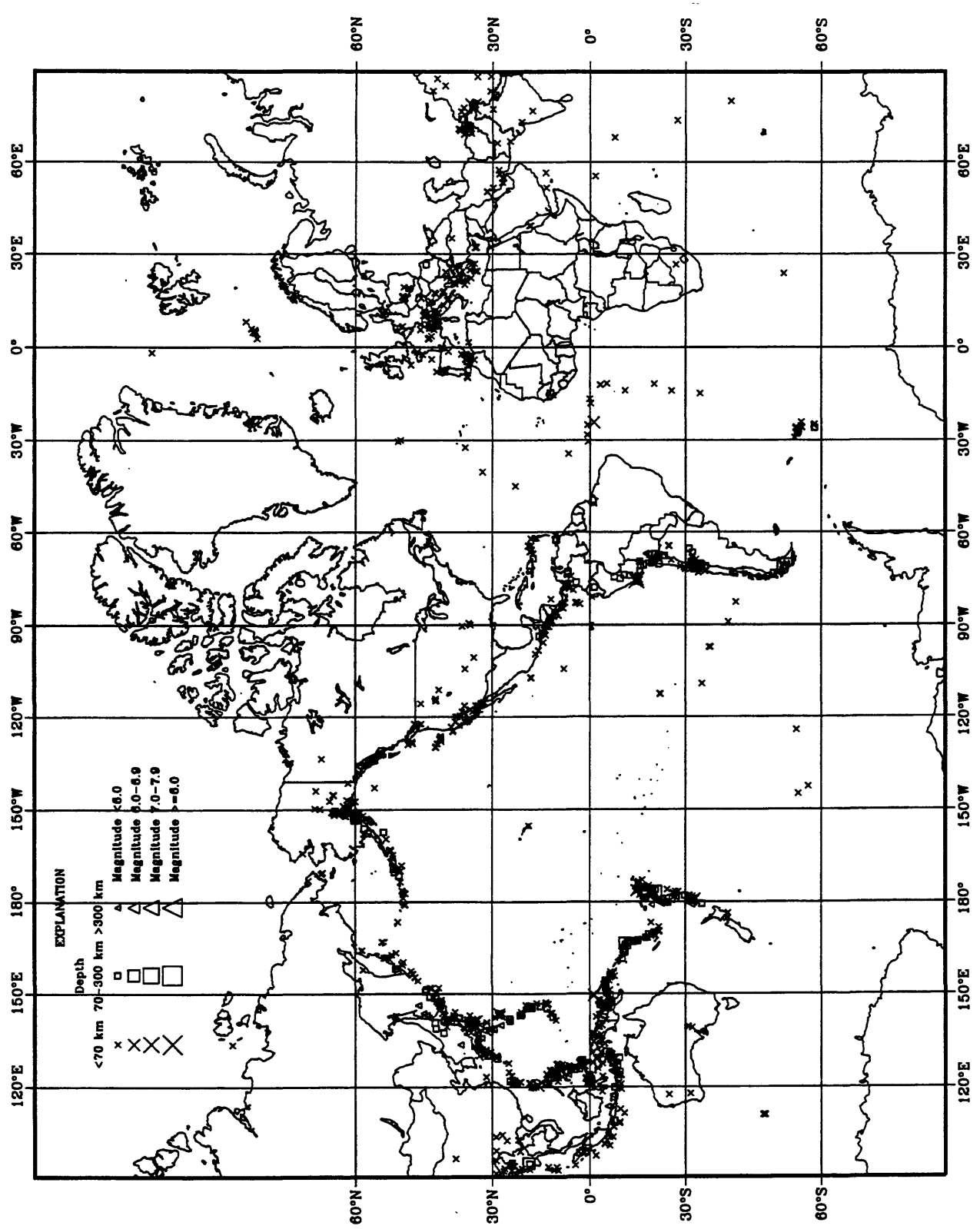
Earthquake epicenters in Alaska and adjacent regions for November 1996



Earthquake epicenters in the conterminous United States and adjacent regions for November 1996



Earthquakes located worldwide in November 1996



PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

DECEMBER 1996

ORIGIN TIME UTC DAY	HR	MN	SEC	GEOGRAPHIC COORDINATES LAT		LONG		DEPTH	MAGNITUDE GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
01	00	17	37.9	15.450	S	75.361	W	33 N	4.9	4.8	0.9	48	NEAR COAST OF PERU. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:17:41.7; Lat 15.82 S; Lon 75.28 W; Dep 34.4; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.09, Plg=53, Azm=120; (N) Val=-0.30, Plg=33, Azm=332; (P) Val=-0.79, Plg=15, Azm=232; Best double couple: Mo=9.4*10**16 Nm; NP1: Strike=284, Dip=41, Slip=35; NP2: Strike=167, Dip=68, Slip=126.
01	00	30	38.0&	59.761	N	152.811	W	87				57	SOUTHERN ALASKA. <AEIC>.
01	00	38	21.3&	59.825	N	151.984	W	68				53	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
01	00	46	11.9*	29.449	N	65.824	E	33 N	3.9		0.6	16	PAKISTAN. Felt in Baluchistan.
01	01	14	19.4&	60.229	N	153.089	W	140				50	SOUTHERN ALASKA. <AEIC>.
01	01	37	55.4*	17.019	N	61.992	W	118			0.8	12	LEEWARD ISLANDS. MD 3.6 (TRN).
01	01	41	54.7*	14.919	S	75.855	W	33 N	4.4		0.7	16	NEAR COAST OF PERU
01	01	42	37.0%	44.499	N	7.290	E	10 G			0.4	7	NORTHERN ITALY. ML 2.0 (GEN).
01	01	59	58.8&	58.695	N	155.188	W	136	4.0			131	ALASKA PENINSULA. <AEIC>.
01	02	00	57.5*	23.962	S	175.016	W	33 N	4.6		0.9	17	TONGA ISLANDS REGION
01	02	17	48.4*	29.473	N	66.089	E	33 N	4.4		1.0	18	PAKISTAN. Felt in Baluchistan.
01	02	37	51.3*	20.700	S	68.939	W	120 *	4.2		0.9	19	CHILE-BOLIVIA BORDER REGION
01	02	50	53.6	36.466	N	27.917	E	33 N	3.8		0.9	25	DODECANESE ISLANDS
01	03	45	26.9?	14.78	S	167.33	E	33 N			1.1	11	VANUATU ISLANDS
01	04	05	42.9*	21.526	N	98.252	E	33 N	4.3		1.0	17	MYANMAR
01	05	27	46.9%	32.588	S	71.443	W	60 G			0.3	10	NEAR COAST OF CENTRAL CHILE. MD 2.5 (SAN).
01	05	51	39.3*	24.040	N	122.292	E	33 N	4.2		0.6	11	TAIWAN REGION
01	06	40	17.1*	15.681	S	174.187	W	33 N	4.2		0.5	10	TONGA ISLANDS
01	07	26	20.3&	59.896	N	153.146	W	110				63	SOUTHERN ALASKA. <AEIC>.
01	08	32	59.7%	44.358	N	7.302	E	5 G			0.2	5	NORTHERN ITALY. ML 1.8 (GEN).
01	09	01	49.2	29.385	N	65.922	E	33 N	4.1		0.7	19	PAKISTAN
01	09	19	34.6*	2.893	S	129.877	E	33 N	4.3		1.3	11	SERAM, INDONESIA
01	09	45	19.3*	47.212	N	152.704	E	68 D			0.5	9	KURIL ISLANDS
01	11	23	28.9	44.189	N	6.789	E	5 G			0.5	22	FRANCE. ML 2.5 (GEN), 2.2 (LDG).
01	11	50	33.4?	17.80	S	178.72	W	600 G	4.6		1.3	25	FIJI ISLANDS REGION
01	11	52	43.7	45.851	N	0.029	W	5 G			1.0	42	FRANCE. ML 3.9 (STR), 3.8 (LDG).
01	12	16	54.3&	61.448	N	150.712	W	66				87	SOUTHERN ALASKA. <AEIC>. ML 3.7 (AEIC), 3.4 (PMR).
01	12	17	20.1?	20.33	S	177.73	W	500 G	4.0		1.5	15	FIJI ISLANDS REGION
01	13	39	59.8	31.555	S	67.249	W	117 D	3.7		1.0	26	SAN JUAN PROVINCE, ARGENTINA
01	13	44	33.0	30.287	N	32.180	E	10 G	3.5		1.4	22	EGYPT. ML 4.2 (JER).
01	13	47	11.1%	47.674	N	4.690	E	10 G			0.6	7	FRANCE. ML 1.8 (LDG).
01	14	56	17.3*	17.265	S	173.705	W	33 N	4.4		1.1	18	TONGA ISLANDS
01	15	05	34.7?	2.84	S	138.25	E	33 N	4.0		0.4	5	IRIAN JAYA, INDONESIA
01	15	30	26.9&	34.591	N	116.618	W	7				6	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.1 (PAS).
01	15	34	57.8*	35.474	N	78.387	E	33 N			1.3	12	EASTERN KASHMIR
01	16	33	38.3*	10.336	N	60.591	W	68	3.8		0.5	15	TRINIDAD. MD 3.7 (TRN).
01	16	33	48.3	40.411	N	37.255	E	10 G	4.4		0.9	44	TURKEY
01	16	44	10.3%	33.508	S	70.041	W	10 G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
01	17	05	45.6*	54.020	N	161.235	W	33 N			0.9	14	ALASKA PENINSULA
01	17	38	25.1*	55.539	S	26.150	W	33 N	4.5		0.8	8	SOUTH SANDWICH ISLANDS REGION
01	17	39	18.2*	6.883	S	154.711	E	33 N	4.2		1.1	15	SOLOMON ISLANDS
01	18	44	21.7?	11.09	S	111.57	E	33 N	4.4		0.8	8	SOUTH OF JAWA, INDONESIA
01	18	54	36.8*	71.523	N	3.143	W	10 G	3.6		1.2	12	JAN MAYEN ISLAND REGION
01	21	53	20.1*	3.568	S	145.590	E	33 N	4.6		1.6	15	NEAR N COAST OF NEW GUINEA, PNG.
01	22	28	36.7&	63.248	N	150.984	W	11				60	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.0 (PMR).
01	22	37	48.1?	50.95	N	179.96	E	33 N			1.3	7	RAT ISLANDS, ALEUTIAN ISLANDS
01	22	46	20.2%	44.555	N	7.290	E	10 G			0.1	7	NORTHERN ITALY. ML 1.9 (GEN).
01	23	08	36.6?	20.65	S	179.35	W	600 G	4.2		0.7	11	FIJI ISLANDS REGION
	23	09	40.5	30.522	S	179.675	W	356 D	5.3		1.1	198	KERMADEC ISLANDS REGION. Mw 6.2 (GS), 6.2 (HRV). mb 5.8 (BRK). Moment Tensor (GS): Dep 367; Principal axes (scale 10**18 Nm): (T) Val=1.88, Plg=19, Azm=105; (N) Val=0.00, Plg=23, Azm=204; (P) Val=-1.89, Plg=60, Azm=340; Best double couple: Mo=1.9*10**18 Nm; NP1: Strike=163, Dip=33,

													Slip=-135; NP2: Strike=34, Dip=67, Slip=-65. Centroid, Moment Tensor (HRV): Centroid origin time 23:09:46.7; Lat 30.46 S; Lon 179.40 W; Dep 369.6; Half-duration 2.8 sec; Principal axes (scale 10**18 Nm): (T) Val=1.77, Plg=14, Azm=90; (N) Val=0.14, Plg=40, Azm=192; (P) Val=-1.92, Plg=47, Azm=344; Best double couple: Mo=1.9*10**18 Nm; NP1: Strike=140, Dip=47, Slip=-152; NP2: Strike=30, Dip=70, Slip=-47.
01	23	11	38.9%	32.947	S	70.258	W	100	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 2.6 (SAN).
02	00	06	27.8*	71.329	N	7.972	W	10	G	4.2		0.7	6	JAN MAYEN ISLAND REGION
02	00	14	36.7?	31.90	S	69.83	W	150	G			0.4	10	SAN JUAN PROVINCE, ARGENTINA. MD 2.6 (SAN).
02	01	57	10.2*	23.953	N	122.143	E	10	G			0.3	5	TAIWAN REGION
02	03	00	12.2*	28.114	N	143.183	E	36	D	4.7		0.9	9	BONIN ISLANDS REGION
02	04	08	48.3	34.401	N	32.184	E	33	N	5.0	4.5	1.0	171	CYPRUS REGION. ML 5.1 (JER). Felt at Kato Pyrgos, Limassol and Paphos.
02	04	29	49.3%	33.253	S	71.397	W	50	G			0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
02	07	00	24.6	28.005	N	130.076	E	32	D	5.1	4.9	1.0	68	RYUKYU ISLANDS
02	08	20	54.2*	12.265	N	144.452	E	57	*	4.2		0.9	12	SOUTH OF MARIANA ISLANDS
02	08	39	28.6?	20.51	S	170.00	E	33	N	4.3		0.8	10	VANUATU ISLANDS
02	08	55	19.9%	33.922	S	71.137	W	50	G			0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
02	09	04	08.6	30.506	N	131.258	E	34		4.8	4.6	0.8	31	KYUSHU, JAPAN
02	09	17	56.6	24.457	S	179.816	E	500	G	4.7		1.0	50	SOUTH OF FIJI ISLANDS
02	09	32	01.7?	55.64	S	27.19	W	33	N	4.3		1.4	6	SOUTH SANDWICH ISLANDS REGION
02	09	46	11.0&	59.356	N	152.748	W	79					58	SOUTHERN ALASKA. <AEIC>.
02	10	08	14.0*	45.168	N	148.542	E	150	G	4.4		0.9	12	KURIL ISLANDS
02	10	19	58.2%	33.448	S	70.548	W	80	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
02	10	27	52.8%	33.464	N	132.419	E	33	N			1.0	5	SHIKOKU, JAPAN
02	10	53	35.0?	49.19	S	118.35	E	10	G	4.2		0.8	6	SOUTH OF AUSTRALIA
02	11	20	47.8&	61.497	N	152.025	W	8					64	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
02	11	30	36.2*	0.457	N	125.652	E	33	N	4.2		1.2	10	NORTHERN MOLUCCA SEA
02	11	47	48.8?	44.64	N	10.24	E	10	G			0.1	4	NORTHERN ITALY. ML 2.2 (GEN).
02	12	13	16.5?	30.73	S	179.57	E	450	G	4.2		1.3	24	KERMADEC ISLANDS REGION
02	12	49	25.7?	11.06	S	111.75	E	33	N	4.2		0.9	5	SOUTH OF JAWA, INDONESIA
02	13	10	00.2*	10.717	S	112.200	E	33	N	3.8		0.8	10	SOUTH OF JAWA, INDONESIA
02	13	12	04.6?	21.52	S	70.48	W	50	G			1.0	6	NEAR COAST OF NORTHERN CHILE
02	13	27	45.8	10.712	S	112.180	E	33	N	4.5	4.4	1.1	24	SOUTH OF JAWA, INDONESIA
02	13	30	22.4?	10.86	S	112.01	E	33	N			1.0	8	SOUTH OF JAWA, INDONESIA
02	13	46	11.5*	22.031	S	71.196	W	10	G			1.2	7	OFF COAST OF NORTHERN CHILE
02	14	09	38.2?	43.92	N	150.59	E	33	N			1.5	8	EAST OF KURIL ISLANDS
02	15	10	39.1*	53.262	N	169.803	W	107	D	4.2		1.4	34	FOX ISLANDS, ALEUTIAN ISLANDS
02	15	35	07.0?	10.37	S	112.55	E	33	N	3.7		1.0	8	SOUTH OF JAWA, INDONESIA
02	15	39	35.5	10.754	S	112.098	E	33	N	4.3		1.2	25	SOUTH OF JAWA, INDONESIA
02	17	54	09.3*	36.425	N	70.633	E	250	G	4.2		0.4	8	HINDU KUSH REGION, AFGHANISTAN
02	18	28	27.0*	38.788	S	113.461	E	10	G	4.2		0.9	15	SOUTHWEST OF AUSTRALIA
02	18	35	26.2?	6.70	N	126.57	E	33	N	4.1		0.9	10	MINDANAO, PHILIPPINE ISLANDS
02	18	44	18.7?	29.21	N	34.63	E	10	G			0.5	5	EGYPT
02	18	46	46.3?	56.06	S	29.21	W	33	N			1.4	6	SOUTH SANDWICH ISLANDS REGION
02	18	51	56.6*	12.276	N	125.243	E	33	N	4.4		0.8	14	SAMAR, PHILIPPINE ISLANDS
02	18	55	02.4*	34.203	S	69.476	W	33	N			0.7	9	CHILE-ARGENTINA BORDER REGION
02	19	48	10.5	7.917	S	129.920	E	50	G	4.7		1.0	32	BANDA SEA
02	20	36	04.1*	56.464	S	25.336	W	33	N	4.6		0.8	14	SOUTH SANDWICH ISLANDS REGION
02	21	25	28.5	13.983	S	170.307	E	600	G	5.2		1.1	148	VANUATU ISLANDS REGION. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 21:25:33.8; Lat 13.98 S; Lon 170.37 E; Dep 627.6; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.34, Plg=2, Azm=179; (N) Val=-0.23, Plg=30, Azm=88; (P) Val=-2.11, Plg=60, Azm=273; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=296, Dip=50, Slip=-50; NP2: Strike=63, Dip=54, Slip=-127.
02	21	54	33.3?	50.28	N	128.62	W	10	G			1.2	7	VANCOUVER ISLAND REGION
02	22	00	23.1*	7.463	S	129.778	E	100	G	3.9		0.8	6	BANDA SEA
02	22	01	35.6*	9.237	S	125.319	E	50	G	4.1		1.1	7	TIMOR REGION, INDONESIA
02	22	17	59.2	31.789	N	131.314	E	49		6.0	6.6	1.0	332	KYUSHU, JAPAN. Mw 6.9 (OBN), 6.7 (GS), 6.7 (HRV). Me 6.0 (GS). Ms 6.4 (BRK). Felt (V JMA) in southern Miyazaki Prefecture. Felt from Fukuoka to Kagoshima. Local tsunami observed with maximum recorded wave heights (peak-to-trough) of 21 cm in the Nichinan-Aburatsu area and 4 cm in the Hyuga-Hososhima area. Broadband Source Parameters (GS): Dep 29; NP1: Strike=35, Dip=75, Slip=90; NP2: Strike=215, Dip=15, Slip=90; Radiated energy 2.2*10**13 Nm. Complex earthquake, with at least two events occurring about 2 seconds apart. Moment Tensor (GS): Dep 19; Principal axes (scale 10**19 Nm): (T) Val=1.17, Plg=58, Azm=320; (N) Val=-0.03, Plg=14, Azm=205; (P) Val=-1.13, Plg=27, Azm=107; Best double couple: Mo=1.1*10**19 Nm; NP1: Strike=165, Dip=22, Slip=48; NP2: Strike=29, Dip=74, Slip=105. Centroid, Moment Tensor (HRV): Centroid origin time 22:18:06.3; Lat 31.76 N; Lon 131.72 E; Dep 33.4; Half-duration 5.8 sec; Principal axes (scale 10**19 Nm): (T) Val=1.24, Plg=64, Azm=313; (N) Val=-0.04, Plg=3, Azm=216; (P) Val=-1.21, Plg=26, Azm=124; Best double couple: Mo=1.2*10**19 Nm; NP1: Strike=206, Dip=19, Slip=80; NP2: Strike=37, Dip=71, Slip=94. Scalar Moment (PPT): Mo=1.7*10**19 Nm. Scalar Moment (OBN): Mo=2.6*10**19 Nm.
02	23	33	11.9	40.038	N	119.581	W	5	G			1.0	75	NEVADA. ML 4.2 (GS), 4.4 (BRK). MD 4.2 (REN), 4.1 (GM). Felt in the Pyramid Lake area.
02	23	35	51.0	40.029	N	119.634	W	5	G			1.0	31	NEVADA. ML 3.7 (GS). MD 3.4 (GM).
02	23	36	39.9?	37.23	N	139.24	E	33	N			0.9	4	EASTERN HONSHU, JAPAN
02	23	40	57.0*	3.953	S	103.313	E	150	G	4.4		1.0	22	SOUTHERN SUMATERA, INDONESIA
03	00	20	13.4	44.784	N	10.453	E	10	G			0.6	25	NORTHERN ITALY. ML 2.9 (VIE), 2.8 (LDG).
03	00	30	56.9	47.627	N	16.074	E	10	G			0.9	12	AUSTRIA. ML 3.5 (GRF), 3.2 (MOX), 3.1 (VIE), 3.1 (FUR), 3.1

													(BRA). Felt (V) at Gloggnitz.
03	01	09	37.0%	42.736	N	0.629	W	5	G		1.3	6	PYRENEES. ML 2.5 (LDG).
03	02	25	42.3*	35.335	N	24.352	E	33	N	3.7	1.0	19	CRETE
[illegible]	02	58	11.8*	7.685	S	127.380	E	150	G	4.1	1.5	6	BANDA SEA
[illegible]	03	13	32.7*	22.064	S	68.326	W	135	*	3.8	1.1	16	NORTHERN CHILE
03	04	09	15.3*	51.483	N	16.212	E	5	G		0.9	12	POLAND. ML 3.6 (GRF), 3.6 (VIE), 3.4 (MOX).
03	04	28	35.1&	36.081	N	117.636	W	1				45	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.8 (PAS). ML 3.0 (GS).
03	04	29	39.1	39.961	N	119.652	W	5	G		0.9	37	NEVADA. ML 3.5 (GS), 3.6 (BRK). MD 3.5 (GM).
03	04	46	27.1	10.662	S	112.140	E	33	N	4.5	1.2	32	SOUTH OF JAWA, INDONESIA
03	04	50	23.3%	47.645	N	2.882	W	10	G		0.5	5	FRANCE. ML 2.2 (LDG).
03	05	10	55.0	31.735	N	131.878	E	33	N	3.9	0.6	13	KYUSHU, JAPAN
03	05	19	44.1?	17.25	S	178.80	W	500	G	4.3	0.8	13	FIJI ISLANDS REGION
03	06	20	13.9*	10.630	S	112.171	E	33	N	3.9	0.8	11	SOUTH OF JAWA, INDONESIA
03	06	22	56.4?	10.49	S	112.38	E	33	N	3.6	0.6	7	SOUTH OF JAWA, INDONESIA
03	06	34	01.4&	36.094	N	117.657	W	1				35	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.8 (PAS). ML 2.9 (GS).
03	06	38	30.8*	54.399	N	160.751	E	33	N	3.8	0.6	10	NEAR EAST COAST OF KAMCHATKA
03	07	21	05.3%	12.106	N	92.853	E	33	N		0.7	5	ANDAMAN ISLANDS, INDIA
03	07	40	24.8	38.316	N	21.742	E	5	G		1.1	10	GREECE. ML 3.8 (THE). Felt at Patrai.
03	07	55	09.2%	31.940	S	119.935	E	10	G	3.8	1.1	10	WESTERN AUSTRALIA
03	08	00	27.2?	15.87	S	173.83	W	33	N	4.0	1.4	6	TONGA ISLANDS
03	09	08	50.6*	40.024	N	119.666	W	5	G		1.1	5	NEVADA. MD 2.8 (GM).
03	09	19	49.3*	15.910	N	120.325	E	33	N	3.8	0.9	8	LUZON, PHILIPPINE ISLANDS
03	10	21	48.6&	60.497	N	140.498	W	0				20	SOUTHEASTERN ALASKA. <AEIC>. ML 2.6 (AEIC).
03	10	41	56.6?	23.80	S	179.41	E	600	G	4.0	0.8	7	SOUTH OF FIJI ISLANDS
03	10	45	50.9*	51.589	N	16.156	E	5	G		0.9	7	POLAND. ML 2.8 (MOX), 2.5 (CLL).
03	11	20	58.8&	59.995	N	141.056	W	3				22	SOUTHEASTERN ALASKA. <AEIC>. ML 2.8 (AEIC).
03	12	15	40.9?	19.56	S	176.04	W	100	G	4.3	0.7	9	FIJI ISLANDS REGION
03	12	16	06.7*	41.236	N	24.137	E	10	G		1.1	6	GREECE-BULGARIA BORDER REGION
03	12	56	56.9	18.351	S	172.275	W	33	D	6.0 6.0	0.9	375	TONGA ISLANDS REGION. Mw 6.2 (HRV), 6.1 (GS). Me 6.3 (GS). Ms 6.1 (BRK). Broadband Source Parameters (GS): Dep 30; NP1: Strike=170, Dip=70, Slip=40; NP2: Strike=64, Dip=53, Slip=155; Radiated energy 6.0*10**13 Nm. Moment Tensor (GS): Dep 16; Principal axes (scale 10**18 Nm): (T) Val=1.63, Plg=33, Azm=34; (N) Val=0.21, Plg=57, Azm=206; (P) Val=-1.85, Plg=4, Azm=301; Best double couple: Mo=1.7*10**18 Nm; NP1: Strike=73, Dip=65, Slip=158; NP2: Strike=172, Dip=70, Slip=27. Centroid, Moment Tensor (HRV): Centroid origin time 12:56:56.2; Lat 18.66 S; Lon 171.89 W; Dep 33.0 Fix; Half-duration 2.8 sec; Principal axes (scale 10**18 Nm): (T) Val=1.98, Plg=56, Azm=88; (N) Val=-0.09, Plg=9, Azm=191; (P) Val=-1.89, Plg=33, Azm=286; Best double couple: Mo=1.9*10**18 Nm; NP1: Strike=47, Dip=14, Slip=127; NP2: Strike=189, Dip=79, Slip=81. Scalar Moment (PPT): Mo=4.6*10**18 Nm.
03	13	41	07.5	6.365	S	130.013	E	150	*	4.6	1.3	30	BANDA SEA
03	14	29	51.4	10.666	S	112.158	E	33	N	4.6 4.8	1.3	34	SOUTH OF JAWA, INDONESIA
03	14	56	49.4	44.644	N	10.370	E	10	G		1.2	46	NORTHERN ITALY. ML 3.3 (LDG), 3.1 (VIE).
03	15	11	01.4*	8.043	S	130.329	E	150	G	4.0	1.3	9	TANIMBAR ISLANDS REG., INDONESIA
03	15	49	12.8	37.485	N	139.480	E	139	D	5.0	0.8	205	EASTERN HONSHU, JAPAN. Mw 5.7 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 15:49:15.9; Lat 37.48 N; Lon 139.43 E; Dep 143.6; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=3.37, Plg=41, Azm=143; (N) Val=0.19, Plg=37, Azm=12; (P) Val=-3.56, Plg=27, Azm=260; Best double couple: Mo=3.5*10**17 Nm; NP1: Strike=299, Dip=38, Slip=14; NP2: Strike=198, Dip=82, Slip=127.
03	16	51	51.9	54.783	N	161.828	E	33	N	4.5	0.6	25	NEAR EAST COAST OF KAMCHATKA
03	17	21	23.7&	62.493	N	149.340	W	54				43	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
03	17	53	36.4?	3.15	S	135.82	E	33	N		1.3	5	IRIAN JAYA REGION, INDONESIA
03	18	00	57.6&	36.092	N	117.659	W	3				56	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.8 (PAS). ML 2.9 (GS).
03	18	05	07.1	39.911	N	19.909	E	10	G	4.2	1.2	68	GREECE-ALBANIA BORDER REGION. ML 4.3 (THE), 4.3 (ROM).
03	18	36	03.1&	36.096	N	117.652	W	1				37	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.7 (PAS). ML 2.8 (GS).
03	19	06	08.1?	37.14	N	72.17	E	200	G	3.7	1.2	6	TAJIKISTAN
03	19	24	34.6?	52.88	N	168.09	W	33	N	3.2	1.4	7	FOX ISLANDS, ALEUTIAN ISLANDS
03	19	43	01.5	33.755	N	35.525	E	5	G		0.3	16	JORDAN - SYRIA REGION. ML 4.1 (JER).
03	20	44	14.9*	46.144	N	151.419	E	33	N	4.2	0.7	12	KURIL ISLANDS
03	20	44	18.4&	36.064	N	117.651	W	1				56	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 3.3 (PAS). ML 3.4 (GS).
03	20	47	53.1	9.748	N	125.674	E	123	D	5.1	0.9	80	MINDANAO, PHILIPPINE ISLANDS. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 20:47:59.0; Lat 10.12 N; Lon 125.65 E; Dep 137.6; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.04, Plg=24, Azm=77; (N) Val=0.33, Plg=4, Azm=345; (P) Val=-1.37, Plg=66, Azm=247; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=175, Dip=21, Slip=-80; NP2: Strike=344, Dip=69, Slip=-94.
03	21	09	38.0*	70.633	N	14.234	W	10	G	4.4	1.0	25	JAN MAYEN ISLAND REGION
03	21	22	57.3*	9.789	S	108.268	E	33	N	5.1	1.4	24	SOUTH OF JAWA, INDONESIA
03	23	06	28.5*	50.263	N	18.790	E	5	G		1.0	6	POLAND. MG 2.9 (WAR).
[illegible]	23	22	31.3	34.282	N	139.304	E	33	N	4.0	1.0	21	NEAR S. COAST OF HONSHU, JAPAN
[illegible]	23	45	17.8?	35.94	N	68.79	E	33	N		0.5	5	HINDU KUSH REGION, AFGHANISTAN
[illegible]	00	09	09.3*	26.874	S	26.932	E	5	G	4.0	1.3	10	REPUBLIC OF SOUTH AFRICA
04	01	18	13.7*	10.674	S	112.044	E	33	N	3.5	0.8	8	SOUTH OF JAWA, INDONESIA
04	02	14	20.8	53.416	N	164.025	W	33	N	4.7	0.9	39	UNIMAK ISLAND REGION. ML 4.7 (PMR).
04	02	39	34.8	27.354	N	52.473	E	33	N	4.5	0.9	28	SOUTHERN IRAN
04	02	49	40.5	40.189	N	52.860	E	51	D	4.8	0.8	72	TURKMENISTAN
04	02	52	54.9?	51.75	N	179.81	W	33	N	3.9	0.7	8	ANDREANOF ISLANDS, ALEUTIAN IS.

04	03	31	25.6&	37.058	N	5.366	W	10	G		0.9	10	SPAIN. mbLg 2.6 (MDD).
04	03	35	17.9&	37.023	N	5.405	W	10	G		0.5	6	SPAIN. mbLg 2.3 (MDD).
04	03	59	35.7&	42.820	N	6.929	W	10	G		0.8	5	SPAIN. mbLg 3.0 (MDD).
04	04	08	10.9*	35.379	N	78.359	E	33	N	3.9 3.8	1.1	16	EASTERN KASHMIR
04	04	50	37.0&	60.156	N	152.894	W	109				38	SOUTHERN ALASKA. <AEIC>.
04	05	32	35.7*	58.677	N	68.138	E	33	N	3.9	1.2	7	SOUTHWESTERN SIBERIA, RUSSIA
04	06	06	44.3	36.609	N	68.601	E	33	N	5.0 4.3	1.1	89	HINDU KUSH REGION, AFGHANISTAN
04	06	44	09.9*	5.676	S	141.643	E	33	N	4.1	0.6	5	NEW GUINEA, PAPUA NEW GUINEA
04	07	01	50.2&	31.676	N	132.239	E	33	N		0.2	5	SOUTHEAST OF SHIKOKU, JAPAN
04	07	39	27.0*	36.686	N	68.572	E	33	N	4.0	0.9	13	HINDU KUSH REGION, AFGHANISTAN
04	08	10	16.1*	6.832	S	105.483	E	38	D	4.7	1.2	27	SUNDA STRAIT
04	09	11	47.8&	60.229	N	153.330	W	144		2.7		112	SOUTHERN ALASKA. <AEIC>.
04	09	30	48.3&	42.449	N	133.579	E	400	G		0.8	8	NEAR SOUTHEAST COAST OF RUSSIA
04	11	25	28.3*	6.981	S	156.033	E	33	N	4.4	1.0	25	SOLOMON ISLANDS
04	11	29	15.5*	10.659	S	164.277	E	33	N	4.3	1.1	18	SANTA CRUZ ISLANDS REGION
04	11	54	45.4*	58.078	S	25.762	W	50	G		0.8	11	SOUTH SANDWICH ISLANDS REGION
04	13	08	14.5*	36.439	N	70.925	E	200	G	3.1	0.9	12	HINDU KUSH REGION, AFGHANISTAN
04	14	24	45.7?	17.56	S	178.77	W	600	G	4.0	0.4	10	FIJI ISLANDS REGION
04	16	02	51.6	4.252	N	76.656	W	111		4.5	1.0	32	COLOMBIA. Felt at Cali.
04	16	44	59.6&	36.734	N	3.644	W	10	G		0.4	7	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
04	16	56	45.0?	25.22	N	142.09	E	33	N	4.4	0.8	7	VOLCANO ISLANDS REGION
04	17	00	10.9*	32.976	N	138.106	E	327			0.5	12	SOUTH OF HONSHU, JAPAN
04	17	06	28.5	29.058	N	130.320	E	58	*	4.1	1.3	22	RYUKYU ISLANDS
04	18	06	34.8*	55.795	S	26.204	W	33	N		1.2	17	SOUTH SANDWICH ISLANDS REGION
04	18	25	43.9	33.914	N	141.824	E	10	G	3.8	0.9	15	OFF EAST COAST OF HONSHU, JAPAN
04	18	34	11.6?	7.93	S	147.60	E	33	N	3.9	1.1	5	EASTERN NEW GUINEA REG., P.N.G.
04	19	28	11.0*	19.037	N	69.263	W	109	*	4.2	1.4	27	DOMINICAN REPUBLIC REGION. Felt.
04	20	20	48.4*	44.863	N	10.827	E	10	G		1.1	15	NORTHERN ITALY. ML 2.7 (LDG).
04	21	21	15.2&	38.793	N	122.760	W	2				92	NORTHERN CALIFORNIA. <GM-P>. Mw 4.4 (BRK). MD 4.1 (GM). ML 4.1 (BRK), 4.0 (GS). Felt in the epicentral area. Scalar Moment (BRK): Mo=5.2*10**15 Nm.
04	21	38	57.8?	43.06	N	0.50	W	10	G		0.1	4	PYRENEES. ML 2.1 (LDG).
04	21	42	48.8*	2.833	N	125.552	E	200	G	4.2	0.8	12	TALAUD ISLANDS, INDONESIA
04	22	36	40.7?	6.03	S	153.31	E	33	N	4.4	1.2	10	NEW BRITAIN REGION, P.N.G.
04	23	01	03.4	43.923	N	139.585	E	214	*	4.1	0.6	23	EASTERN SEA OF JAPAN
04	23	54	33.4*	42.576	S	82.801	W	10	G	4.2	1.0	12	WEST CHILE RISE
05	00	02	19.5	15.598	S	167.340	E	33	N	5.1 5.2	1.0	105	VANUATU ISLANDS. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:02:23.3; Lat 15.66 S; Lon 166.96 E; Dep 31.9; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.73, Plg=84, Azm=54; (N) Val=0.02, Plg=2, Azm=164; (P) Val=-1.75, Plg=6, Azm=255; Best double couple: Mo=1.7*10**17 Nm; NP1: Strike=347, Dip=39, Slip=93; NP2: Strike=153, Dip=51, Slip=87.
05	00	11	59.3?	8.07	S	156.54	E	33	N	4.4	0.6	5	SOLOMON ISLANDS
05	00	12	36.6?	5.57	N	81.86	W	33	N	3.9	1.5	8	SOUTH OF PANAMA
05	00	25	05.9	44.070	N	150.369	E	33	N	5.1 4.7	0.9	131	EAST OF KURIL ISLANDS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:25:06.9; Lat 44.38 N; Lon 150.87 E; Dep 25.0; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.30, Plg=2, Azm=297; (N) Val=1.13, Plg=7, Azm=206; (P) Val=-7.43, Plg=83, Azm=47; Best double couple: Mo=6.9*10**16 Nm; NP1: Strike=33, Dip=43, Slip=-80; NP2: Strike=200, Dip=48, Slip=-99.
05	00	29	11.4*	44.208	N	150.357	E	33	N	3.7	0.9	15	EAST OF KURIL ISLANDS
05	00	30	58.5&	37.631	N	3.988	W	10	G		1.0	10	SPAIN. mbLg 2.8 (MDD).
05	00	41	10.6	43.009	N	0.147	E	5	G		1.1	6	FRANCE. ML 2.7 (LDG). mbLg 2.6 (MDD).
05	00	51	20.4*	35.331	N	78.540	E	33	N	4.4	1.3	25	EASTERN KASHMIR
05	01	12	56.4?	2.25	N	127.06	E	90	?	4.5	1.1	10	NORTHERN MOLUCCA SEA
05	01	40	41.4?	25.15	N	96.20	E	150	?	3.6	1.4	9	MYANMAR
05	02	08	18.5?	3.52	S	127.02	E	33	N	4.1	0.6	6	SERAM, INDONESIA
05	03	30	11.1&	61.221	N	146.783	W	16				53	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
05	03	51	07.9	14.542	N	92.202	W	91		5.1 5.3	0.9	224	NEAR COAST OF CHIAPAS, MEXICO. Mw 5.8 (HRV). Felt (II) at San Salvador, El Salvador. Centroid, Moment Tensor (HRV): Centroid origin time 03:51:06.8; Lat 14.48 N; Lon 92.74 W; Dep 45.9; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=4.85, Plg=75, Azm=47; (N) Val=0.61, Plg=5, Azm=297; (P) Val=-5.45, Plg=14, Azm=206; Best double couple: Mo=5.2*10**17 Nm; NP1: Strike=289, Dip=31, Slip=80; NP2: Strike=120, Dip=59, Slip=96. Scalar Moment (PPT): Mo=3.5*10**17 Nm.
05	04	16	07.3*	49.467	N	155.533	E	33	N	4.4	1.1	27	KURIL ISLANDS
05	05	59	13.7	27.862	S	66.829	W	152	*	3.8	0.8	21	CATAMARCA PROVINCE, ARGENTINA
05	06	56	20.8?	18.14	S	172.78	W	33	N	4.5	0.8	18	TONGA ISLANDS REGION
05	07	40	27.7	38.444	N	21.761	E	33	N		1.1	22	GREECE. ML 3.6 (ROM).
05	08	13	56.1	10.160	N	126.473	E	33	N	4.8 4.2	1.1	37	PHILIPPINE ISLANDS REGION
05	09	36	05.0&	36.087	N	117.663	W	1				10	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.7 (PAS).
05	10	06	03.1*	10.621	S	115.606	E	56	*	4.0	1.5	15	SOUTH OF BALI, INDONESIA
05	10	22	44.6*	14.422	S	167.085	E	200	G	4.6	0.8	30	VANUATU ISLANDS
05	10	38	53.0	16.255	N	120.515	E	33	N	5.3 4.7	1.0	115	LUZON, PHILIPPINE ISLANDS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 10:38:53.7; Lat 16.38 N; Lon 120.55 E; Dep 30.5; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=9.27, Plg=16, Azm=2; (N) Val=-2.95, Plg=19, Azm=97; (P) Val=-6.32, Plg=65, Azm=234; Best double couple: Mo=7.8*10**16 Nm; NP1: Strike=66, Dip=34, Slip=-126; NP2: Strike=287, Dip=63, Slip=-69.
05	13	12	16.3*	9.392	N	126.407	E	33	N	4.6	1.1	24	MINDANAO, PHILIPPINE ISLANDS
05	13	19	38.7?	30.20	S	179.15	W	250	G	4.0	0.9	14	KERMADEC ISLANDS REGION
05	13	23	57.6*	34.706	N	32.352	E	33	N	3.6	0.9	12	CYPRUS REGION
05	13	33	34.0*	36.597	N	141.094	E	56	*	4.3	1.0	18	NEAR EAST COAST OF HONSHU, JAPAN
05	14	13	13.6*	5.760	S	131.113	E	85	?	3.8	1.1	8	BANDA SEA

05	14	34	33.3*	44.454	N	149.665	E	33	N	4.3		1.1	14	KURIL ISLANDS
05	14	52	07.8?	52.30	N	31.20	W	10	G	3.6		0.9	6	NORTHERN MID-ATLANTIC RIDGE
05	14	59	48.1	4.916	N	78.517	W	10	G	4.8		1.0	46	SOUTH OF PANAMA
05	15	38	56.9&	60.549	N	152.060	W	100		3.2			99	SOUTHERN ALASKA. <AEIC>.
05	15	46	11.1*	18.942	S	169.378	E	300	G	4.1		1.0	26	VANUATU ISLANDS
05	17	06	35.5&	36.278	N	120.466	W	9					51	CENTRAL CALIFORNIA. <GM-P>. MD 3.4 (GM), 3.3 (PAS). ML 3.5 (GS), 3.4 (BRK).
05	17	24	53.3*	65.708	S	175.784	W	10	G	4.8		1.2	31	PACIFIC-ANTARCTIC RIDGE
05	17	29	07.4*	65.598	S	176.005	W	10	G	4.7		1.4	10	PACIFIC-ANTARCTIC RIDGE
05	17	43	35.8?	6.69	S	129.97	E	147	?	4.2		0.7	9	BANDA SEA
05	18	40	06.3*	19.090	N	120.075	E	33	N	4.2		0.7	14	PHILIPPINE ISLANDS REGION
05	18	53	04.9&	37.847	N	3.512	W	10	G			0.9	9	SPAIN. mbLg 2.7 (MDD).
05	18	58	35.9*	17.271	S	179.249	W	550	G	4.6		0.4	17	FIJI ISLANDS REGION
05	19	31	10.6*	32.135	S	68.359	W	145	*	3.7		1.2	20	MENDOZA PROVINCE, ARGENTINA
05	19	44	08.8*	13.715	N	90.400	W	87	*	4.2		1.2	30	NEAR COAST OF GUATEMALA. MD 4.3 (SSS). Felt (II) at San Salvador, El Salvador.
05	20	09	30.2*	16.572	S	173.805	W	33	N	4.7		0.4	13	TONGA ISLANDS
05	20	15	48.2*	33.837	N	137.894	E	89	*	4.3		1.2	15	NEAR S. COAST OF HONSHU, JAPAN
05	20	29	43.0	11.601	N	92.742	E	33	N	4.6		0.8	37	ANDAMAN ISLANDS, INDIA
05	21	21	09.8&	60.154	N	152.353	W	88					98	SOUTHERN ALASKA. <AEIC>.
05	21	28	36.9*	10.692	S	112.079	E	33	N	3.5		1.1	10	SOUTH OF JAWA, INDONESIA
05	21	41	56.7?	5.84	S	153.54	E	33	N	3.9		1.2	6	NEW IRELAND REGION, P.N.G.
05	21	45	38.0?	48.61	N	155.86	E	33	N	3.4		1.2	7	KURIL ISLANDS
05	21	55	42.6&	46.743	N	6.864	E	5	G			0.9	6	SWITZERLAND. ML 2.1 (LDG).
05	22	28	38.6*	10.683	S	111.962	E	33	N			1.1	7	SOUTH OF JAWA, INDONESIA
05	22	47	42.7?	55.58	S	128.01	W	10	G			1.0	7	PACIFIC-ANTARCTIC RIDGE
05	22	53	10.9&	48.110	N	1.032	W	10	G			0.3	6	FRANCE. ML 1.8 (LDG).
05	23	03	08.7*	19.325	N	66.038	W	33	N			1.2	8	PUERTO RICO REGION. MD 3.5 (MPR).
05	23	10	40.2&	36.058	N	117.647	W	1					8	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.7 (PAS).
05	23	15	37.0?	9.83	S	159.13	E	33	N	3.6		1.0	6	SOLOMON ISLANDS
05	23	27	39.5?	11.85	S	73.54	W	33	N	3.3		0.6	6	CENTRAL PERU
05	23	29	07.0	0.274	S	125.201	E	33	N	5.3	5.1	1.2	60	SOUTHERN MOLUCCA SEA. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:29:13.8; Lat 0.31 S; Lon 125.50 E; Dep 42.4; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.97, Plg=73, Azm=319; (N) Val=0.22, Plg=1, Azm=53; (P) Val=-2.19, Plg=17, Azm=143; Best double couple: Mo=2.1*10**17 Nm; NP1: Strike=234, Dip=28, Slip=92; NP2: Strike=52, Dip=62, Slip=89.
06	00	36	48.9&	36.077	N	117.643	W	1					36	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.9 (PAS). ML 3.0 (GS).
06	00	48	27.0	33.915	N	141.535	E	33	N	4.7	4.3	1.1	39	OFF EAST COAST OF HONSHU, JAPAN
06	00	52	21.0*	51.367	N	15.763	E	5	G			1.9	6	POLAND. ML 2.1 (MOX).
06	01	03	32.6*	54.989	S	28.614	W	33	N	4.7		0.9	13	SOUTH SANDWICH ISLANDS REGION
06	01	24	43.9*	33.702	N	141.398	E	33	N	4.3		1.2	14	OFF EAST COAST OF HONSHU, JAPAN
06	01	39	40.3?	0.42	S	125.07	E	33	N	4.5		1.5	13	SOUTHERN MOLUCCA SEA
06	01	40	03.6*	54.968	S	25.796	W	33	N	4.8		0.7	8	SOUTH SANDWICH ISLANDS REGION
06	02	51	54.8?	14.51	S	172.59	E	500	G	4.1		0.8	18	VANUATU ISLANDS REGION
06	03	30	30.7	33.982	N	141.492	E	33	N	5.0	5.4	1.3	109	OFF EAST COAST OF HONSHU, JAPAN. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 03:30:33.2; Lat 33.88 N; Lon 141.79 E; Dep 15.0 Bdy; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.34, Plg=72, Azm=273; (N) Val=0.42, Plg=1, Azm=181; (P) Val=-1.76, Plg=18, Azm=91; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=180, Dip=27, Slip=89; NP2: Strike=1, Dip=63, Slip=91.
06	03	52	58.6?	43.85	N	147.12	E	67	?	4.5		0.9	15	KURIL ISLANDS
06	04	01	39.1*	23.449	S	128.856	E	10	G			0.9	7	WESTERN AUSTRALIA
06	04	53	44.9*	0.405	S	124.137	E	33	N	4.6		1.2	15	SOUTHERN MOLUCCA SEA
06	05	25	18.9&	24.058	N	122.226	E	33	N			0.4	8	TAIWAN REGION
06	05	53	18.5?	13.55	N	90.57	W	78	?	3.5		0.4	12	NEAR COAST OF GUATEMALA. MD 3.7 (SSS). Felt (II) at San Salvador, El Salvador.
06	05	57	08.1*	25.191	S	179.658	E	500	G	4.6		1.1	26	SOUTH OF FIJI ISLANDS
06	05	57	20.2*	28.109	N	54.022	E	33	N	4.4		1.2	12	SOUTHERN IRAN
06	06	53	22.4*	10.766	S	112.093	E	33	N	4.1		1.6	10	SOUTH OF JAWA, INDONESIA
06	07	21	50.3?	10.61	S	112.12	E	33	N			1.3	5	SOUTH OF JAWA, INDONESIA
06	07	51	42.3*	20.198	S	68.852	W	130	*	4.3		0.9	12	CHILE-BOLIVIA BORDER REGION
06	08	41	19.3	44.141	N	148.326	E	33	N	4.7		1.0	47	KURIL ISLANDS
06	09	25	26.4*	51.080	N	178.703	E	33	N	3.6		0.9	8	RAT ISLANDS, ALEUTIAN ISLANDS
06	10	09	02.3	59.235	S	24.728	W	33	N	4.9	4.8	0.8	31	SOUTH SANDWICH ISLANDS REGION
06	11	29	58.7*	9.555	S	108.509	E	33	N			0.8	5	SOUTH OF JAWA, INDONESIA
06	12	42	25.9*	4.894	N	118.605	E	33	N	4.4		1.0	19	BORNEO
06	13	11	26.3&	33.792	N	131.108	E	10	G			0.2	5	KYUSHU, JAPAN
06	13	16	04.9	40.324	N	78.174	E	33	N	4.4	4.0	0.9	29	SOUTHERN XINJIANG, CHINA
06	13	53	14.4&	39.706	N	110.658	W	3					7	UTAH. <SLC-P>. ML 3.4 (SLC), 3.1 (GS).
06	14	08	34.8*	2.144	S	102.099	E	150	G	4.3		0.9	18	SOUTHERN SUMATERA, INDONESIA
06	15	15	46.3?	20.27	S	69.99	W	93	?			1.3	12	NORTHERN CHILE
06	17	30	55.0?	6.25	S	144.74	E	33	N	4.0		1.3	6	NEW GUINEA, PAPUA NEW GUINEA
06	17	42	42.6	51.700	N	16.135	E	5	G			0.7	17	POLAND. ML 3.8 (GRF), 3.7 (VIE), 3.2 (MOX).
06	18	25	46.3	31.155	N	131.358	E	58		4.0		1.1	28	KYUSHU, JAPAN
06	18	30	38.2&	36.076	N	117.650	W	2					52	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 3.5 (PAS). ML 3.5 (GS).
06	19	24	59.3&	63.212	N	150.562	W	126					46	CENTRAL ALASKA. <AEIC>.
06	20	19	11.2?	17.82	S	178.48	W	600	G	3.7		0.7	6	FIJI ISLANDS REGION
06	20	32	40.0?	7.43	S	120.43	E	200	G	4.0		1.0	7	FLORES SEA
06	20	48	13.3?	15.27	S	167.71	E	100	G	4.1		1.3	23	VANUATU ISLANDS
06	21	44	50.8*	51.672	N	175.233	W	33	N	3.9		0.9	18	ANDREANOF ISLANDS, ALEUTIAN IS.
06	21	53	40.6&	18.143	N	94.883	E	72	D			0.2	8	MYANMAR
06	22	13	28.0?	3.81	N	128.33	E	33	N	3.8		0.8	5	NORTH OF HALMAHERA, INDONESIA
06	22	34	55.6?	51.89	N	172.15	W	33	N	3.6		1.1	6	ANDREANOF ISLANDS, ALEUTIAN IS.
06	22	50	31.1*	4.341	S	80.685	W	49	D	4.2		1.1	18	PERU-ECUADOR BORDER REGION
06	22	58	46.5*	47.652	N	15.777	E	10	G			0.1	6	AUSTRIA. ML 2.5 (VIE), 2.3 (BRA). Felt (IV) at Murzzuschlag.
06	23	06	26.8	33.281	N	140.559	E	61		5.2		0.9	111	SOUTH OF HONSHU, JAPAN

06	23	21	19.1*	27.837	N	140.766	E	33	N	4.9		0.8	14	BONIN ISLANDS REGION
06	23	56	42.8*	16.767	S	177.555	W	33	N	4.8	5.4	1.3	57	FIJI ISLANDS REGION. Mw 5.7 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:56:42.7; Lat 17.04 S; Lon 176.66 W; Dep 15.0 Fix; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=3.62, Plg=12, Azm=284; (N) Val=-0.25, Plg=72, Azm=54; (P) Val=-3.38, Plg=13, Azm=191; Best double couple: Mo=3.5*10**17 Nm; NP1: Strike=328, Dip=72, Slip=-179; NP2: Strike=238, Dip=89, Slip=-18.
07	01	22	51.2?	16.42	S	177.62	W	33	N	4.8	5.0	1.0	14	FIJI ISLANDS REGION. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:22:52.6; Lat 17.07 S; Lon 176.97 W; Dep 19.9; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.36, Plg=3, Azm=95; (N) Val=-0.04, Plg=87, Azm=314; (P) Val=-1.32, Plg=2, Azm=185; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=230, Dip=87, Slip=0; NP2: Strike=140, Dip=90, Slip=177.
07	01	42	38.3*	35.403	N	77.895	E	33	N	4.1		0.7	14	EASTERN KASHMIR
07	01	57	58.0?	51.63	N	7.34	E	10	G			0.7	4	GERMANY. ML 2.4 (DBN), 2.2 (UCC).
07	02	14	24.0?	25.98	S	179.84	E	500	G	4.5		0.8	14	SOUTH OF FIJI ISLANDS
07	02	23	46.2*	4.493	S	68.775	E	10	G	4.5		0.9	14	CHAGOS ARCHIPELAGO REGION
07	02	59	21.4	2.274	S	139.163	E	33	N	5.0		1.1	38	NEAR NORTH COAST OF IRIAN JAYA
07	03	25	15.6?	19.88	S	175.28	E	33	N	4.4		0.8	9	SOUTH OF FIJI ISLANDS
07	04	30	20.8%	43.079	N	0.520	W	5	G			0.5	6	PYRENEES. ML 2.5 (LDG). mbLg 2.4 (MDD).
07	04	53	52.5?	44.96	N	6.47	E	5	G			0.2	5	FRANCE. ML 1.8 (GEN).
07	05	23	20.1*	35.367	N	77.652	E	33	N	3.5		1.1	7	EASTERN KASHMIR
07	05	34	28.9	46.919	N	8.371	E	5	G			0.9	32	SWITZERLAND. ML 2.9 (LDG), 2.8 (VIE).
07	06	24	15.1?	21.19	S	68.50	W	150	G			1.0	6	CHILE-BOLIVIA BORDER REGION
07	06	25	24.9?	17.12	S	66.82	E	10	G			0.9	7	MAURITIUS-REUNION REGION
07	06	42	02.6?	8.40	S	121.89	E	150	G	4.2		0.2	6	FLORES REGION, INDONESIA
07	07	06	24.1&	59.899	N	140.512	W	0					14	SOUTHEASTERN ALASKA. <AEIC>. ML 2.6 (AEIC).
07	07	41	33.9*	15.535	S	75.711	W	33	N	3.6		0.8	7	NEAR COAST OF PERU
07	10	04	43.8*	5.749	S	146.563	E	33	N	4.0		1.0	12	EASTERN NEW GUINEA REG., P.N.G.
07	11	33	11.5?	22.06	N	142.96	E	33	N	3.5		0.4	5	VOLCANO ISLANDS REGION
07	12	03	14.0*	35.500	S	71.188	W	100	G	4.3		0.8	17	CENTRAL CHILE
07	12	10	17.7%	51.571	N	172.745	W	33	N			0.6	8	ANDREANOF ISLANDS, ALEUTIAN IS.
07	12	39	54.4?	35.25	S	71.29	W	100	G			0.3	10	CENTRAL CHILE. MD 3.4 (SAN).
07	13	40	06.4%	31.682	N	132.234	E	33	N			0.2	5	SOUTHEAST OF SHIKOKU, JAPAN
07	13	51	57.4%	31.655	N	132.271	E	33	N			0.2	5	SOUTHEAST OF SHIKOKU, JAPAN
07	14	28	15.3?	17.22	S	179.04	W	600	G	4.1		0.6	11	FIJI ISLANDS REGION
07	14	28	22.9%	31.662	N	132.260	E	33	N			0.5	5	SOUTHEAST OF SHIKOKU, JAPAN
07	15	13	53.5*	18.673	N	145.689	E	200	G	4.0		0.7	15	MARIANA ISLANDS
07	15	44	20.0?	27.80	N	128.28	E	33	N			0.3	4	RYUKYU ISLANDS
07	15	50	55.4*	10.631	S	112.117	E	33	N	3.8		0.6	6	SOUTH OF JAWA, INDONESIA
07	15	53	50.7?	36.73	N	72.44	E	100	G			1.5	8	AFGHANISTAN-TAJIKISTAN BORD REG.
07	16	58	37.9*	12.187	N	43.011	E	10	G	3.6		0.8	11	WESTERN ARABIAN PENINSULA
07	17	53	38.1?	47.53	N	3.02	W	10	G			0.5	5	FRANCE. ML 2.0 (LDG).
07	19	17	55.4	50.525	N	18.841	E	10	G			1.2	10	POLAND. MG 3.1 (WAR).
07	20	32	24.9	45.803	N	151.521	E	33	N	5.1		0.9	153	KURIL ISLANDS
07	20	36	19.1	51.587	N	173.378	W	33	N	4.9	4.7	0.7	117	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.0 (PMR).
07	20	43	39.6	51.663	N	173.427	W	33	N	4.4		0.8	33	ANDREANOF ISLANDS, ALEUTIAN IS.
07	21	03	53.2%	27.875	N	130.081	E	33	N			0.5	6	RYUKYU ISLANDS
07	21	35	18.8*	43.858	N	147.255	E	100	G	3.6		0.8	11	KURIL ISLANDS
07	21	56	27.3*	5.674	N	124.044	E	550	G	4.5		0.9	19	MINDANAO, PHILIPPINE ISLANDS
07	22	23	31.2*	14.655	N	93.945	W	33	N	4.7	4.2	1.1	59	NEAR COAST OF CHIAPAS, MEXICO
07	22	46	35.8	7.384	S	146.108	E	190		4.9		1.0	30	EASTERN NEW GUINEA REG., P.N.G.
07	23	00	39.9	5.298	S	145.842	E	57		4.6		1.1	43	EASTERN NEW GUINEA REG., P.N.G.
07	23	15	12.2	2.524	S	101.657	E	100	G	4.6		0.9	38	SOUTHERN SUMATERA, INDONESIA
08	00	29	24.0	13.200	N	89.671	W	10	G			0.4	11	EL SALVADOR. MD 3.3 (SSS). Felt (II) at San Salvador.
08	01	43	38.3*	21.809	N	144.516	E	100	G	3.8		0.8	10	MARIANA ISLANDS REGION
08	02	11	54.9?	30.39	S	178.73	W	132	D			1.4	8	KERMADEC ISLANDS, NEW ZEALAND
08	02	16	17.0	6.091	S	150.133	E	73	*	4.7		1.0	30	NEW BRITAIN REGION, P.N.G.
08	02	43	17.6?	31.85	S	70.07	W	140	G			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
08	03	43	00.5?	33.54	S	72.04	W	33	N			0.5	10	OFF COAST OF CENTRAL CHILE. MD 3.4 (SAN).
08	03	48	05.8	44.209	N	129.369	W	10	G	4.9	5.0	1.0	167	OFF COAST OF OREGON. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 03:48:06.8; Lat 43.63 N; Lon 129.46 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.63, Plg=0, Azm=250; (N) Val=1.25, Plg=90, Azm=180; (P) Val=-6.89, Plg=0, Azm=160; Best double couple: Mo=6.3*10**16 Nm; NP1: Strike=295, Dip=90, Slip=-180; NP2: Strike=25, Dip=90, Slip=0.
08	04	08	50.5?	20.26	S	174.52	W	33	N	4.5	4.9	0.9	13	TONGA ISLANDS
08	04	28	44.4	35.973	N	22.332	E	33	N	3.9		0.8	25	CENTRAL MEDITERRANEAN SEA
08	05	04	25.5?	0.28	N	123.85	E	100	G	4.3		0.3	7	MINAHASSA PENINSULA, SULAWESI
08	05	42	19.0	44.149	N	129.268	W	10	G	4.7		0.9	101	OFF COAST OF OREGON
08	06	01	30.2%	32.646	S	70.787	W	90	G			0.3	8	CHILE-ARGENTINA BORDER REGION
08	06	05	24.9	56.740	N	151.777	W	33	N	5.2	5.3	1.0	279	KODIAK ISLAND REGION. Mw 5.5 (HRV). ML 5.1 (PMR). Centroid, Moment Tensor (HRV): Centroid origin time 06:05:26.9; Lat 56.14 N; Lon 151.54 W; Dep 32.8; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.52, Plg=61, Azm=356; (N) Val=0.84, Plg=10, Azm=247; (P) Val=-2.36, Plg=27, Azm=152; Best double couple: Mo=1.9*10**17 Nm; NP1: Strike=218, Dip=20, Slip=60; NP2: Strike=70, Dip=72, Slip=101.
08	06	21	22.3	51.621	N	16.264	E	5	G			1.1	10	POLAND. ML 2.7 (MOX).
08	06	22	04.8?	14.99	S	178.92	W	400	G	4.4		0.6	11	FIJI ISLANDS REGION
08	06	39	57.0	51.575	N	16.324	E	5	G			0.4	10	POLAND. ML 2.3 (MOX).
08	06	40	31.7*	10.691	S	112.138	E	33	N	3.8		0.8	13	SOUTH OF JAWA, INDONESIA
08	06	44	45.1?	2.82	N	126.16	E	33	N	4.4		0.6	7	NORTHERN MOLUCCA SEA
08	07	00	17.0?	31.47	S	179.85	W	300	G	3.8		0.3	9	KERMADEC ISLANDS REGION
08	07	14	52.9?	33.42	S	72.20	W	15	G			0.4	10	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
08	07	31	26.5	10.750	S	112.094	E	33	N	3.8		0.9	6	SOUTH OF JAWA, INDONESIA

08	08	04	07.7*	22.079	N	143.113	E	259	*	3.9		0.7	20	VOLCANO ISLANDS REGION
08	08	14	16.1?	31.79	S	70.17	W	150	G			0.6	10	CHILE-ARGENTINA BORDER REGION. MD 2.7 (SAN).
08	08	19	47.6?	13.90	N	145.42	E	117	*	3.1		1.5	8	MARIANA ISLANDS
08	09	15	54.0*	16.228	S	73.590	W	55	D	4.2		0.9	13	NEAR COAST OF PERU
08	10	29	50.9?	4.34	S	145.80	E	33	N	3.0		0.9	6	NEAR N COAST OF NEW GUINEA, PNG.
08	12	16	08.4	10.685	S	112.138	E	33	N	4.1		0.6	14	SOUTH OF JAWA, INDONESIA
08	13	30	47.0*	9.885	S	119.176	E	33	N	3.5		1.3	10	SUMBA REGION, INDONESIA
08	14	34	45.3*	42.830	N	12.356	E	10	G			0.8	15	CENTRAL ITALY. ML 3.2 (LDG).
08	15	54	47.0?	43.81	N	147.07	E	33	N	3.9		1.0	8	KURIL ISLANDS
08	15	56	09.9?	10.73	S	112.01	E	33	N	4.2		1.1	5	SOUTH OF JAWA, INDONESIA
08	16	07	24.6&	59.475	N	152.795	W	83		3.1			104	SOUTHERN ALASKA. <AEIC>.
08	16	09	54.5?	7.12	S	130.78	E	100	G	3.8		1.5	6	TANIMBAR ISLANDS REG., INDONESIA
08	16	33	05.3*	35.354	N	78.290	E	33	N	3.6		0.9	15	EASTERN KASHMIR
08	16	42	02.0	38.690	N	119.495	W	5	G			0.9	39	CALIFORNIA-NEVADA BORDER REGION. ML 3.0 (GS). MD 2.9 (GM).
08	16	42	51.8	38.663	N	119.472	W	5	G	3.2		1.0	73	CALIFORNIA-NEVADA BORDER REGION. ML 3.6 (GS), 3.9 (BRK). MD 3.4 (GM).
08	17	13	18.3*	20.065	S	177.830	W	600	G	4.6		0.9	38	FIJI ISLANDS REGION
08	18	18	05.7&	31.698	N	50.965	E	33	N			0.7	8	NORTHERN IRAN
08	18	21	42.3?	53.72	N	163.28	W	33	N	3.2		1.4	8	UNIMAK ISLAND REGION
08	18	41	21.0?	28.19	S	73.57	E	10	G	4.5		1.0	6	MID-INDIAN RIDGE
08	19	04	08.6*	38.595	N	119.594	W	5	G			0.4	5	CALIFORNIA-NEVADA BORDER REGION. MD 2.9 (GM).
08	19	15	02.1?	27.76	S	73.92	E	10	G	4.3		0.9	7	MID-INDIAN RIDGE
08	19	17	29.5*	27.873	S	73.955	E	10	G	4.8		0.9	20	MID-INDIAN RIDGE
08	19	17	54.3	27.849	S	74.078	E	10	G	5.3	5.2	1.1	48	MID-INDIAN RIDGE. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 19:17:57.4; Lat 27.79 S; Lon 74.29 E; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.49, Plg=10, Azm=234; (N) Val=-0.12, Plg=11, Azm=326; (P) Val=-1.37, Plg=75, Azm=103; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=310, Dip=36, Slip=-110; NP2: Strike=154, Dip=56, Slip=-76.
08	19	18	44.3	23.146	N	142.803	E	100	G	4.4		1.4	21	VOLCANO ISLANDS REGION
08	19	21	11.8?	28.74	S	71.82	E	10	G			0.9	5	SOUTH INDIAN OCEAN
08	19	30	41.8	27.880	S	74.153	E	10	G	5.1		0.8	30	MID-INDIAN RIDGE
08	19	41	23.2&	35.323	N	78.379	E	33	N			0.5	8	EASTERN KASHMIR
08	19	42	13.2*	1.068	N	28.076	W	10	G	4.0		1.0	8	CENTRAL MID-ATLANTIC RIDGE
08	19	45	23.8?	2.46	S	140.09	E	33	N	3.8		1.2	8	NEAR NORTH COAST OF IRIAN JAYA
08	20	04	51.1&	46.400	N	2.799	E	10	G			0.4	9	FRANCE. ML 1.7 (LDG).
08	20	24	35.4*	1.432	N	120.386	E	33	N	4.8	4.5	1.0	16	MINAHASSA PENINSULA, SULAWESI
08	21	38	31.6?	14.92	N	90.67	W	33	N	3.8		1.0	5	GUATEMALA
08	22	04	24.1?	52.99	N	151.65	E	600	G			1.4	5	SEA OF OKHOTSK
08	22	09	09.3?	44.96	N	146.32	E	150	G			0.8	5	KURIL ISLANDS
08	22	53	17.3*	38.656	N	119.546	W	5	G			1.0	5	CALIFORNIA-NEVADA BORDER REGION. MD 2.9 (GM).
08	23	20	00.5?	10.78	S	166.62	E	33	N			0.8	7	SANTA CRUZ ISLANDS
08	23	23	42.7&	59.822	N	153.226	W	111		2.8			95	SOUTHERN ALASKA. <AEIC>.
08	23	33	18.7&	60.286	N	151.048	W	55					51	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
08	23	52	05.8	14.991	N	94.021	W	33	N	5.0	4.8	1.0	87	OFF COAST OF CHIAPAS, MEXICO
09	00	46	24.5*	10.583	S	112.178	E	33	N	4.2		1.1	15	SOUTH OF JAWA, INDONESIA
09	00	53	56.9?	13.19	S	167.33	E	200	G	4.0		0.9	25	VANUATU ISLANDS
09	01	38	27.2?	2.98	S	138.99	E	33	N	4.3		0.9	6	IRIAN JAYA, INDONESIA
09	01	59	49.2?	17.15	S	172.81	W	33	N	4.5		1.0	11	TONGA ISLANDS REGION
09	02	18	30.9*	40.460	N	143.613	E	33	N			0.9	8	OFF EAST COAST OF HONSHU, JAPAN
09	02	33	14.4*	31.829	N	50.658	E	109	?	4.3		0.9	29	NORTHERN IRAN. Felt at Borujen.
09	02	36	57.6?	17.78	S	178.61	W	600	G	4.0		0.6	8	FIJI ISLANDS REGION
09	02	43	56.5?	51.22	N	15.80	E	5	G			0.9	5	POLAND. ML 2.5 (MOX).
09	03	39	21.4&	63.035	N	151.094	W	116					67	CENTRAL ALASKA. <AEIC>.
09	03	54	16.3	7.936	S	107.489	E	51	D	5.5	5.7	1.3	186	JAWA, INDONESIA. Mw 6.1 (HRV); 6.0 (GS). Me 5.4 (GS). Broadband Source Parameters (GS): Dep 28; NP1: Strike=355, Dip=50, Slip=150; NP2: Strike=105, Dip=67, Slip=44; Radiated energy 2.7*10**12 Nm. Moment Tensor (GS): Dep 20; Principal axes (scale 10**18 Nm): (T) Val=1.18, Plg=60, Azm=22; (N) Val=-0.02, Plg=20, Azm=254; (P) Val=-1.15, Plg=22, Azm=156; Best double couple: Mo=1.2*10**18 Nm; NP1: Strike=214, Dip=29, Slip=46; NP2: Strike=82, Dip=70, Slip=111. Centroid, Moment Tensor (HRV): Centroid origin time 03:54:22.9; Lat 8.32 S; Lon 107.44 E; Dep 46.5; Half-duration 2.5 sec; Principal axes (scale 10**18 Nm): (T) Val=1.29, Plg=71, Azm=349; (N) Val=0.19, Plg=8, Azm=103; (P) Val=-1.48, Plg=17, Azm=195; Best double couple: Mo=1.4*10**18 Nm; NP1: Strike=297, Dip=29, Slip=107; NP2: Strike=99, Dip=63, Slip=81.
09	04	21	39.2?	36.66	N	68.65	E	33	N	3.7		1.3	7	HINDU KUSH REGION, AFGHANISTAN
09	04	39	28.5*	17.816	S	178.699	W	600	G	4.5		0.9	19	FIJI ISLANDS REGION
09	04	46	29.8&	63.518	N	150.907	W	12					49	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.1 (PMR).
09	05	42	20.5	14.891	N	94.091	W	33	N	4.8		0.8	60	OFF COAST OF CHIAPAS, MEXICO
09	06	05	55.7	38.708	N	119.482	W	5	G			1.0	43	CALIFORNIA-NEVADA BORDER REGION. ML 3.2 (GS), 3.3 (BRK). MD 3.1 (GM).
09	06	51	36.3*	44.079	N	129.585	W	10	G	2.9		0.5	16	OFF COAST OF OREGON
09	06	56	09.1*	40.955	N	50.617	E	33	N	3.8		0.9	17	CASPIAN SEA
09	07	03	09.4*	14.398	N	91.219	W	88	D	3.4		1.0	14	GUATEMALA
09	07	39	16.6	38.713	N	119.520	W	5	G			1.1	36	CALIFORNIA-NEVADA BORDER REGION. ML 3.0 (GS). MD 3.0 (GM).
09	08	16	17.7	52.475	N	179.324	W	247	D	4.3		1.0	39	ANDREANOF ISLANDS, ALEUTIAN IS.
09	08	46	05.6?	43.70	N	6.77	E	5	G			0.6	7	NEAR SOUTH COAST OF FRANCE
09	09	21	40.4	39.585	N	120.161	W	5	G			0.3	18	NORTHERN CALIFORNIA. ML 2.8 (GS). MD 2.8 (GM).
09	09	59	17.6*	2.991	S	129.396	E	33	N	4.3		0.6	10	SERAM, INDONESIA
09	10	36	19.5	29.923	N	42.754	W	10	G	5.0	4.1	0.6	33	NORTHERN MID-ATLANTIC RIDGE
09	10	57	12.6*	12.215	N	88.264	W	33	N	4.2		0.8	14	OFF COAST OF CENTRAL AMERICA
09	11	01	52.5?	5.79	S	76.09	W	33	N	4.2		1.2	11	NORTHERN PERU
09	11	17	29.5	42.977	N	144.027	E	103	D	3.7		1.2	27	HOKKAIDO, JAPAN REGION
09	11	18	20.3?	29.77	N	42.84	W	10	G	3.4		1.2	6	NORTHERN MID-ATLANTIC RIDGE
09	11	19	56.7?	6.82	S	147.08	E	59	*	3.5		0.8	6	EASTERN NEW GUINEA REG., P.N.G.
09	11	26	27.0*	53.559	N	160.332	E	33	N	4.3		0.9	10	NEAR EAST COAST OF KAMCHATKA

09	11	27	21.5	29.842	N	42.738	W	10	G	4.8	0.9	30	NORTHERN MID-ATLANTIC RIDGE
09	11	28	48.6	29.850	N	42.855	W	10	G	5.9 6.1	1.1	340	NORTHERN MID-ATLANTIC RIDGE. Mw 6.0 (HRV), 5.9 (GS). Me 5.7 (GS). Ms 6.2 (BRK). Broadband Source Parameters (GS): Dep 10; Radiated energy 8.6*10**12 Nm. Moment Tensor (GS): Dep 5; Principal axes (scale 10**17 Nm): (T) Val=9.31, Plg=7, Azm=94; (N) Val=-1.01, Plg=2, Azm=184; (P) Val=-8.30, Plg=83, Azm=287; Best double couple: Mo=8.8*10**17 Nm; NP1: Strike=182, Dip=38, Slip=-93; NP2: Strike=6, Dip=52, Slip=-88. Centroid, Moment Tensor (HRV): Centroid origin time 11:28:55.3; Lat 29.81 N; Lon 42.61 W; Dep 15.0 Fix; Half-duration 2.4 sec; Principal axes (scale 10**18 Nm): (T) Val=1.35, Plg=1, Azm=267; (N) Val=-0.13, Plg=8, Azm=176; (P) Val=-1.21, Plg=82, Azm=4; Best double couple: Mo=1.3*10**18 Nm; NP1: Strike=4, Dip=45, Slip=-79; NP2: Strike=169, Dip=46, Slip=-101.
09	11	53	50.7*	29.929	N	42.760	W	10	G	3.9	0.9	18	NORTHERN MID-ATLANTIC RIDGE
09	12	04	38.7*	30.312	N	42.907	W	10	G	3.6	0.6	10	NORTHERN MID-ATLANTIC RIDGE
09	12	41	41.9?	19.47	S	178.77	W	421	D	3.8	0.6	14	FIJI ISLANDS REGION
09	12	42	02.2?	29.25	N	42.71	W	10	G	3.4	1.4	9	NORTHERN MID-ATLANTIC RIDGE
09	12	42	28.0%	44.407	N	7.413	E	5	G		0.3	5	NORTHERN ITALY. ML 1.9 (GEN).
09	13	06	52.6*	0.320	S	80.649	W	33	N	4.5	1.2	31	NEAR COAST OF ECUADOR
09	13	25	20.3*	1.703	S	77.794	W	145	?	4.4	0.8	44	ECUADOR
09	13	47	32.3*	6.285	S	149.911	E	33	N	4.4	0.9	21	NEW BRITAIN REGION, P.N.G.
09	14	17	13.9*	7.252	S	128.861	E	150	G	4.3	1.1	13	BANDA SEA
09	14	25	00.4	45.406	N	5.204	E	5	G		1.1	47	FRANCE. ML 3.2 (LDG), 3.0 (STR).
09	14	55	54.1*	15.033	N	147.568	E	33	N	4.3	0.5	10	MARIANA ISLANDS REGION
09	15	54	41.3?	9.22	S	110.36	W	10	G	3.4	0.6	6	CENTRAL EAST PACIFIC RISE
09	15	55	03.4*	15.050	N	147.540	E	33	N	4.0	1.0	18	MARIANA ISLANDS REGION
09	17	40	52.7	36.296	N	141.562	E	33	N		0.5	10	NEAR EAST COAST OF HONSHU, JAPAN
09	17	46	12.4	46.840	N	150.777	E	182	D	5.1	0.9	209	KURIL ISLANDS
09	17	55	29.9*	15.071	N	147.620	E	33	N	3.9	0.9	12	MARIANA ISLANDS REGION
09	18	58	10.0*	0.516	N	126.258	E	33	N	4.7	0.8	11	NORTHERN MOLUCCA SEA
09	19	01	39.8*	20.187	S	68.572	W	125	*	4.0	0.7	8	CHILE-BOLIVIA BORDER REGION
09	19	23	05.4	36.223	S	100.330	W	10	G	4.7 4.6	1.0	37	SOUTHERN PACIFIC OCEAN
09	19	47	16.1	9.959	N	126.606	E	33	N	5.0 4.6	1.2	59	MINDANAO, PHILIPPINE ISLANDS. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 19:47:14.7; Lat 9.86 N; Lon 127.03 E; Dep 15.2; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.34, Plg=59, Azm=302; (N) Val=0.06, Plg=15, Azm=184; (P) Val=-1.40, Plg=26, Azm=86; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=145, Dip=24, Slip=49; NP2: Strike=9, Dip=72, Slip=106.
09	21	24	08.3?	15.23	N	147.69	E	33	N		1.2	8	MARIANA ISLANDS REGION
09	23	48	39.1*	20.280	S	178.138	W	600	G	4.6	0.9	20	FIJI ISLANDS REGION
10	01	06	28.7&	36.067	N	117.636	W	1				12	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.8 (PAS).
10	02	15	08.2	25.266	S	179.321	E	600	G	4.7	0.7	40	SOUTH OF FIJI ISLANDS
10	03	13	57.7	43.105	N	0.681	W	10	G		0.6	11	PYRENEES. ML 3.2 (LDG), 2.8 (STR). mbLg 3.1 (MDD). Felt (III) at Arette, France.
10	03	23	43.9*	43.040	N	0.730	W	10	G		0.8	5	PYRENEES. mbLg 2.2 (MDD).
10	04	13	57.6*	49.017	S	121.509	E	10	G	4.7 4.7	1.4	23	SOUTH OF AUSTRALIA
10	04	31	27.6*	3.623	S	134.912	E	33	N	4.5	1.2	12	IRIAN JAYA REGION, INDONESIA
10	05	07	48.9*	42.747	N	0.845	W	10	G		0.3	5	PYRENEES. ML 2.0 (LDG). mbLg 1.9 (MDD). Felt (II) at Arette, France.
10	06	13	00.4?	9.87	N	126.33	E	33	N	4.2	1.3	12	MINDANAO, PHILIPPINE ISLANDS
10	06	31	05.3?	37.22	N	141.86	E	10	G		0.5	6	NEAR EAST COAST OF HONSHU, JAPAN
10	07	02	00.8%	33.636	N	130.712	E	33	N		0.7	5	KYUSHU, JAPAN
10	07	34	36.7?	4.21	S	134.06	E	33	N	3.6	0.8	5	IRIAN JAYA REGION, INDONESIA
10	07	40	30.9*	5.661	S	150.406	E	118	*	4.1	0.8	11	NEW BRITAIN REGION, P.N.G.
10	08	36	18.7	0.870	N	30.039	W	10	G	6.0 6.2	0.9	209	CENTRAL MID-ATLANTIC RIDGE. Mw 6.7 (HRV), 6.6 (GS). Me 7.0 (GS). Ms 6.1 (BRK). Broadband Source Parameters (GS): Dep 6; NP1: Strike=90, Dip=90, Slip=179; NP2: Strike=180, Dip=89, Slip=0; Radiated energy 6.6*10**14 Nm. Two events about 3.5 seconds apart. Depth based on first event. Moment Tensor (GS): Dep 12; Principal axes (scale 10**18 Nm): (T) Val=8.17, Plg=2, Azm=234; (N) Val=0.80, Plg=81, Azm=132; (P) Val=-8.97, Plg=9, Azm=325; Best double couple: Mo=8.6*10**18 Nm; NP1: Strike=9, Dip=82, Slip=-5; NP2: Strike=100, Dip=85, Slip=-172. Centroid, Moment Tensor (HRV): Centroid origin time 08:36:26.4; Lat 0.86 N; Lon 29.65 W; Dep 15.0 Fix; Half-duration 4.9 sec; Principal axes (scale 10**19 Nm): (T) Val=1.09, Plg=11, Azm=222; (N) Val=0.01, Plg=74, Azm=351; (P) Val=-1.10, Plg=12, Azm=129; Best double couple: Mo=1.1*10**19 Nm; NP1: Strike=266, Dip=74, Slip=-179; NP2: Strike=175, Dip=89, Slip=-16. Scalar Moment (PPT): Mo=1.8*10**19 Nm.
10	09	00	58.2&	62.734	N	149.018	W	62				55	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
10	09	23	25.4	0.796	N	29.620	W	10	G	5.2	0.9	90	CENTRAL MID-ATLANTIC RIDGE
10	09	36	55.4*	14.649	S	75.187	W	100	G	3.5	0.8	9	NEAR COAST OF PERU
10	10	32	41.4%	33.607	N	130.689	E	33	N		0.6	5	KYUSHU, JAPAN
10	11	04	54.5?	0.79	N	29.52	W	10	G	4.1	1.0	6	CENTRAL MID-ATLANTIC RIDGE
10	11	50	10.6	46.171	N	7.507	E	5	G		0.6	17	SWITZERLAND. ML 2.5 (GEN).
10	12	08	34.2	25.285	N	94.995	E	105	*	4.7	1.3	16	MYANMAR-INDIA BORDER REGION
10	12	24	41.8*	42.617	N	142.751	E	122	?	3.6	1.0	15	HOKKAIDO, JAPAN REGION
10	12	54	28.7*	34.102	S	150.081	E	10	G		1.2	6	NEAR S.E. COAST OF AUSTRALIA
10	13	25	09.3	36.821	N	27.667	E	33	N	4.2 3.4	1.1	59	DODECANESE ISLANDS
10	14	32	23.9	0.758	N	29.176	W	10	G	4.6 3.9	0.8	24	CENTRAL MID-ATLANTIC RIDGE
10	14	43	09.4&	40.657	N	125.308	W	5				23	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 2.6 (GM). ML 3.4 (BRK).
10	14	56	21.7	38.721	N	119.504	W	5	G		0.6	11	CALIFORNIA-NEVADA BORDER REGION. MD 2.8 (GM).

10	16	03	02.6	12.511	N	88.926	W	33	N	5.2	5.1	1.1	110	OFF COAST OF CENTRAL AMERICA. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 16:03:08.1; Lat 12.22 N; Lon 89.32 W; Dep 15.0 Fix; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=2.68, Plg=63, Azm=52; (N) Val=0.21, Plg=12, Azm=299; (P) Val=-2.89, Plg=24, Azm=203; Best double couple: Mo=2.8*10**17 Nm; NP1: Strike=270, Dip=23, Slip=59; NP2: Strike=123, Dip=70, Slip=102.
10	16	55	48.9*	49.826	N	154.402	E	33	N	3.8		0.7	13	KURIL ISLANDS
10	16	57	39.7	51.824	N	177.562	W	10	G	5.3	4.8	1.0	193	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.4 (HRV). ML 5.2 (PMR). Felt (IV) on Adak. Centroid, Moment Tensor (HRV): Centroid origin time 16:57:41.5; Lat 51.92 N; Lon 177.90 W; Dep 15.0 Bdy; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.26, Plg=25, Azm=51; (N) Val=0.68, Plg=21, Azm=151; (P) Val=-1.93, Plg=57, Azm=277; Best double couple: Mo=1.6*10**17 Nm; NP1: Strike=105, Dip=27, Slip=-139; NP2: Strike=338, Dip=73, Slip=-68.
10	17	13	14.1?	51.47	N	176.70	W	10	G			1.1	5	ANDREANOF ISLANDS, ALEUTIAN IS.
10	17	22	37.5	51.814	N	177.524	W	10	G	4.5		0.9	30	ANDREANOF ISLANDS, ALEUTIAN IS. ML 3.8 (PMR).
10	18	55	00.8*	45.007	N	149.595	E	33	N	3.6		0.8	8	KURIL ISLANDS
10	19	37	15.5*	3.307	N	95.681	E	100	G	4.6		0.7	9	OFF W COAST OF NORTHERN SUMATERA
10	19	43	37.4?	1.13	N	29.13	W	10	G	4.2		0.9	6	CENTRAL MID-ATLANTIC RIDGE
10	20	09	20.3	30.548	N	130.993	E	33	N	3.7		1.1	18	KYUSHU, JAPAN
10	20	14	53.5	41.433	N	19.818	E	10	G	4.0		1.4	61	ALBANIA
10	20	31	48.9	16.092	N	96.695	W	33	N	4.8	4.1	0.8	61	OAXACA, MEXICO
10	20	55	30.8	51.800	N	177.526	W	10	G	4.8		1.0	79	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR). Felt (IV) on Adak.
10	21	45	35.3?	1.61	N	126.70	E	33	N	4.2		1.0	8	NORTHERN MOLUCCA SEA
10	21	50	14.1*	6.512	S	154.654	E	33	N	4.5		1.0	19	SOLOMON ISLANDS
10	22	33	11.0	51.837	N	177.512	W	10	G	4.8		1.1	46	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.0 (PMR).
10	22	43	09.0*	5.546	S	147.066	E	53	?	4.2		1.3	21	EASTERN NEW GUINEA REG., P.N.G.
10	23	30	47.6&	34.215	N	134.597	E	10	G			0.7	5	NEAR S. COAST OF WESTERN HONSHU
11	00	12	56.0?	51.35	N	176.88	W	10	G			1.0	4	ANDREANOF ISLANDS, ALEUTIAN IS.
11	01	11	30.9*	51.435	N	176.957	W	10	G			0.5	6	ANDREANOF ISLANDS, ALEUTIAN IS.
11	01	51	48.2?	19.60	S	177.82	W	500	G			1.2	6	FIJI ISLANDS REGION
11	01	53	21.0*	33.687	N	141.717	E	33	N			1.0	12	OFF EAST COAST OF HONSHU, JAPAN
11	01	55	02.6	47.369	N	6.930	E	10	G			0.6	10	FRANCE. ML 2.6 (STR).
11	02	24	05.6	50.415	N	176.083	W	33	N	5.0	4.2	0.9	124	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR).
11	02	28	24.4?	52.75	S	15.81	E	10	G			0.6	6	SOUTHWEST OF AFRICA
11	02	47	43.5?	15.84	S	174.32	W	33	N			0.5	7	TONGA ISLANDS
11	02	58	04.6*	52.686	S	15.818	E	10	G			0.9	12	SOUTHWEST OF AFRICA
11	03	23	09.0*	52.264	S	17.156	E	10	G	4.2		0.8	12	SOUTHWEST OF AFRICA
11	03	55	44.0	42.369	N	107.693	W	5	G	2.9		0.8	15	WYOMING. ML 3.4 (GS). Felt at Bairoil.
	04	21	58.6	0.071	S	125.144	E	10	G	5.2	5.2	1.1	100	SOUTHERN MOLUCCA SEA. Mw 5.9 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 04:22:09.1; Lat 0.06 N; Lon 125.55 E; Dep 15.0 Fix; Half-duration 2.0 sec; Principal axes (scale 10**17 Nm): (T) Val=8.40, Plg=59, Azm=277; (N) Val=-1.01, Plg=10, Azm=23; (P) Val=-7.39, Plg=29, Azm=119; Best double couple: Mo=7.9*10**17 Nm; NP1: Strike=235, Dip=18, Slip=123; NP2: Strike=20, Dip=75, Slip=80.
11	05	01	33.1*	51.806	N	177.448	W	10	G	3.6		0.8	9	ANDREANOF ISLANDS, ALEUTIAN IS.
11	05	01	34.7&	36.084	N	117.655	W	2					27	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 3.3 (PAS). ML 2.9 (GS).
11	05	07	06.6	11.118	N	86.714	W	33	N	4.9	4.3	1.3	68	NEAR COAST OF NICARAGUA
11	05	21	25.8*	52.247	S	16.888	E	10	G			1.2	10	SOUTHWEST OF AFRICA
11	05	29	56.9*	52.395	S	17.349	E	10	G	4.7		0.8	12	SOUTHWEST OF AFRICA
11	05	52	31.7?	52.77	S	16.77	E	10	G			0.5	5	SOUTHWEST OF AFRICA
11	06	45	06.3*	35.470	N	141.298	E	33	N			0.9	10	NEAR EAST COAST OF HONSHU, JAPAN
11	08	01	28.2?	52.37	S	17.21	E	10	G	4.4		0.9	7	SOUTHWEST OF AFRICA
11	08	23	42.0	33.443	N	92.192	E	33	N	4.0	4.3	0.7	21	QINGHAI, CHINA
11	09	05	13.7&	36.090	N	117.655	W	1					53	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 3.4 (PAS). ML 3.3 (GS).
11	09	28	26.2	56.659	N	159.056	W	33	N	4.5		1.1	26	ALASKA PENINSULA. ML 4.2 (PMR). Felt (IV) at Chignik.
11	09	44	39.0	1.488	N	120.157	E	62	D	5.1	4.4	1.1	82	MINAHASSA PENINSULA, SULAWESI. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 09:44:44.2; Lat 1.81 N; Lon 120.65 E; Dep 64.7; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.86, Plg=84, Azm=232; (N) Val=1.83, Plg=6, Azm=40; (P) Val=-9.70, Plg=1, Azm=130; Best double couple: Mo=8.8*10**16 Nm; NP1: Strike=226, Dip=44, Slip=99; NP2: Strike=34, Dip=47, Slip=81.
11	10	08	08.9	51.642	N	177.448	W	10	G	4.3		1.1	27	ANDREANOF ISLANDS, ALEUTIAN IS. ML 3.7 (PMR).
11	10	25	11.7?	52.92	S	16.30	E	10	G	4.5		1.3	9	SOUTHWEST OF AFRICA
11	11	00	44.7	44.111	N	7.133	E	10	G			0.4	18	NORTHERN ITALY. ML 2.6 (LDG), 2.5 (GEN).
11	11	02	56.1*	47.940	N	7.860	E	10	G			0.1	5	SWITZERLAND. ML 2.3 (LDG).
11	11	04	23.4*	11.284	S	116.894	E	32	*	4.5		1.3	12	SOUTH OF SUMBAWA, INDONESIA
11	11	37	57.3*	52.576	S	17.001	E	10	G	4.6		1.0	11	SOUTHWEST OF AFRICA
11	12	18	50.9	4.736	S	103.195	E	63	D	5.2	4.7	1.1	125	SOUTHERN SUMATERA, INDONESIA. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 12:18:56.5; Lat 5.17 S; Lon 103.13 E; Dep 56.5; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.62, Plg=70, Azm=17; (N) Val=0.37, Plg=0, Azm=287; (P) Val=-1.99, Plg=20, Azm=197; Best double couple: Mo=1.8*10**17 Nm; NP1: Strike=286, Dip=25, Slip=90; NP2: Strike=107, Dip=65, Slip=90.
11	12	50	07.7	27.894	S	26.809	E	5	G	4.8		0.9	37	REPUBLIC OF SOUTH AFRICA
11	14	02	04.9&	33.506	S	71.761	W	33	N			0.4	9	NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).
11	14	03	38.7?	32.07	S	71.61	W	10	G			0.3	5	NEAR COAST OF CENTRAL CHILE. MD 3.2 (SAN).
11	14	20	29.0	15.043	N	147.611	E	33	N	4.4	4.3	1.1	31	MARIANA ISLANDS REGION
11	14	31	38.8*	51.880	N	177.495	W	10	G	3.4		0.9	9	ANDREANOF ISLANDS, ALEUTIAN IS.
11	14	43	56.3?	51.54	N	177.33	W	10	G			0.6	5	ANDREANOF ISLANDS, ALEUTIAN IS.

11	15	02	09.8	20.999	S	178.903	W	600	G	4.7	1.1	76	FIJI ISLANDS REGION
11	15	08	41.7*	51.476	N	176.925	W	10	G	3.3	0.9	6	ANDREANOF ISLANDS, ALEUTIAN IS.
11	15	44	56.5?	9.76	N	126.29	E	33	N		0.8	6	MINDANAO, PHILIPPINE ISLANDS
11	16	36	16.9	8.064	N	126.805	E	33	N	5.0	1.3	55	MINDANAO, PHILIPPINE ISLANDS
11	17	13	58.9?	31.42	S	69.65	W	160	G		0.3	10	SAN JUAN PROVINCE, ARGENTINA. MD 2.9 (SAN).
11	17	18	43.5?	36.24	N	139.76	E	33	N		0.7	4	EASTERN HONSHU, JAPAN
11	17	25	25.4*	3.020	S	130.656	E	33	N		1.4	7	SERAM, INDONESIA
11	17	30	14.2?	18.56	S	169.05	E	250	D		1.4	9	VANUATU ISLANDS
11	18	12	10.3?	19.09	S	177.84	W	600	G		0.7	7	FIJI ISLANDS REGION
11	19	09	58.0?	32.46	S	70.64	W	90	G		0.5	9	CHILE-ARGENTINA BORDER REGION. MD 2.3 (SAN).
11	19	13	10.7?	24.60	S	83.12	E	10	G	4.8 4.4	1.2	11	SOUTH INDIAN OCEAN
11	19	45	46.6?	49.79	S	117.79	E	10	G	4.9	1.4	15	SOUTH OF AUSTRALIA
11	19	58	56.8*	51.485	N	177.238	W	10	G		0.4	6	ANDREANOF ISLANDS, ALEUTIAN IS.
11	20	58	43.6?	45.31	N	2.39	W	10	G		1.0	9	BAY OF BISCAY. ML 2.5 (LDG).
11	21	15	49.4?	0.77	N	79.14	W	33	N	3.8	1.5	7	NEAR COAST OF ECUADOR
11	21	25	57.1*	33.113	N	141.245	E	33	N		0.7	9	OFF EAST COAST OF HONSHU, JAPAN
11	21	40	55.9?	32.60	S	71.65	W	10	G		0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
11	22	36	25.9	43.566	N	0.635	W	10	G		0.7	39	PYRENEES. ML 3.3 (LDG), 3.0 (STR). mbLg 3.2 (MDD). Felt (III) in the Lacq Oilfield area, France.
11	22	37	39.6*	6.135	S	142.853	E	33	N		0.9	5	NEW GUINEA, PAPUA NEW GUINEA
11	23	26	19.5?	32.47	N	138.39	E	350	G		0.7	8	SOUTH OF HONSHU, JAPAN
11	23	31	24.4?	45.42	N	150.99	E	33	N	3.5	1.0	10	KURIL ISLANDS
11	23	50	05.4&	34.149	S	70.967	W	90	G		0.3	9	CHILE-ARGENTINA BORDER REGION
11	23	59	28.7*	12.392	N	143.771	E	33	N	3.2	0.6	7	SOUTH OF MARIANA ISLANDS
12	00	09	43.3*	36.008	N	69.714	E	194	*		0.7	14	HINDU KUSH REGION, AFGHANISTAN
12	00	43	33.6*	15.060	S	75.789	W	33	N	4.1	0.9	16	NEAR COAST OF PERU
12	01	45	22.5*	50.429	N	176.010	W	33	N	4.1	1.2	18	ANDREANOF ISLANDS, ALEUTIAN IS.
12	02	46	12.8*	14.998	N	147.857	E	33	N	4.3	0.8	10	MARIANA ISLANDS REGION
12	02	48	15.0*	1.597	N	80.016	W	33	N	3.6	1.3	13	OFF COAST OF ECUADOR
12	03	14	37.7&	63.196	N	150.696	W	130		2.3		67	CENTRAL ALASKA. <AEIC>.
12	03	57	31.2	50.484	N	18.862	E	5	G	3.5	1.4	23	POLAND. ML 3.2 (CLL).
12	04	29	19.2?	17.21	S	179.22	W	500	G		1.4	20	FIJI ISLANDS REGION
12	04	34	39.4*	26.700	N	126.614	E	129	D	4.0	0.9	19	RYUKYU ISLANDS
12	04	55	35.6*	13.885	N	145.547	E	111		3.2	0.6	16	MARIANA ISLANDS
12	04	58	34.1?	37.87	N	43.42	E	10	G	3.2	0.6	5	TURKEY
12	06	00	17.8?	13.17	S	70.26	W	33	N		1.3	6	CENTRAL PERU
12	06	29	33.5*	21.635	N	142.976	E	312	*	3.7	0.7	12	MARIANA ISLANDS REGION
12	07	03	42.4&	62.307	N	150.101	W	16				60	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
12	07	09	29.8&	64.409	N	152.032	W	2				27	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC).
12	07	13	03.6	6.615	N	73.249	W	190		4.1	1.1	47	NORTHERN COLOMBIA
12	07	13	11.6*	20.724	S	70.052	W	33	N		1.1	8	NEAR COAST OF NORTHERN CHILE
12	07	20	34.4	31.695	N	131.807	E	31		5.3 5.4	1.1	56	KYUSHU, JAPAN. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 07:20:39.3; Lat 31.44 N; Lon 131.60 E; Dep 28.8; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=0.68, Plg=56, Azm=252; (N) Val=0.34, Plg=24, Azm=22; (P) Val=-1.02, Plg=23, Azm=123; Best double couple: Mo=8.5*10**16 Nm; NP1: Strike=250, Dip=30, Slip=142; NP2: Strike=14, Dip=72, Slip=65.
12	07	44	35.9	31.683	N	131.797	E	40	*	4.3 4.6	1.3	24	KYUSHU, JAPAN
12	08	41	36.3&	60.009	N	153.230	W	138				88	SOUTHERN ALASKA. <AEIC>.
12	09	09	31.1	51.630	N	177.381	W	10	G	4.9	1.1	51	ANDREANOF ISLANDS, ALEUTIAN IS.
12	09	20	39.5?	51.71	N	177.54	W	10	G	4.3	0.7	11	ANDREANOF ISLANDS, ALEUTIAN IS.
12	09	26	27.0?	32.60	S	71.83	W	20	G		0.8	10	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
12	09	59	27.0*	51.885	N	177.491	W	10	G	4.6	1.0	21	ANDREANOF ISLANDS, ALEUTIAN IS.
12	10	06	25.9	40.455	N	23.186	E	10	G		0.8	17	GREECE. Felt at Thessaloniki.
12	10	12	18.8?	34.99	S	70.32	W	150	G		0.1	9	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
12	10	43	51.7*	51.674	N	177.419	W	10	G	4.5	1.0	25	ANDREANOF ISLANDS, ALEUTIAN IS.
12	10	58	09.0?	9.88	N	126.83	E	33	N		0.9	7	MINDANAO, PHILIPPINE ISLANDS
12	12	06	35.9&	43.986	N	7.215	E	10	G		0.4	7	NEAR SOUTH COAST OF FRANCE. ML 2.0 (GEN).
12	12	45	17.1*	12.893	N	120.354	E	36	D	4.4 3.8	1.0	16	MINDORO, PHILIPPINE ISLANDS
12	12	59	37.0&	42.427	N	0.239	E	10	G		1.1	6	PYRENEES. ML 3.1 (LDG).
12	13	12	14.3	36.585	N	26.699	E	161		4.2	1.1	93	DODECANESE ISLANDS
12	13	26	47.1?	9.54	N	126.13	E	33	N	4.5	1.1	8	MINDANAO, PHILIPPINE ISLANDS
12	14	32	23.9	43.160	N	0.183	E	10	G		1.3	56	FRANCE. ML 4.2 (LDG), 3.6 (STR). mbLg 3.7 (MDD). Felt (IV) in the Bigorre region, France.
12	15	00	42.7	41.408	N	20.228	E	10	G	3.4	1.5	42	ALBANIA. ML 3.9 (ROM).
12	15	32	37.4*	51.797	N	177.434	W	10	G	3.2	0.8	15	ANDREANOF ISLANDS, ALEUTIAN IS.
12	15	39	54.3?	21.53	N	143.45	E	250	G	3.2	1.1	9	MARIANA ISLANDS REGION
12	16	00	59.2?	53.50	N	159.49	E	33	N		1.3	6	NEAR EAST COAST OF KAMCHATKA
12	16	25	14.7&	36.067	N	117.639	W	1				29	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.7 (PAS). ML 2.9 (GS).
12	16	25	57.8&	44.450	N	7.278	E	10	G		0.4	8	NORTHERN ITALY. ML 2.2 (GEN).
12	17	12	37.8	44.190	N	9.929	E	10	G		0.7	8	NORTHERN ITALY. ML 2.4 (LDG).
12	18	23	53.0	6.030	S	112.959	E	606	D	5.1	1.2	92	JAWA, INDONESIA. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 18:23:56.6; Lat 6.03 S Fix; Lon 112.96 E Fix; Dep 613.4; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.14, Plg=2, Azm=176; (N) Val=1.12, Plg=1, Azm=266; (P) Val=-5.26, Plg=88, Azm=29; Best double couple: Mo=4.7*10**16 Nm; NP1: Strike=265, Dip=43, Slip=-92; NP2: Strike=87, Dip=47, Slip=-88.
12	18	35	49.3	38.703	N	119.502	W	5	G	4.3	0.9	97	CALIFORNIA-NEVADA BORDER REGION. Mw 4.6 (BRK). ML 4.6 (GS), 5.0 (BRK). MD 4.7 (GM). Felt at Sacramento and South Lake Tahoe, California. Also felt at Reno, Nevada. Scalar Moment (BRK): Mo=1.0*10**16 Nm.
12	19	07	22.2?	32.82	S	69.64	W	20	G		0.4	9	MENDOZA PROVINCE, ARGENTINA. MD 3.8 (SAN).
12	19	23	20.6?	22.68	S	109.86	W	10	G	3.5	0.8	10	EASTER ISLAND REGION
12	19	27	51.6&	63.121	N	150.525	W	114				53	CENTRAL ALASKA. <AEIC>.
12	21	13	54.3	44.460	N	11.627	E	10	G		0.9	21	NORTHERN ITALY. ML 3.2 (VIE), 3.0 (LDG).
12	22	27	54.7	55.079	N	110.792	E	10	G	3.8	0.9	19	LAKE BAYKAL REGION, RUSSIA
12	22	47	16.8?	51.64	N	177.52	W	10	G	3.8	0.8	8	ANDREANOF ISLANDS, ALEUTIAN IS.
12	23	06	24.8*	51.744	N	177.424	W	10	G	3.1	0.7	12	ANDREANOF ISLANDS, ALEUTIAN IS.

12	23	37	45.6	51.785	N	177.456	W	10	G	4.5	0.7	24	ANDREANOF ISLANDS, ALEUTIAN IS.
12	23	53	05.2*	51.487	N	177.014	W	10	G		1.1	8	ANDREANOF ISLANDS, ALEUTIAN IS.
13	00	13	14.6&	36.202	N	139.952	E	33	N		0.4	5	EASTERN HONSHU, JAPAN
13	00	44	01.7&	33.989	S	71.269	W	60	G		0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.1 (SAN).
13	00	54	20.2*	51.231	N	15.862	E	5	G		1.1	6	POLAND. ML 2.5 (MOX).
13	00	57	16.7?	51.51	N	175.68	W	10	G		0.8	8	ANDREANOF ISLANDS, ALEUTIAN IS.
13	01	00	07.7	16.406	S	171.609	W	33	N	5.4 5.0	1.0	169	SAMOA ISLANDS REGION. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:00:09.7; Lat 16.52 S; Lon 171.10 W; Dep 15.0 Fix; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.87, Plg=20, Azm=292; (N) Val=-0.82, Plg=69, Azm=95; (P) Val=-2.04, Plg=5, Azm=200; Best double couple: Mo=2.5*10**17 Nm; NP1: Strike=334, Dip=72, Slip=169; NP2: Strike=67, Dip=80, Slip=19.
13	01	00	33.8&	60.391	N	151.445	W	16				8	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
13	01	38	37.9&	65.139	N	148.574	W	12				18	NORTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
13	02	17	54.7*	20.651	S	174.285	W	33	N	4.8	0.8	29	TONGA ISLANDS
13	02	18	08.0&	36.083	N	117.656	W	3				44	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 3.0 (PAS). ML 3.2 (GS).
13	02	28	36.4*	19.231	N	145.672	E	150	G	4.4	1.1	21	MARIANA ISLANDS
13	03	00	05.3&	36.084	N	117.659	W	1				59	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 3.8 (PAS). ML 3.9 (GS).
13	03	27	32.1	51.628	N	177.449	W	10	G	4.5	0.8	30	ANDREANOF ISLANDS, ALEUTIAN IS.
13	03	58	52.2?	36.44	N	141.05	E	33	N		0.6	5	NEAR EAST COAST OF HONSHU, JAPAN
13	04	10	16.5	37.141	N	128.764	E	10	G	4.8	1.3	51	SOUTH KOREA. Felt throughout South Korea.
13	05	23	25.4&	34.032	N	117.236	W	14				23	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.9 (PAS). ML 2.8 (GS).
13	05	39	17.3&	37.230	N	3.178	W	10	G		0.4	7	SPAIN. mbLg 2.8 (MDD).
13	05	44	11.1?	8.90	N	125.99	E	33	N	4.5	1.2	6	MINDANAO, PHILIPPINE ISLANDS
13	05	54	47.9	8.283	N	39.605	W	10	G	4.7 4.1	0.8	59	CENTRAL MID-ATLANTIC RIDGE
13	06	23	00.8	51.681	N	177.479	W	10	G	4.7	1.0	49	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.5 (PMR).
13	06	44	07.9?	6.09	S	127.67	E	350	G	4.4	0.9	9	BANDA SEA
13	06	57	16.2	51.717	N	177.357	W	10	G	4.5	0.8	21	ANDREANOF ISLANDS, ALEUTIAN IS.
13	07	31	24.1?	32.32	S	71.52	W	33	N		0.3	9	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
13	08	06	30.3*	51.450	N	177.053	W	10	G		0.5	5	ANDREANOF ISLANDS, ALEUTIAN IS.
13	08	42	47.9?	33.15	S	72.59	W	33	N		0.6	10	OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
13	08	44	41.2	5.554	S	147.219	E	202	D	5.1	0.7	154	EASTERN NEW GUINEA REG., P.N.G. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 08:44:45.6; Lat 5.94 S; Lon 147.02 E; Dep 197.6; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.37, Plg=56, Azm=82; (N) Val=1.23, Plg=33, Azm=276; (P) Val=-5.60, Plg=6, Azm=182; Best double couple: Mo=5.0*10**16 Nm; NP1: Strike=240, Dip=48, Slip=42; NP2: Strike=119, Dip=60, Slip=130.
13	09	26	26.8	51.613	N	16.334	E	5	G		0.9	16	POLAND. ML 3.9 (VIE).
13	09	56	01.5	6.230	S	104.104	E	69	*	5.2	1.2	89	SUNDA STRAIT. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 09:56:03.3; Lat 6.52 S; Lon 103.87 E; Dep 17.7; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.19, Plg=62, Azm=45; (N) Val=0.23, Plg=3, Azm=309; (P) Val=-2.42, Plg=27, Azm=218; Best double couple: Mo=2.3*10**17 Nm; NP1: Strike=301, Dip=18, Slip=81; NP2: Strike=130, Dip=72, Slip=93.
13	10	35	49.9*	28.878	N	140.944	E	100	G	4.6	0.9	18	BONIN ISLANDS REGION
13	10	52	59.0*	6.400	S	103.672	E	50	G		0.9	7	SOUTHWEST OF SUMATERA, INDONESIA
13	11	23	43.2&	33.347	S	70.649	W	90	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
13	11	30	11.5&	62.816	N	150.372	W	90				85	CENTRAL ALASKA. <AEIC>.
13	11	57	47.0*	22.741	N	143.421	E	88	*	4.7	0.9	25	VOLCANO ISLANDS REGION
13	12	22	50.0*	15.390	N	145.498	E	160		4.8	1.0	37	MARIANA ISLANDS
13	12	24	12.7?	19.27	N	144.20	E	300	?	4.3	1.3	11	MARIANA ISLANDS
13	12	35	24.5	56.267	S	27.056	W	114	D	5.2	0.9	52	SOUTH SANDWICH ISLANDS REGION
13	12	47	42.5*	15.073	N	147.530	E	33	N	4.5	1.1	25	MARIANA ISLANDS REGION
13	13	01	22.1*	7.293	S	128.567	E	130		4.3	0.9	23	BANDA SEA
13	13	08	41.2	52.510	N	163.134	W	33	N	4.4	1.2	27	SOUTH OF ALASKA
13	13	11	24.3?	31.70	S	69.46	W	170	G		0.3	10	SAN JUAN PROVINCE, ARGENTINA. MD 3.5 (SAN).
13	13	25	17.6	15.040	N	147.530	E	31	D	4.4	1.0	28	MARIANA ISLANDS REGION
13	13	29	14.7?	31.74	S	70.06	W	140	G		0.4	10	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
13	14	39	46.0*	9.718	N	126.569	E	33	N	4.6	1.3	18	MINDANAO, PHILIPPINE ISLANDS
13	15	07	45.9?	8.42	S	152.13	E	33	N	3.9	1.5	11	D'ENTRECASTEAUX ISLANDS REGION
13	15	39	54.1*	3.087	S	129.577	E	33	N	4.0	0.7	9	SERAM, INDONESIA
13	16	01	26.9	6.067	S	130.662	E	112	*	4.8	1.0	42	BANDA SEA
13	16	34	10.3?	32.11	S	71.82	W	15	G		0.7	9	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
13	16	52	33.5	36.890	N	23.773	E	33	N	4.2	1.3	94	SOUTHERN GREECE. ML 4.0 (THE).
13	16	53	16.6	38.714	N	119.435	W	5	G		0.9	85	CALIFORNIA-NEVADA BORDER REGION. Mw 4.3 (BRK). ML 4.2 (GS), 4.6 (BRK). MD 4.3 (GM). Scalar Moment (BRK): Mo=3.7*10**15 Nm.
13	17	11	43.0*	36.918	N	23.754	E	33	N	3.8	1.1	19	SOUTHERN GREECE
13	17	38	00.6*	7.464	S	128.410	E	150	G	4.0	1.2	12	BANDA SEA
13	17	39	56.3?	37.12	N	141.56	E	33	N		0.4	5	NEAR EAST COAST OF HONSHU, JAPAN
13	18	38	39.4?	36.15	N	141.11	E	33	N		0.2	5	NEAR EAST COAST OF HONSHU, JAPAN
13	19	06	19.0	7.186	N	126.776	E	33	N	4.7	0.9	28	MINDANAO, PHILIPPINE ISLANDS
13	19	57	00.0&	59.749	N	150.758	W	33				56	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
13	20	28	50.6	48.477	N	154.255	E	33	N	4.7 4.0	0.7	57	KURIL ISLANDS
13	20	30	58.3*	1.868	S	138.494	E	33	N	4.8	1.3	24	NEAR NORTH COAST OF IRIAN JAYA
13	20	33	50.6*	6.200	S	105.574	E	55	*	4.9 4.9	1.5	43	SUNDA STRAIT. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 20:33:52.7; Lat 6.29 S; Lon 105.49 E; Dep 22.3; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.31, Plg=13, Azm=58; (N) Val=-2.13, Plg=16, Azm=324; (P) Val=-4.19, Plg=69, Azm=184; Best double couple: Mo=5.2*10**16 Nm; NP1: Strike=168, Dip=35, Slip=-61; NP2: Strike=314, Dip=60, Slip=-109.
13	21	35	34.6*	19.215	S	68.980	W	143	*		1.1	15	CHILE-BOLIVIA BORDER REGION
13	22	01	33.6*	28.563	N	43.624	W	10	G	4.7	0.8	15	NORTHERN MID-ATLANTIC RIDGE

13	22	16	58.7*	36.954	N	23.789	E	33	N	4.3		1.2	26	SOUTHERN GREECE
13	22	48	38.3*	37.024	N	24.093	E	33	N	4.3		1.5	14	SOUTHERN GREECE
13	23	03	08.6	27.218	N	140.246	E	468		4.1		0.8	33	BONIN ISLANDS REGION
13	23	15	24.5	38.678	N	119.491	W	5	G			0.8	52	CALIFORNIA-NEVADA BORDER REGION. Mw 3.6 (BRK). ML 3.6 (GS), 3.8 (BRK). MD 3.6 (GM). Scalar Moment (BRK): Mo=2.7*10**14 Nm.
13	23	31	58.7	17.043	N	120.137	E	32	D	4.1		0.9	23	LUZON, PHILIPPINE ISLANDS
13	23	46	29.9	15.990	N	95.294	W	33	N	4.7	4.6	0.8	56	NEAR COAST OF OAXACA, MEXICO
13	23	56	28.5*	9.974	S	118.982	E	59	?	4.0		1.3	10	SUMBAWA REGION, INDONESIA
14	00	18	44.9	37.812	N	13.840	E	40	*	4.7		1.2	32	SICILY
14	00	26	33.2?	40.82	N	48.55	E	50	G	4.0		1.4	11	EASTERN CAUCASUS
14	00	32	25.2*	37.878	N	13.690	E	33	N			1.3	18	SICILY
14	00	38	56.2?	2.65	N	128.99	E	150	G			1.3	7	HALMAHERA, INDONESIA
14	00	45	32.9&	33.110	S	70.549	W	90	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.0 (SAN).
14	01	03	02.7	66.460	N	170.413	W	10	G	3.9		1.3	27	NEAR N. COAST OF EASTERN SIBERIA. ML 4.2 (PMR).
14	01	11	07.0*	32.877	S	69.751	W	100	G	4.5		1.4	17	MENDOZA PROVINCE, ARGENTINA
14	02	10	27.4*	6.277	S	105.768	E	100	G	4.6		1.4	34	SUNDA STRAIT
14	02	10	47.2&	60.174	N	153.164	W	132					63	SOUTHERN ALASKA. <AEIC>.
14	03	52	15.7?	20.96	S	67.41	W	200	G	4.3		1.1	8	SOUTHERN BOLIVIA
14	04	27	53.7&	32.871	S	70.186	W	100	G			0.2	10	CHILE-ARGENTINA BORDER REGION
14	06	21	54.7?	51.44	N	177.20	W	10	G			1.3	6	ANDREANOF ISLANDS, ALEUTIAN IS.
14	07	07	51.7&	61.392	N	152.374	W	148					48	SOUTHERN ALASKA. <AEIC>.
14	07	43	12.6?	5.00	S	103.24	E	40	D			1.2	11	SOUTHERN SUMATERA, INDONESIA
14	08	29	17.6&	36.063	N	117.648	W	1					43	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.8 (PAS). ML 2.9 (GS).
14	09	13	08.2&	32.835	S	70.274	W	100	G			0.2	10	CHILE-ARGENTINA BORDER REGION
14	09	24	02.8?	27.45	S	65.76	E	10	G			1.2	5	SOUTH INDIAN OCEAN
14	09	39	42.7?	27.79	S	65.88	E	10	G			1.5	7	SOUTH INDIAN OCEAN
14	09	48	23.9	41.362	S	75.288	W	10	G	5.0		1.2	37	OFF COAST OF SOUTHERN CHILE
14	09	50	38.9	12.734	N	44.732	W	10	G	4.8	4.5	0.9	58	NORTHERN MID-ATLANTIC RIDGE
14	10	08	47.1?	28.58	N	139.98	E	400	G	3.8		1.0	11	BONIN ISLANDS REGION
14	10	10	51.4*	52.332	S	17.304	E	10	G	4.7		1.3	10	SOUTHWEST OF AFRICA
14	10	27	37.4	7.311	S	128.572	E	100	G	4.5		1.0	45	BANDA SEA
14	10	44	35.8?	27.92	S	65.40	E	10	G	4.2		0.8	5	SOUTH INDIAN OCEAN
14	10	59	46.6?	5.31	S	154.53	E	100	G	4.6		0.4	7	SOLOMON ISLANDS
14	11	08	14.5?	7.33	N	126.18	E	33	N			1.1	6	MINDANAO, PHILIPPINE ISLANDS
14	11	09	44.4?	27.35	S	64.85	E	10	G			0.8	5	SOUTHWEST INDIAN RIDGE
14	11	10	53.5	43.472	N	7.868	E	10	G			0.3	12	NEAR SOUTH COAST OF FRANCE. ML 2.1 (GEN), 1.8 (LDG).
14	11	12	12.7?	29.21	N	142.53	E	33	N			1.2	6	SOUTH OF HONSHU, JAPAN
14	11	20	20.2*	5.384	S	154.036	E	150	G	4.7		0.6	11	SOLOMON ISLANDS
14	11	56	32.9?	27.89	S	65.65	E	10	G	4.3		0.5	7	SOUTH INDIAN OCEAN
14	12	21	27.4?	37.51	N	71.95	E	150	G			0.3	6	AFGHANISTAN-TAJIKISTAN BORD REG.
14	12	43	43.4&	60.418	N	151.878	W	67					69	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
14	13	02	16.0	5.385	S	146.798	E	242	D	4.5		0.8	41	EASTERN NEW GUINEA REG., P.N.G.
14	13	05	44.0*	35.808	N	140.370	E	77	*			0.6	9	NEAR EAST COAST OF HONSHU, JAPAN
14	13	37	30.6?	27.82	S	65.44	E	10	G			1.5	7	SOUTH INDIAN OCEAN
14	13	46	12.8&	64.815	N	148.791	W	17					49	CENTRAL ALASKA. <AEIC>. ML 3.3 (AEIC), 3.3 (PMR).
14	14	15	29.3*	27.603	S	65.772	E	10	G	4.9		1.3	19	SOUTH INDIAN OCEAN
14	15	13	51.4*	1.629	N	126.652	E	33	N	4.3		1.1	9	NORTHERN MOLUCCA SEA
14	15	25	58.7&	60.250	N	152.580	W	96					59	SOUTHERN ALASKA. <AEIC>.
14	15	34	51.9?	2.97	S	139.07	E	33	N			1.1	5	NEAR NORTH COAST OF IRIAN JAYA
14	15	39	03.3*	4.179	S	135.294	E	33	N	4.7		1.3	22	IRIAN JAYA REGION, INDONESIA
14	16	21	59.6?	17.94	S	178.24	W	600	G	4.0		0.9	13	FIJI ISLANDS REGION
14	16	25	53.6	10.123	N	126.157	E	33	N	5.4	5.1	1.1	107	PHILIPPINE ISLANDS REGION. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 16:25:58.4; Lat 10.12 N Fix; Lon 126.16 E Fix; Dep 15.0 Fix; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=3.14, Plg=50, Azm=280; (N) Val=-0.05, Plg=2, Azm=187; (P) Val=-3.10, Plg=40, Azm=96; Best double couple: Mo=3.1*10**17 Nm; NP1: Strike=168, Dip=5, Slip=70; NP2: Strike=8, Dip=85, Slip=92.
14	16	43	52.7	56.650	N	155.943	W	53		4.6		0.7	28	ALASKA PENINSULA
14	16	47	27.6*	37.011	N	23.533	E	33	N	3.5		1.2	10	SOUTHERN GREECE
14	16	52	23.2&	33.150	S	70.264	W	10	G			0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
14	17	15	47.7*	21.648	N	143.118	E	300	G			0.7	10	MARIANA ISLANDS REGION
14	17	20	31.7?	37.08	N	25.33	E	100	G			0.6	6	DODECANESE ISLANDS
14	17	25	37.8*	47.523	N	155.943	E	33	N	4.4		1.4	22	EAST OF KURIL ISLANDS
14	18	05	20.6	0.036	S	124.117	E	83		5.1		1.1	93	SOUTHERN MOLUCCA SEA. Mw 5.0 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 18:05:25.9; Lat 0.27 N; Lon 123.94 E; Dep 82.2; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.35, Plg=69, Azm=325; (N) Val=-0.37, Plg=21, Azm=145; (P) Val=-2.98, Plg=0, Azm=55; Best double couple: Mo=3.2*10**16 Nm; NP1: Strike=126, Dip=49, Slip=62; NP2: Strike=345, Dip=49, Slip=118.
14	18	14	02.6*	15.220	N	94.252	W	33	N	4.5	4.4	1.0	38	NEAR COAST OF OAXACA, MEXICO
14	18	34	02.7*	35.305	N	77.650	E	67	D	4.4		1.4	22	EASTERN KASHMIR
14	18	46	45.4?	17.40	S	167.34	E	33	N			1.4	11	VANUATU ISLANDS
14	19	49	51.3	28.454	N	49.630	E	10	G	4.5		0.9	50	PERSIAN GULF. Felt by people in high-rise buildings in Kuwait.
14	20	00	46.1	30.420	N	131.168	E	10	G	4.1		1.5	28	KYUSHU, JAPAN
14	20	16	13.1?	44.63	N	148.52	E	33	N			0.6	6	KURIL ISLANDS
14	21	15	35.5	12.727	N	88.789	W	33	N	5.2	5.2	1.3	108	OFF COAST OF CENTRAL AMERICA. Mw 5.7 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 21:15:38.2; Lat 12.25 N; Lon 89.41 W; Dep 15.0 Fix; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=4.83, Plg=58, Azm=49; (N) Val=-0.39, Plg=7, Azm=308; (P) Val=-4.44, Plg=31, Azm=214; Best double couple: Mo=4.6*10**17 Nm; NP1: Strike=283, Dip=16, Slip=64; NP2: Strike=129, Dip=76, Slip=97.
14	21	48	50.3?	18.03	S	167.32	E	33	N			1.3	20	VANUATU ISLANDS
14	22	14	18.5&	63.239	N	150.586	W	131					48	CENTRAL ALASKA. <AEIC>.
14	22	18	18.4*	5.474	S	79.828	W	96	D	4.7		1.0	25	NORTHERN PERU

14	22	55	23.1*	36.257	N	70.781	E	100	G	3.7		1.0	8	HINDU KUSH REGION, AFGHANISTAN
14	23	25	40.3*	2.677	S	77.728	W	33	N	4.6		1.0	16	PERU-ECUADOR BORDER REGION
14	23	36	58.7	43.304	N	11.254	E	10	G			1.1	44	CENTRAL ITALY. ML 3.0 (VIE), 2.9 (LDG).
15	00	28	13.3?	35.01	S	69.56	W	200	G			0.2	10	MENDOZA PROVINCE, ARGENTINA. MD 3.9 (SAN).
15	01	47	30.8?	2.18	N	65.44	E	10	G	4.4		1.4	9	CARLSBERG RIDGE
15	02	20	12.5*	10.103	S	161.006	E	81	D	4.1		1.1	21	SOLOMON ISLANDS
15	02	34	16.2*	28.267	N	55.474	E	33	N	3.5		0.9	13	SOUTHERN IRAN
15	03	01	35.7?	10.17	S	161.12	E	103	D	3.7		1.4	6	SOLOMON ISLANDS
15	03	01	57.3*	36.981	N	33.117	W	10	G	4.7		1.0	17	AZORES ISLANDS REGION
15	03	04	08.6?	5.65	S	153.13	E	33	N			1.5	5	NEW IRELAND REGION, P.N.G.
15	03	07	46.7?	10.88	N	69.80	W	33	N			1.1	6	VENEZUELA
15	03	47	56.3?	20.93	S	178.62	W	550	G	4.2		0.8	13	FIJI ISLANDS REGION
15	03	56	10.8	44.557	N	6.881	E	10	G			0.6	21	FRANCE. ML 2.3 (GEN), 2.1 (LDG).
15	04	45	53.9?	4.49	S	139.94	E	33	N	3.4		0.6	7	IRIAN JAYA, INDONESIA
15	04	49	07.3	47.284	N	7.752	E	10	G			1.3	53	SWITZERLAND. ML 3.4 (GRF), 3.2 (LDG), 3.1 (STR), 3.1 (VIE), 2.9 (FUR).
15	05	37	12.6&	61.510	N	152.000	W	5					59	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC), 2.9 (PMR).
15	07	19	56.8&	36.033	N	89.842	W	1					10	NEW MADRID, MISSOURI REGION. <TEIC>. mbLg 2.8 (GS).
15	08	27	57.7&	36.067	N	117.634	W	1					12	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.8 (PAS). ML 2.9 (GS).
15	08	31	30.9&	37.607	N	3.994	W	10	G			1.3	6	SPAIN. mbLg 2.9 (MDD).
15	08	34	32.5*	47.489	N	124.178	W	10	G			0.6	7	NEAR COAST OF WASHINGTON. MD 3.0 (SEA).
15	10	28	32.1	36.627	N	26.882	E	154		4.5		1.0	117	DODECANESE ISLANDS
15	10	44	02.9?	49.38	S	106.42	E	10	G			1.4	5	SOUTHEAST INDIAN RIDGE
15	10	58	12.6&	43.148	N	0.295	W	5	G			1.3	7	PYRENEES. ML 2.9 (LDG). Felt (II) in the epicentral area.
15	11	04	42.2?	49.28	S	106.49	E	10	G	4.0		1.1	6	SOUTHEAST INDIAN RIDGE
15	11	11	46.9?	49.18	S	105.91	E	10	G	4.1		1.0	11	SOUTHEAST INDIAN RIDGE
15	11	14	39.4?	49.25	S	106.34	E	10	G	3.8		1.5	8	SOUTHEAST INDIAN RIDGE
15	11	18	07.2?	49.16	S	106.04	E	10	G	4.7	4.6	1.2	11	SOUTHEAST INDIAN RIDGE
15	11	21	42.5?	49.12	S	106.45	E	10	G			1.5	6	SOUTHEAST INDIAN RIDGE
15	11	23	50.1?	49.24	S	105.58	E	10	G			0.8	5	SOUTHEAST INDIAN RIDGE
15	11	29	45.7?	49.17	S	106.19	E	10	G			1.4	8	SOUTHEAST INDIAN RIDGE
15	11	35	14.0?	49.34	S	106.37	E	10	G			0.9	5	SOUTHEAST INDIAN RIDGE
15	12	05	03.3?	49.22	S	106.26	E	10	G	4.1		1.6	7	SOUTHEAST INDIAN RIDGE
15	12	24	08.4?	48.84	S	106.09	E	10	G	4.5		1.5	10	SOUTHEAST INDIAN RIDGE
15	13	07	31.8&	36.878	N	121.631	W	10					59	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.1 (GS), 3.0 (BRK).
15	13	52	49.7	37.312	N	140.469	E	118				0.6	19	EASTERN HONSHU, JAPAN
15	14	12	10.4	0.828	N	29.591	W	10	G	4.7		0.8	57	CENTRAL MID-ATLANTIC RIDGE
15	15	23	20.5&	59.069	N	152.852	W	67					47	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
15	15	38	48.7*	24.437	S	176.454	W	33	N	4.9		1.2	42	SOUTH OF FIJI ISLANDS
15	15	41	00.3*	3.781	N	32.002	W	10	G	4.6	4.9	1.2	24	CENTRAL MID-ATLANTIC RIDGE. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 15:41:08.4; Lat 4.05 N; Lon 32.36 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=2.23, Plg=13, Azm=220; (N) Val=-0.19, Plg=77, Azm=48; (P) Val=-2.04, Plg=2, Azm=310; Best double couple: Mo=2.1*10**17 Nm; NP1: Strike=355, Dip=79, Slip=8; NP2: Strike=264, Dip=82, Slip=169.
15	15	42	57.0?	32.40	S	70.31	W	100	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
15	16	28	44.7	33.728	N	131.174	E	44				1.0	17	KYUSHU, JAPAN
15	16	52	45.6	33.805	N	131.177	E	18				0.7	14	KYUSHU, JAPAN
15	16	56	19.2?	6.26	S	29.86	E	10	G	4.3		0.7	6	LAKE TANGANYIKA REGION
15	17	49	15.4	51.636	N	16.275	E	5	G			0.5	9	POLAND. MG 2.5 (WAR).
15	17	54	20.1&	36.697	N	2.916	W	10	G			1.0	8	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
15	17	58	06.3	46.981	N	151.908	E	33	N	4.9	4.2	0.9	144	KURIL ISLANDS
15	18	22	48.3*	18.165	S	168.089	E	33	N	4.8		1.2	64	VANUATU ISLANDS
15	18	56	26.0	24.030	N	121.604	E	78	D	4.3		0.5	13	TAIWAN
15	19	05	37.7*	41.292	N	142.569	E	33	N	4.5		1.0	7	HOKKAIDO, JAPAN REGION
15	20	10	52.6*	32.371	N	141.797	E	33	N	4.3		1.1	12	SOUTH OF HONSHU, JAPAN
15	20	31	52.4	43.794	N	150.242	E	33	N	4.7	4.5	1.4	84	EAST OF KURIL ISLANDS
15	20	49	11.2*	0.900	N	29.553	W	10	G	4.3		0.9	7	CENTRAL MID-ATLANTIC RIDGE
15	20	58	09.4	23.500	N	94.029	E	71	D	4.5		0.8	63	MYANMAR-INDIA BORDER REGION
15	21	36	33.5	40.284	N	116.575	E	10	G	4.4		1.2	18	NORTHEASTERN CHINA. ML 4.4 (BJI). Felt at Beijing and Gaoliying.
15	22	08	58.1*	34.699	N	32.190	E	33	N	3.9		0.8	34	CYPRUS REGION
15	23	13	20.0*	40.220	S	178.543	E	47	D	4.8		1.1	20	OFF E. COAST OF N. ISLAND, N.Z.
15	23	30	11.3	0.237	S	80.684	W	33	N	4.7		1.3	38	NEAR COAST OF ECUADOR
15	23	48	49.4&	46.195	N	2.771	E	10	G			0.3	7	FRANCE. ML 1.4 (LDG).
16	00	25	54.7&	33.785	S	70.144	W	10	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
16	01	16	04.8*	33.780	N	138.446	E	269		3.6		0.8	14	SOUTH OF HONSHU, JAPAN
16	01	46	38.3	0.236	S	80.727	W	33	N	5.1	5.0	1.0	134	NEAR COAST OF ECUADOR. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:46:39.6; Lat 0.39 S; Lon 80.97 W; Dep 27.1; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.28, Plg=58, Azm=70; (N) Val=-0.07, Plg=10, Azm=176; (P) Val=-2.21, Plg=30, Azm=272; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=28, Dip=18, Slip=123; NP2: Strike=174, Dip=75, Slip=80.
16	01	46	56.2*	27.676	S	65.644	E	10	G	4.2		0.9	12	SOUTH INDIAN OCEAN
16	01	58	31.3&	39.500	N	87.400	W	5	G				7	ILLINOIS. <MACRO>. mbLg 3.1 (GS). Felt (V) at Saint Bernice; (IV) at Bellmore, Clay City and Fontanet; (III) at Bloomington, Brazil, Bridgeton, Clinton, Coal City, Lewis, Riley, Rockville, Shelburn and Terre Haute, Indiana. Felt (IV) at Hutsonville, Paris and Vermillion, Illinois.
16	02	18	19.6&	33.446	N	116.903	W	14					28	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.8 (PAS).
16	02	28	16.9*	11.085	S	165.317	E	33	N	4.7	4.9	1.4	50	SANTA CRUZ ISLANDS. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 02:28:19.1; Lat 11.10 S; Lon 165.24 E; Dep 15.0 Fix; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=2.03, Plg=24, Azm=199; (N) Val=-0.68, Plg=66, Azm=10; (P) Val=-1.35, Plg=3, Azm=107; Best double couple: Mo=1.7*10**17 Nm; NP1: Strike=240, Dip=71, Slip=165; NP2:

													Strike=335, Dip=76, Slip=19.
16	02	44	29.9*	3.833	N	125.956	E	150	G	4.3	0.6	14	TALAUD ISLANDS, INDONESIA
16	04	06	04.1&	35.795	N	117.639	W	5				35	CENTRAL CALIFORNIA. <PAS-P>. MD 2.9 (PAS). ML 3.0 (GS).
16	04	08	59.5&	61.108	N	3.806	E	10	G		0.3	5	NORWEGIAN SEA
16	04	49	54.9*	37.801	N	83.973	E	28	D	3.7	0.9	15	SOUTHERN XINJIANG, CHINA
16	05	03	27.1*	33.263	N	64.508	E	33	N		0.5	7	NORTHWESTERN AFGHANISTAN
16	05	22	36.8	45.050	N	7.399	E	10	G		1.4	22	NORTHERN ITALY. ML 2.4 (GEN), 2.2 (LDG).
16	05	54	27.3?	14.17	N	91.00	W	100	G	4.0	1.1	10	GUATEMALA
16	06	23	30.2?	31.83	S	69.65	W	150	G		0.6	10	SAN JUAN PROVINCE, ARGENTINA. MD 3.1 (SAN).
16	06	59	50.5	42.743	N	78.155	E	24	D	4.5	0.7	57	LAKE ISSYK-KUL REGION. Felt (VI) in the Ak-Bulak area; (V) at Tyup; (IV) at Ananyevo and Karakol; (III) at Cholpon-Ata, Kyrgyzstan. Felt (II) at Almaty, Kazakhstan.
16	07	00	12.6	42.748	N	78.229	E	23	D	4.9	0.9	29	LAKE ISSYK-KUL REGION. Felt (VI) in the Ak-Bulak area; (V) at Tyup; (IV) at Ananyevo and Karakol; (III) at Cholpon-Ata, Kyrgyzstan. Felt (II) at Almaty and Taldykorgan, Kazakhstan.
16	07	17	34.6&	54.965	N	160.569	E	100	G		0.7	9	NEAR EAST COAST OF KAMCHATKA
16	09	09	54.5	44.814	N	10.715	E	10	G		1.2	104	NORTHERN ITALY. ML 4.3 (VIE), 4.2 (STR), 4.2 (FUR), 4.0 (LDG).
16	10	30	22.5&	36.087	N	117.653	W	2				56	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 3.6 (PAS). ML 3.6 (GS).
16	11	04	57.3*	3.075	S	136.902	E	33	N	4.5	1.1	12	IRIAN JAYA, INDONESIA
16	11	35	38.8	42.874	N	2.591	E	5	G		0.8	60	PYRENEES. ML 3.8 (LDG), 3.7 (STR). mbLg 3.6 (MDD).
16	12	01	49.8*	17.013	S	178.983	W	400	G	4.1	1.0	26	FIJI ISLANDS REGION
16	12	30	42.6?	17.12	S	178.89	W	400	G		0.6	10	FIJI ISLANDS REGION
16	12	33	08.9	25.442	N	124.141	E	145	D	4.7	0.8	61	NORTHEAST OF TAIWAN
16	13	31	57.4?	56.06	S	27.09	W	100	G		0.7	8	SOUTH SANDWICH ISLANDS REGION
16	15	11	45.9*	37.501	N	23.736	E	200	G	3.7	1.4	16	SOUTHERN GREECE
16	16	02	53.7*	7.277	S	156.114	E	30	D	4.2	1.0	23	SOLOMON ISLANDS
16	16	09	50.4*	38.529	N	21.881	E	10	G	3.8	1.3	10	GREECE
16	17	01	05.0	18.884	S	179.316	W	600	G	4.9	1.4	147	FIJI ISLANDS REGION
16	17	12	23.9*	18.764	S	168.418	E	33	N	4.7	1.5	48	VANUATU ISLANDS
16	17	26	01.2*	48.610	N	153.113	E	150	G	3.4	0.8	16	KURIL ISLANDS
16	17	59	35.8&	33.175	N	75.941	E	50	G		0.7	5	EASTERN KASHMIR
16	18	36	09.5*	34.973	N	78.033	E	33	N	3.8	1.2	11	KASHMIR-XIZANG BORDER REGION
16	18	52	57.2	23.385	S	179.745	W	500	G	4.6	1.0	60	SOUTH OF FIJI ISLANDS
16	18	58	12.4?	37.01	N	24.68	E	100	G	3.6	1.4	13	SOUTHERN GREECE
16	19	24	26.2&	63.710	N	149.500	W	130				66	CENTRAL ALASKA. <AEIC>.
16	19	54	19.8*	72.752	N	5.972	E	10	G	3.2	1.1	5	NORWEGIAN SEA
16	19	59	15.7*	20.818	S	178.571	W	600	G	4.5	1.0	17	FIJI ISLANDS REGION
16	20	35	18.3&	64.050	N	148.620	W	126				22	CENTRAL ALASKA. <AEIC>.
16	20	49	23.4*	7.302	S	128.559	E	100	G	4.4	1.1	18	BANDA SEA
16	20	56	10.3?	13.23	N	89.09	W	100	G	4.1	1.4	7	EL SALVADOR
16	21	03	22.4?	7.33	S	156.06	E	33	N	4.3	1.3	9	SOLOMON ISLANDS
16	21	58	37.9&	58.230	N	155.900	W	135		3.3		81	ALASKA PENINSULA. <AEIC>.
16	22	12	23.1*	5.428	S	151.349	E	104	*	4.7	1.1	17	NEW BRITAIN REGION, P.N.G.
16	22	47	03.7?	10.87	S	165.10	E	100	G	4.1	1.5	11	SANTA CRUZ ISLANDS
16	22	54	41.9*	51.672	N	178.620	W	33	N	4.3	1.0	16	ANDREANOF ISLANDS, ALEUTIAN IS.
16	23	18	16.5	7.890	S	128.988	E	33	N	4.9	1.2	28	BANDA SEA
16	23	21	43.0?	37.11	N	24.05	E	10	G		0.6	7	SOUTHERN GREECE
17	03	32	40.2*	73.407	N	8.150	E	10	G	3.4	1.5	7	GREENLAND SEA
17	04	03	22.5&	36.084	N	117.656	W	2				87	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 3.8 (PAS). ML 4.0 (GS).
17	04	10	35.0&	31.661	N	131.780	E	50	G		0.5	5	KYUSHU, JAPAN
17	04	40	35.0*	15.472	S	75.441	W	63	*	3.6	1.0	12	NEAR COAST OF PERU
17	05	12	05.3	4.536	S	152.067	E	167		5.0	0.7	30	NEW BRITAIN REGION, P.N.G.
17	05	24	38.1&	63.540	N	150.670	W	12				59	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.4 (PMR).
17	05	27	52.5&	45.406	N	27.817	E	10	G		0.9	5	ROMANIA
17	05	52	14.7*	51.008	N	15.688	E	5	G		1.5	6	POLAND. ML 2.3 (MOX).
17	05	53	42.2&	48.662	N	123.104	W	56		3.1		48	VANCOUVER ISLAND REGION. <SEA-P>. MD 2.6 (SEA).
17	06	10	27.2&	59.880	N	152.890	W	104		2.9		86	SOUTHERN ALASKA. <AEIC>.
17	06	38	37.5?	16.99	S	179.22	W	450	G	4.4	0.6	7	FIJI ISLANDS REGION
17	07	17	29.1*	14.400	N	91.499	W	64	D	4.5	1.2	35	GUATEMALA
17	07	32	53.8	0.427	S	80.871	W	33	N	4.6	1.1	43	NEAR COAST OF ECUADOR
17	07	35	15.1*	21.953	N	94.594	E	100	G		0.8	8	MYANMAR
17	08	40	12.5*	17.732	S	178.778	W	550	G	4.6	0.8	22	FIJI ISLANDS REGION
17	08	43	41.4	34.707	N	139.257	E	10	G	3.5	1.2	17	NEAR S. COAST OF HONSHU, JAPAN
17	08	46	57.9*	31.413	N	138.175	E	400	G	3.4	1.2	15	SOUTH OF HONSHU, JAPAN
17	09	25	36.2?	19.62	S	173.43	W	150	G	4.5	0.4	12	TONGA ISLANDS
17	09	27	04.7&	36.078	N	117.661	W	1				7	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.9 (PAS).
17	10	17	03.4?	27.06	N	126.69	E	33	N	4.4	0.9	9	NORTHWEST OF RYUKYU ISLANDS
17	10	30	01.7	12.624	N	88.885	W	33	N	4.8 4.4	1.1	53	OFF COAST OF CENTRAL AMERICA
17	10	39	41.8?	13.86	N	89.09	W	150	G	3.9	1.2	8	EL SALVADOR
17	11	02	04.5&	31.002	S	116.575	E	10	G		0.7	7	WESTERN AUSTRALIA
17	11	11	51.5*	28.541	S	71.611	W	33	N	4.3	1.1	18	NEAR COAST OF CENTRAL CHILE
17	11	28	53.9&	45.556	N	26.678	E	100	G		1.0	6	ROMANIA
17	11	31	30.7*	27.560	N	34.007	E	10	G	3.8	0.8	16	RED SEA
17	11	37	07.6?	36.93	N	24.60	E	100	G	3.8	1.2	14	SOUTHERN GREECE
17	12	09	22.7&	36.962	N	4.267	W	33	N		0.9	11	STRAIT OF GIBRALTAR. mbLg 3.5 (MDD).
17	12	48	44.1	44.001	N	7.887	E	5	G		0.4	13	NORTHERN ITALY. ML 2.3 (LDG), 2.0 (GEN).
17	12	52	18.9	34.900	N	139.150	E	33	N		0.6	9	NEAR S. COAST OF HONSHU, JAPAN
17	13	24	44.0	39.069	N	22.124	E	100	G	3.5	0.8	15	GREECE
17	13	37	47.9&	33.157	N	132.307	E	50	G		0.6	8	SHIKOKU, JAPAN
17	14	26	59.2&	44.196	N	8.171	E	5	G		0.3	9	NORTHERN ITALY. ML 2.0 (GEN).
17	14	46	27.8?	16.60	N	101.33	W	33	N	4.1	1.4	11	NEAR COAST OF GUERRERO, MEXICO
17	15	36	44.0&	44.328	N	8.236	E	5	G		0.4	9	NORTHERN ITALY. ML 1.9 (GEN).
17	16	05	15.0*	34.981	N	139.188	E	33	N		1.4	10	NEAR S. COAST OF HONSHU, JAPAN
17	16	16	21.1?	21.02	S	179.08	W	550	G	3.9	0.7	9	FIJI ISLANDS REGION
17	16	24	27.0	36.606	N	71.511	E	176	D	4.8	0.9	209	AFGHANISTAN-TAJIKISTAN BORD REG.
17	16	41	30.8&	36.084	N	117.658	W	2				46	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 3.0 (PAS). ML 3.0 (GS).
17	17	12	22.3*	12.638	N	88.862	W	33	N	4.8 4.6	1.3	46	OFF COAST OF CENTRAL AMERICA
17	17	24	29.3*	51.777	N	177.512	W	10	G	4.1	0.7	15	ANDREANOF ISLANDS, ALEUTIAN IS.

17	17	41	21.2	51.667	N	16.335	E	5	G		1.0	12	POLAND. ML 3.2 (VIE), 2.7 (MOX).
17	18	24	15.5?	30.87	S	179.29	W	200	G	4.4	1.4	10	KERMADEC ISLANDS REGION
17	19	00	16.4*	20.149	S	71.363	W	33	N	4.3	1.2	9	OFF COAST OF NORTHERN CHILE
17	19	14	11.4*	6.880	S	129.792	E	100	G	4.0	0.9	9	BANDA SEA
17	19	39	14.8&	35.908	N	139.810	E	33	N		0.3	5	NEAR S. COAST OF HONSHU, JAPAN
17	19	44	57.7*	11.468	N	88.133	W	33	N	4.4	1.0	21	OFF COAST OF CENTRAL AMERICA
17	19	54	37.4?	20.38	S	177.91	W	500	G	4.7	1.3	13	FIJI ISLANDS REGION
17	20	05	49.1	7.336	S	145.880	E	199		5.0	1.0	55	NEAR S COAST OF NEW GUINEA, PNG.
17	20	20	33.3	12.473	N	88.923	W	33	N	4.8 5.2	1.4	65	OFF COAST OF CENTRAL AMERICA. Mw 5.6 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 20:20:36.1; Lat 12.13 N; Lon 89.48 W; Dep 15.0 Fix; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=3.24, Plg=61, Azm=67; (N) Val=-0.19, Plg=14, Azm=311; (P) Val=-3.06, Plg=25, Azm=214; Best double couple: Mo=3.2*10**17 Nm; NP1: Strike=277, Dip=23, Slip=53; NP2: Strike=136, Dip=71, Slip=104.
													Scalar Moment (PPT): Mo=4.2*10**17 Nm.
17	20	27	06.2&	44.908	N	4.734	E	10	G		1.3	9	FRANCE
17	21	59	35.0	8.508	S	112.568	E	72	D	4.8	1.4	57	JAWA, INDONESIA
17	22	04	30.7&	63.040	N	148.250	W	64				66	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.3 (PMR).
17	22	21	22.4	44.196	N	6.582	E	5	G		1.0	16	FRANCE. ML 1.4 (LDG).
17	22	26	43.3	18.434	S	174.302	W	150	G	4.9	0.8	34	TONGA ISLANDS
17	22	40	54.0	18.182	S	178.036	W	550	G	5.4	1.1	64	FIJI ISLANDS REGION
17	23	18	33.9*	0.951	N	29.682	W	10	G	4.5	0.9	11	CENTRAL MID-ATLANTIC RIDGE
17	23	40	31.9*	22.871	N	94.163	E	33	N	4.3	0.9	23	MYANMAR
18	00	07	26.1&	33.735	S	70.506	W	90	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 2.8 (SAN).
18	01	51	12.7&	59.860	N	152.440	W	90				58	SOUTHERN ALASKA. <AEIC>.
18	02	21	14.8	4.323	N	96.668	E	33	N	4.4	0.6	12	NORTHERN SUMATERA, INDONESIA
18	02	50	16.4	22.813	N	121.538	E	100	G	4.1	1.0	24	TAIWAN REGION
18	04	16	20.8?	5.32	S	154.71	E	200	G	4.2	0.6	7	SOLOMON ISLANDS
18	05	03	37.3?	22.57	N	93.96	E	33	N	3.8	0.9	7	MYANMAR-INDIA BORDER REGION
18	07	10	36.1*	12.775	N	89.133	W	25	D	4.6	1.5	41	OFF COAST OF CENTRAL AMERICA
18	08	07	54.9?	36.69	N	1.73	W	10	G		0.7	6	WESTERN MEDITERRANEAN SEA. mbLg 2.9 (MDD).
18	09	12	14.2?	5.25	N	126.55	E	33	N	4.1	1.5	6	MINDANAO, PHILIPPINE ISLANDS
18	09	13	19.2&	33.885	S	71.411	W	40	G		0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
18	09	15	21.4?	8.76	N	89.07	W	33	N	3.7	0.8	7	OFF COAST OF CENTRAL AMERICA
18	09	27	23.3&	44.280	N	8.155	E	5	G		0.9	7	NORTHERN ITALY. ML 2.5 (LDG).
18	09	59	42.7	44.795	N	10.579	E	10	G		1.2	46	NORTHERN ITALY. ML 3.3 (LDG), 3.2 (VIE).
18	10	10	40.4*	5.309	S	35.850	E	10	G	4.2	0.9	17	TANZANIA
18	10	12	27.4	25.120	S	70.683	W	33	D	5.8 5.0	1.1	148	NEAR COAST OF NORTHERN CHILE. Mw 5.5 (GS), 5.5 (HRV). Me 5.5 (GS). Felt (V) in the Cerro Paranal area. Felt (IV) at Paposo and Taltal; (III) at Antofagasta and Copiapo.
													Broadband Source Parameters (GS): Dep 29; NP1: Strike=100, Dip=40, Slip=70; NP2: Strike=305, Dip=53, Slip=106; Radiated energy 3.8*10**12 Nm.
													Moment Tensor (GS): Dep 33; Principal axes (scale 10**17 Nm): (T) Val=1.78, Plg=77, Azm=283; (N) Val=0.05, Plg=13, Azm=107; (P) Val=-1.82, Plg=1, Azm=17; Best double couple: Mo=1.8*10**17 Nm; NP1: Strike=94, Dip=45, Slip=71; NP2: Strike=300, Dip=48, Slip=108.
													Centroid, Moment Tensor (HRV): Centroid origin time 10:12:32.5; Lat 24.98 S; Lon 71.17 W; Dep 30.0; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.27, Plg=79, Azm=1; (N) Val=-0.67, Plg=11, Azm=191; (P) Val=-1.59, Plg=2, Azm=100; Best double couple: Mo=1.9*10**17 Nm; NP1: Strike=180, Dip=44, Slip=75; NP2: Strike=21, Dip=48, Slip=104.
18	10	59	29.0?	24.92	S	71.17	W	33	N	3.7	0.6	7	OFF COAST OF NORTHERN CHILE
18	11	03	11.5	40.425	N	127.176	W	10	G	4.2	1.1	61	OFF COAST OF NORTHERN CALIFORNIA
18	11	20	26.5	22.796	N	121.425	E	59	D	4.5	1.0	41	TAIWAN REGION
18	11	50	48.1?	16.11	S	179.07	W	300	G	3.8	1.3	10	FIJI ISLANDS REGION
18	12	27	43.8?	4.49	N	129.10	E	100	G	4.2	1.3	8	NORTH OF HALMAHERA, INDONESIA
18	13	13	42.4*	10.688	S	75.210	W	50	G	3.3	1.1	9	CENTRAL PERU
18	16	27	52.2*	37.054	N	142.520	E	33	N		1.3	11	OFF EAST COAST OF HONSHU, JAPAN
18	17	14	12.8*	15.522	S	75.331	W	33	N	3.8	1.2	11	NEAR COAST OF PERU
18	17	33	23.9	2.664	N	127.276	E	100	G	4.7	1.1	34	NORTHERN MOLUCCA SEA
18	18	02	37.8	36.465	N	71.225	E	216	*	4.1	0.6	38	AFGHANISTAN-TAJIKISTAN BORD REG.
18	18	06	03.3&	60.060	N	152.610	W	87		3.2		99	SOUTHERN ALASKA. <AEIC>.
18	19	55	17.2?	37.06	N	141.67	E	10	G		0.7	6	NEAR EAST COAST OF HONSHU, JAPAN
18	20	17	44.0*	29.179	S	71.817	W	200	G		0.5	13	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN). Felt (III) at Freirina and Vallenar; (II) at Alto del Carmen.
18	20	31	59.4*	6.610	S	105.387	E	33	N	4.6	1.2	22	SUNDA STRAIT
18	21	02	36.2?	14.18	N	91.95	W	33	N	4.7	0.7	10	GUATEMALA
18	21	25	41.0&	63.174	N	150.845	W	133				101	CENTRAL ALASKA. <AEIC>.
18	21	37	28.0*	1.847	S	97.701	E	33	N	4.2	0.6	17	SOUTHWEST OF SUMATERA, INDONESIA
18	22	36	34.1&	59.800	N	151.980	W	52				53	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
19	00	07	35.8*	20.291	N	145.419	E	100	G	4.2	1.0	17	MARIANA ISLANDS
19	00	53	44.7&	60.510	N	150.760	W	40		2.7		81	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC), 3.1 (PMR).
19	01	10	58.2?	19.97	S	178.17	W	550	G		0.2	5	FIJI ISLANDS REGION
19	01	30	35.0&	44.374	N	7.100	E	5	G		0.4	9	NORTHERN ITALY. ML 2.0 (GEN).
19	02	12	44.7&	59.477	N	152.700	W	85		3.0		68	SOUTHERN ALASKA. <AEIC>.
19	02	21	30.4?	34.58	S	70.49	W	5	G		0.6	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
19	02	50	26.9	13.050	N	89.955	W	33	N	5.0 5.1	1.1	194	EL SALVADOR. Mw 5.5 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 02:50:31.1; Lat 12.84 N; Lon 90.47 W; Dep 22.6; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.09, Plg=69, Azm=62; (N) Val=0.32, Plg=12, Azm=299; (P) Val=-2.41, Plg=17, Azm=205; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=277, Dip=30, Slip=66; NP2: Strike=125, Dip=63, Slip=103.
19	03	49	25.0&	61.600	N	149.730	W	36				102	SOUTHERN ALASKA. <AEIC>. ML 3.9 (AEIC), 3.9 (PMR). Felt at Anchorage, Big Lake, Eagle River, Houston, Palmer and Wasilla.

19	03	51	55.9?	36.52	N	8.06	W	33	N		1.1	27	WEST OF GIBRALTAR. mbLg 3.2 (MDD).
19	04	43	40.9*	36.280	N	3.830	W	10	G		1.0	8	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
19	05	27	22.8*	42.142	N	15.749	E	10	G		1.4	18	ADRIATIC SEA. ML 3.1 (ROM).
19	05	35	48.9*	15.414	S	74.879	W	56	*	4.0	1.2	18	NEAR COAST OF PERU
19	05	54	40.0*	48.573	N	125.939	W	10	G		0.8	38	VANCOUVER ISLAND REGION. MD 3.0 (SEA).
19	07	51	51.2?	14.56	S	167.12	E	100	G		1.2	21	VANUATU ISLANDS
19	07	52	30.2*	5.726	S	104.995	E	50	G	4.6	0.6	10	SOUTHERN SUMATERA, INDONESIA
19	07	56	55.0&	60.070	N	152.870	W	94				54	SOUTHERN ALASKA. <AEIC>.
19	09	32	35.3?	59.88	S	27.81	W	100	G	4.2	1.5	13	SOUTH SANDWICH ISLANDS REGION
19	09	52	51.8*	36.285	N	100.979	E	33	N	3.3	1.0	15	QINGHAI, CHINA
19	09	56	11.7	7.083	N	126.757	E	100	G	5.1	0.9	75	MINDANAO, PHILIPPINE ISLANDS
19	10	13	56.6	22.093	N	142.807	E	250	G	4.4	1.0	35	VOLCANO ISLANDS REGION
19	10	35	37.5?	49.24	S	115.79	E	10	G	4.3	0.8	9	SOUTH OF AUSTRALIA
19	11	14	09.3	8.199	S	121.541	E	193	*	5.0	1.2	30	FLORES REGION, INDONESIA
19	11	33	52.8?	55.83	S	128.99	W	10	G		1.3	7	PACIFIC-ANTARCTIC RIDGE
19	12	00	52.7?	17.00	N	93.08	W	100	G	4.2	0.9	11	CHIAPAS, MEXICO
19	12	10	41.2	41.655	N	134.761	E	412		4.4	0.8	90	SEA OF JAPAN
19	12	13	59.0	39.483	N	72.060	E	50	G	4.8	0.9	40	KYRGYZSTAN
19	12	47	23.0?	55.40	S	129.47	W	10	G	4.3	1.4	10	PACIFIC-ANTARCTIC RIDGE
19	13	44	45.2*	11.991	N	88.899	W	33	N	4.5	0.9	18	OFF COAST OF CENTRAL AMERICA
19	13	46	41.9*	2.898	N	79.165	W	33	N	4.2	0.9	15	SOUTH OF PANAMA
19	15	54	23.0&	61.610	N	149.750	W	37				49	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
19	16	19	37.1&	59.570	N	153.060	W	111				58	SOUTHERN ALASKA. <AEIC>.
19	16	29	57.7	35.081	N	97.647	W	5	G		0.9	7	OKLAHOMA. mbLg 2.5 (GS). Felt (IV) at Blanchard and (II) about 2.5 km west of Blanchard.
19	16	35	36.8?	17.33	S	167.42	E	33	N	4.1	0.4	8	VANUATU ISLANDS
19	16	44	12.4%	46.890	N	145.057	E	350	G		1.1	11	SEA OF OKHOTSK
19	17	10	02.0*	47.957	N	154.051	E	33	N	3.4	0.6	8	KURIL ISLANDS
19	17	50	52.9?	5.73	S	81.68	W	33	N	3.3	0.7	6	NEAR COAST OF NORTHERN PERU
19	18	42	36.4?	2.58	N	79.14	W	33	N	3.9	1.2	11	SOUTH OF PANAMA
19	18	46	47.2%	17.962	N	67.087	W	20	G		0.4	6	MONA PASSAGE. MD 3.6 (MPR).
19	19	28	40.2*	18.304	N	146.441	E	100	G	4.5	0.8	9	MARIANA ISLANDS
19	19	48	57.0	9.681	N	126.476	E	33	N	4.6	0.8	25	MINDANAO, PHILIPPINE ISLANDS
19	19	51	40.1?	28.65	S	62.32	E	10	G		0.7	6	SOUTHWEST INDIAN RIDGE
19	19	59	18.4?	9.73	N	126.43	E	33	N	4.1	1.1	15	MINDANAO, PHILIPPINE ISLANDS
19	20	19	05.3&	62.260	N	149.710	W	53				50	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
19	20	39	00.2*	3.877	N	122.500	E	550	G	4.8	0.9	12	CELEBES SEA
19	21	41	24.3%	37.602	N	71.984	E	150	G		0.7	7	AFGHANISTAN-TAJIKISTAN BORD REG.
19	22	06	59.7?	1.62	S	120.03	E	100	G	3.5	1.1	7	SULAWESI, INDONESIA
19	22	29	04.2*	5.908	S	130.229	E	250	G	4.0	1.4	9	BANDA SEA
19	22	38	42.8*	15.253	S	75.738	W	26	D	4.3	1.3	27	NEAR COAST OF PERU
19	22	41	45.2	29.845	N	139.545	E	400	G	3.8	0.9	32	SOUTH OF HONSHU, JAPAN
19	23	13	16.1	45.713	N	9.795	E	10	G		1.1	59	NORTHERN ITALY. ML 3.3 (STR), 3.0 (LDG), 2.8 (VIE).
19	23	14	38.6?	43.03	N	147.01	E	33	N	3.9	1.5	13	KURIL ISLANDS
19	23	20	01.0%	29.406	N	51.030	E	33	N		0.7	12	SOUTHERN IRAN
19	23	28	30.9?	22.41	S	176.64	W	150	G	4.5	0.8	16	SOUTH OF FIJI ISLANDS
20	00	03	55.3?	33.38	S	71.99	W	33			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
20	00	14	59.2?	23.08	N	142.59	E	33	N	3.6	1.1	8	VOLCANO ISLANDS REGION
20	00	15	44.9?	3.07	S	137.11	E	50	G	4.2	0.7	10	IRIAN JAYA, INDONESIA
20	00	18	12.8	29.359	N	51.390	E	33	N	4.6	0.8	90	SOUTHERN IRAN
20	01	18	50.0*	39.743	N	77.411	E	76	*	3.6	0.6	11	SOUTHERN XINJIANG, CHINA
20	01	25	35.0&	40.305	N	127.343	W	21				66	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 4.1 (BRK).
20	01	43	04.7&	63.920	N	148.670	W	118				75	CENTRAL ALASKA. <AEIC>.
20	02	14	43.4	36.924	N	22.967	E	10	G	4.1	1.4	38	SOUTHERN GREECE
20	02	17	04.9&	34.378	N	118.736	W	13				29	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.8 (PAS). ML 2.8 (GS).
20	03	16	33.1?	22.57	S	178.65	W	500	G	3.8	0.6	6	SOUTH OF FIJI ISLANDS
20	03	53	22.2	5.288	S	35.828	E	10	G	5.0 4.6	1.1	55	TANZANIA. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 03:53:24.6; Lat 5.18 S; Lon 35.96 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.68, Plg=17, Azm=93; (N) Val=-1.13, Plg=56, Azm=337; (P) Val=-5.55, Plg=29, Azm=192; Best double couple: Mo=6.1*10**16 Nm; NP1: Strike=229, Dip=57, Slip=-10; NP2: Strike=325, Dip=82, Slip=-146.
20	04	13	19.2*	9.700	N	126.609	E	33	N	4.2	0.5	13	MINDANAO, PHILIPPINE ISLANDS
20	04	46	04.8?	2.28	S	149.20	E	33	N	4.5	0.4	8	NEW IRELAND REGION, P.N.G.
20	05	14	33.5?	31.34	S	69.75	W	160	G		0.5	8	SAN JUAN PROVINCE, ARGENTINA
20	05	22	45.5	36.346	N	71.529	E	150	G	4.5	0.9	61	AFGHANISTAN-TAJIKISTAN BORD REG.
20	06	11	38.6	31.006	S	116.588	E	10	G	4.5	0.6	6	WESTERN AUSTRALIA
20	06	11	58.3%	15.593	S	75.230	W	33	N		0.5	5	NEAR COAST OF PERU
20	06	12	31.4*	28.430	N	52.154	E	33	N	4.0	0.7	16	SOUTHERN IRAN
20	06	52	41.7	51.814	N	176.258	W	68		4.7	0.8	83	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.0 (PMR).
20	06	56	35.5	34.516	S	70.407	W	10	G		0.2	8	CHILE-ARGENTINA BORDER REGION
20	07	21	14.5	27.552	N	33.145	E	10	G	4.4	1.1	23	EGYPT
20	07	29	08.5?	24.07	S	179.38	E	600	G	4.1	0.6	13	SOUTH OF FIJI ISLANDS
20	08	08	59.9*	38.859	N	41.090	E	10	G	4.3	1.3	24	TURKEY. Felt in Bingol.
20	08	41	28.2*	35.758	N	141.201	E	33	N		1.4	16	NEAR EAST COAST OF HONSHU, JAPAN
20	09	25	50.7?	2.24	S	77.89	W	100	G	3.7	1.2	8	PERU-ECUADOR BORDER REGION
20	09	26	13.8?	32.99	N	131.87	E	33	N		0.2	4	KYUSHU, JAPAN
20	09	55	04.3*	36.351	N	70.477	E	200	G	3.2	1.4	15	HINDU KUSH REGION, AFGHANISTAN
20	10	04	23.0	23.944	S	66.713	W	199	*	4.4	0.9	38	JUJUY PROVINCE, ARGENTINA
20	10	28	18.5*	54.718	N	161.372	E	33	N	3.9	0.9	21	NEAR EAST COAST OF KAMCHATKA
20	10	38	29.8	43.913	N	10.025	E	10	G		1.1	13	CENTRAL ITALY. ML 2.4 (LDG), 1.9 (GEN).
20	10	50	08.5*	23.205	N	121.716	E	33	N		0.4	7	TAIWAN
20	11	06	29.5	33.068	N	141.063	E	33	N	4.4	0.8	13	OFF EAST COAST OF HONSHU, JAPAN
20	11	40	37.0?	31.15	N	140.60	E	81	*		1.1	6	SOUTH OF HONSHU, JAPAN
20	11	59	43.9?	2.27	N	126.59	E	73	*	4.2	0.6	8	NORTHERN MOLUCCA SEA
20	13	00	32.9%	33.709	S	70.083	W	.5	G		0.4	5	CHILE-ARGENTINA BORDER REGION
20	14	54	07.3*	8.038	S	116.519	E	182	*	4.2	1.0	18	SUMBAWA REGION, INDONESIA
20	16	05	38.2*	27.743	S	65.658	E	10	G		0.6	7	SOUTH INDIAN OCEAN
20	17	02	27.0*	41.566	N	44.688	E	33	N	3.6	1.1	11	NORTHWESTERN CAUCASUS
20	17	12	46.7%	46.561	N	0.483	E	10	G		1.2	15	FRANCE. ML 2.3 (LDG).
20	17	53	59.9*	36.487	N	70.953	E	237	*		0.9	13	HINDU KUSH REGION, AFGHANISTAN

20	19	10	37.9?	71.60	N	2.70	W	10	G			0.4	5	JAN MAYEN ISLAND REGION
20	19	24	12.9*	16.028	S	172.987	W	33	N	4.7		1.0	18	SAMOA ISLANDS REGION
20	20	01	09.9*	39.574	N	73.779	E	33	N			0.7	8	TAJIKISTAN-XINJIANG BORDER REG.
20	20	19	49.2?	2.66	S	15.15	W	10	G			0.8	5	NORTH OF ASCENSION ISLAND
20	22	05	32.7?	51.36	N	16.06	E	5	G			0.9	7	POLAND. ML 2.9 (MOX), 2.3 (CLL).
20	22	34	50.9?	4.08	S	141.26	E	100	G	4.7		0.8	9	NEW GUINEA, PAPUA NEW GUINEA
20	23	27	08.9?	5.07	S	151.76	E	33	N	4.1		0.5	6	NEW BRITAIN REGION, P.N.G.
20	23	32	52.5?	16.31	S	177.82	E	33	N	3.9		0.8	11	FIJI ISLANDS
21	00	33	14.5	28.181	N	130.175	E	33	N	3.5		1.1	21	RYUKYU ISLANDS
21	01	06	48.9*	28.285	N	55.547	E	33	N	3.9		0.8	14	SOUTHERN IRAN
21	01	28	23.2*	32.486	N	138.581	E	300	G	3.7		1.0	24	SOUTH OF HONSHU, JAPAN
21	01	28	45.2	36.025	N	139.767	E	45	D	5.7	4.8	0.9	284	EASTERN HONSHU, JAPAN. Mw 5.5 (GS), 5.5 (HRV). Me 5.1 (GS). One person slightly injured at Kanuma. Felt (V JMA) at Mashiko and Nikko; (IV JMA) at Kumagaya, Mito, Tochigi and Utsunomiya; (III JMA) at Iwaki, Koriyama, Narita, Omiya, Tokyo, Tsuchiura, Urawa and Yokohama. Broadband Source Parameters (GS): Dep 50; NP1: Strike=250, Dip=30, Slip=90; NP2: Strike=70, Dip=60, Slip=90; Radiated energy 9.6*10**11 Nm. Moment Tensor (GS): Dep 48; Principal axes (scale 10**17 Nm): (T) Val=2.25, Plg=74, Azm=307; (N) Val=-0.56, Plg=10, Azm=74; (P) Val=-1.69, Plg=12, Azm=166; Best double couple: Mo=2.0*10**17 Nm; NP1: Strike=269, Dip=34, Slip=107; NP2: Strike=68, Dip=58, Slip=79. Centroid, Moment Tensor (HRV): Centroid origin time 01:28:50.5; Lat 36.05 N; Lon 139.87 E; Dep 60.0; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.19, Plg=66, Azm=296; (N) Val=-0.13, Plg=10, Azm=50; (P) Val=-2.06, Plg=21, Azm=144; Best double couple: Mo=2.1*10**17 Nm; NP1: Strike=252, Dip=25, Slip=114; NP2: Strike=46, Dip=67, Slip=79.
21	01	47	56.8	52.417	N	159.358	E	33	N	4.4		1.2	40	OFF EAST COAST OF KAMCHATKA
21	02	06	54.4&	47.760	N	3.924	E	10	G			0.8	15	FRANCE. ML 2.5 (LDG).
21	02	52	33.3?	5.65	N	126.83	E	250	G			0.8	5	MINDANAO, PHILIPPINE ISLANDS
21	03	32	05.2?	30.53	N	50.56	E	50	G			1.4	11	NORTHERN IRAN
21	04	57	06.3?	34.17	S	72.45	W	20	G			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
21	05	14	44.5	10.541	S	113.526	E	33	N	4.5		0.8	15	SOUTH OF JAWA, INDONESIA
21	05	23	18.2?	32.23	S	71.36	W	50	G			0.2	6	NEAR COAST OF CENTRAL CHILE
21	05	59	13.4?	15.28	N	96.29	W	33	N	4.1		0.9	9	NEAR COAST OF OAXACA, MEXICO
21	06	23	26.8	35.962	N	139.951	E	59				0.8	16	NEAR S. COAST OF HONSHU, JAPAN
21	06	32	01.5&	36.186	N	139.779	E	10	G			0.9	5	EASTERN HONSHU, JAPAN
21	06	37	41.6?	32.62	S	72.08	W	20	G			0.3	8	OFF COAST OF CENTRAL CHILE. MD 3.5 (SAN).
21	07	58	10.4&	60.030	N	153.100	W	0		2.9			68	SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.5 (PMR).
21	07	59	22.0*	37.964	N	72.742	E	150	G	3.0		0.9	17	TAJIKISTAN
21	08	34	03.7*	5.215	S	35.545	E	10	G	4.8		1.2	21	TANZANIA
21	08	39	39.7	30.704	N	99.637	E	10	G	5.2	5.0	1.4	32	SICHUAN, CHINA. Mw 5.4 (HRV). Some damage at Batang. Felt at Baiyu and Xinlong. Centroid, Moment Tensor (HRV): Centroid origin time 08:39:49.0; Lat 30.67 N; Lon 99.90 E; Dep 15.0 Fix; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.25, Plg=5, Azm=342; (N) Val=0.62, Plg=67, Azm=83; (P) Val=-1.88, Plg=22, Azm=250; Best double couple: Mo=1.6*10**17 Nm; NP1: Strike=28, Dip=71, Slip=-167; NP2: Strike=294, Dip=78, Slip=-19.
21	08	46	01.0	40.039	N	13.023	E	488	D	4.9		1.1	285	TYRRHENIAN SEA
21	09	15	14.1*	34.207	N	37.107	W	10	G	3.6		1.2	13	NORTHERN MID-ATLANTIC RIDGE
21	09	27	21.6*	22.367	S	70.151	W	33	N	4.3		1.4	15	NEAR COAST OF NORTHERN CHILE
21	09	30	56.6*	0.006	S	16.923	W	10	G	4.0		1.1	13	NORTH OF ASCENSION ISLAND
21	10	20	55.9*	44.101	N	149.353	E	33	N	3.7		1.0	22	KURIL ISLANDS
21	11	15	24.0	11.417	N	86.722	W	33	N	5.1	4.8	1.3	77	NEAR COAST OF NICARAGUA. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 11:15:31.1; Lat 11.28 N; Lon 87.05 W; Dep 42.0; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.17, Plg=72, Azm=63; (N) Val=0.08, Plg=7, Azm=311; (P) Val=-1.26, Plg=16, Azm=219; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=299, Dip=30, Slip=76; NP2: Strike=135, Dip=61, Slip=98.
21	11	18	01.3?	31.15	S	69.11	W	200	G			0.4	10	SAN JUAN PROVINCE, ARGENTINA. MD 3.4 (SAN).
21	11	41	32.7*	43.644	N	149.459	E	33	N			1.0	9	EAST OF KURIL ISLANDS
21	11	51	48.9?	35.92	N	25.14	E	33	N	3.2		0.9	6	CRETE
21	11	55	09.0*	55.216	N	164.755	E	42	D	3.6		1.0	14	KOMANDORSKY ISLANDS REGION
21	12	45	48.7*	1.857	N	127.554	E	150	G	4.7		0.8	12	HALMAHERA, INDONESIA
21	13	03	14.8&	63.260	N	151.120	W	12					27	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 2.9 (PMR).
21	13	52	18.7*	5.600	S	151.656	E	33	N	4.6		0.4	10	NEW BRITAIN REGION, P.N.G.
21	13	52	19.0?	26.06	N	58.88	E	33	N			1.3	8	SOUTHERN IRAN
21	14	22	27.2	36.364	N	70.559	E	174	D	4.7		0.7	98	HINDU KUSH REGION, AFGHANISTAN. Felt at Islamabad, Pakistan.
21	15	20	47.9*	18.867	N	145.752	E	231	?	4.1		1.1	16	MARIANA ISLANDS
21	16	00	57.4*	8.840	S	125.652	E	33	N	4.3		1.4	9	TIMOR REGION, INDONESIA
21	16	05	20.4*	24.838	N	122.889	E	122	D	4.0		1.2	15	TAIWAN REGION
21	16	15	44.3?	5.54	S	149.84	E	200	G			0.4	5	NEW BRITAIN REGION, P.N.G.
21	16	27	18.8*	15.923	S	173.537	W	33	N	4.5		1.0	30	TONGA ISLANDS
21	16	36	03.9?	9.80	N	126.16	E	200	G	4.5		1.2	9	MINDANAO, PHILIPPINE ISLANDS
21	17	01	49.9&	62.180	N	149.410	W	46					29	CENTRAL ALASKA. <AEIC>. ML 3.2 (AEIC), 3.2 (PMR).
21	17	47	39.6*	36.382	N	70.456	E	150	G	3.6		1.0	19	HINDU KUSH REGION, AFGHANISTAN
21	17	51	06.3	20.337	N	100.469	E	33	N	4.7	4.6	1.4	38	SOUTHEAST ASIA
21	19	14	20.8	4.032	N	126.460	E	33	N	5.0	4.8	1.0	48	TALAUD ISLANDS, INDONESIA. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 19:14:29.0; Lat 4.17 N; Lon 126.90 E; Dep 40.9; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.50, Plg=78, Azm=235; (N) Val=1.60, Plg=10, Azm=21; (P) Val=-7.09, Plg=6, Azm=112; Best double couple: Mo=6.3*10**16 Nm; NP1: Strike=213, Dip=40, Slip=106; NP2: Strike=13, Dip=52, Slip=77.

21	20	15	08.9?	31.70	S	69.93	W	150	G		0.4	8	SAN JUAN PROVINCE, ARGENTINA. MD 2.6 (SAN).
21	21	04	20.2*	12.720	N	143.645	E	153	*		0.9	9	SOUTH OF MARIANA ISLANDS
21	21	13	40.6&	33.024	S	70.930	W	70	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.3 (SAN).
21	21	40	35.1?	36.36	N	141.81	E	10	G		0.5	6	NEAR EAST COAST OF HONSHU, JAPAN
21	22	13	13.9?	23.12	S	169.45	E	33	N		0.9	8	LOYALTY ISLANDS REGION
21	22	31	12.3?	25.07	S	179.96	E	500	G	4.2	0.8	9	SOUTH OF FIJI ISLANDS
21	22	38	46.6*	24.257	N	125.333	E	33	N		1.2	13	SOUTHWESTERN RYUKYU ISLANDS
21	22	46	40.8*	43.634	N	146.734	E	33	N	3.5	1.4	13	KURIL ISLANDS
21	23	13	33.7*	27.634	N	56.698	E	26	D	4.3	1.3	21	SOUTHERN IRAN
21	23	39	32.0*	22.601	S	175.303	W	100	G	4.7	1.2	24	TONGA ISLANDS REGION
22	00	16	01.4	34.129	N	37.140	W	10	G	4.3	0.8	19	NORTHERN MID-ATLANTIC RIDGE
22	00	34	49.4*	34.222	N	37.129	W	10	G	3.7	0.9	22	NORTHERN MID-ATLANTIC RIDGE
22	00	42	41.3?	32.95	S	179.21	W	33	N	4.7	0.6	10	SOUTH OF KERMADEC ISLANDS
22	01	09	08.4*	43.035	N	144.863	E	82	*		1.0	20	HOKKAIDO, JAPAN REGION
22	01	21	40.9&	60.090	N	153.190	W	125		3.3		22	SOUTHERN ALASKA. <AEIC>.
22	02	30	33.5*	32.071	N	141.738	E	33	N	4.0	1.2	9	SOUTH OF HONSHU, JAPAN
22	02	32	00.4?	0.54	N	97.96	E	33	N		0.8	7	NORTHERN SUMATERA, INDONESIA
22	02	34	19.2	40.919	N	21.136	E	57		3.6	0.8	32	GREECE. Felt (V) in the Bitola area, former Yugoslav Republic of Macedonia.
22	02	43	56.1	3.933	S	126.172	E	50	G	4.9	1.1	35	BURU, INDONESIA
22	02	48	11.3*	16.012	N	147.525	E	33	N	3.8	1.0	21	MARIANA ISLANDS REGION
22	03	17	36.7&	59.470	N	153.730	W	15				41	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).
22	03	19	23.9?	45.74	S	34.30	E	10	G		1.0	7	PRINCE EDWARD ISLANDS REGION
22	03	24	23.8?	51.99	N	158.99	E	33	N		1.2	9	NEAR EAST COAST OF KAMCHATKA
22	03	30	35.4*	54.713	N	159.974	E	100	G	3.4	1.2	14	NEAR EAST COAST OF KAMCHATKA
22	03	41	29.7&	63.020	N	149.850	W	93				13	CENTRAL ALASKA. <AEIC>.
22	03	49	40.1*	46.207	N	13.307	E	10	G		1.5	10	AUSTRIA. ML 3.1 (FUR), 3.1 (GRF), 2.9 (VIE). MD 3.1 (LJU). Felt (III) in the Kobarid, Soca and Tolmin areas, Slovenia.
22	03	50	39.5*	1.994	N	127.509	E	33	N	4.3	0.9	12	HALMAHERA, INDONESIA
22	04	35	55.8?	56.50	S	146.66	E	10	G		1.1	5	WEST OF MACQUARIE ISLAND
22	04	44	34.6	35.272	N	23.177	E	33	N	3.8	1.0	43	CRETE
22	05	11	43.0&	44.718	N	6.784	E	10	G		0.2	7	FRANCE. ML 2.1 (GEN).
22	05	23	32.4&	33.244	N	119.161	W	6	G			19	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.9 (PAS).
22	05	30	23.7?	3.91	S	152.19	E	33	N	4.2	1.1	8	NEW IRELAND REGION, P.N.G.
22	05	56	17.2&	39.200	N	76.900	W	5	G			4	CHESAPEAKE BAY REGION. <MACRO>. MD 2.3 (NED). Felt in the Columbia, Maryland area.
22	06	02	37.3*	34.338	N	141.474	E	33	N		0.9	10	OFF EAST COAST OF HONSHU, JAPAN
22	06	10	29.1?	65.33	N	134.60	W	10	G		1.5	6	NORTHERN YUKON TERRITORY, CANADA
22	06	21	29.7*	19.048	N	145.251	E	600	G	4.3	0.8	13	MARIANA ISLANDS
22	06	28	18.5&	33.438	S	70.232	W	100	G		0.2	8	CHILE-ARGENTINA BORDER REGION. MD 2.3 (SAN).
22	06	29	12.8*	36.695	N	71.232	E	250	G		0.7	10	AFGHANISTAN-TAJIKISTAN BORD REG.
22	06	29	44.3*	53.396	N	143.143	E	10	G		1.6	10	SAKHALIN ISLAND
22	06	42	20.8	53.397	N	158.073	E	150	G	4.2	0.9	44	NEAR EAST COAST OF KAMCHATKA
22	07	08	26.8&	63.280	N	151.110	W	14				18	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 3.0 (PMR).
22	07	14	44.8*	28.501	N	143.656	E	33	N	4.4	1.0	8	BONIN ISLANDS REGION
22	08	01	08.3*	34.628	N	141.185	E	33	N		0.8	12	OFF EAST COAST OF HONSHU, JAPAN
22	09	24	12.8*	52.437	N	176.506	E	33	N	4.1	1.3	13	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.0 (PMR).
22	10	56	54.3?	21.44	N	144.04	E	33	N	3.7	1.0	10	MARIANA ISLANDS REGION
22	11	22	10.3&	35.543	N	78.348	E	33	N		0.2	7	EASTERN KASHMIR
22	11	43	04.0	51.625	N	16.203	E	10	G		0.7	11	POLAND. ML 2.5 (MOX).
22	12	18	55.6?	55.16	S	131.51	W	10	G		0.5	6	PACIFIC-ANTARCTIC RIDGE
22	13	17	29.8	34.980	N	28.472	E	10	G	4.1	0.9	47	EASTERN MEDITERRANEAN SEA
22	13	29	49.5	42.412	N	126.747	W	10	G	3.8	0.9	36	OFF COAST OF OREGON
22	13	41	49.6&	61.080	N	148.310	W	31				13	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
22	13	47	02.0*	38.099	N	76.696	E	50	G	3.6	0.9	11	SOUTHERN XINJIANG, CHINA
22	14	11	38.2*	34.411	N	37.399	W	10	G		0.8	11	NORTHERN MID-ATLANTIC RIDGE
22	14	42	42.8*	51.220	N	15.733	E	10	G		1.0	5	POLAND. ML 2.5 (MOX).
22	14	53	27.6	43.207	N	138.920	E	227	D	6.0	0.9	442	EASTERN SEA OF JAPAN. Mw 6.5 (GS), 6.5 (HRV). Me 6.5 (GS). mb 6.3 (BRK). Broadband Source Parameters (GS): Dep 227; NP1: Strike=120, Dip=30, Slip=-45; NP2: Strike=251, Dip=69, Slip=-112; Radiated energy 1.2*10**14 Nm. Two events about 2.5 seconds apart. Depth based on first event. Moment Tensor (GS): Dep 230; Principal axes (scale 10**18 Nm): (T) Val=6.55, Plg=26, Azm=1; (N) Val=0.00, Plg=22, Azm=259; (P) Val=-6.55, Plg=54, Azm=135; Best double couple: Mo=6.6*10**18 Nm; NP1: Strike=131, Dip=27, Slip=-35; NP2: Strike=253, Dip=75, Slip=-113. Centroid, Moment Tensor (HRV): Centroid origin time 14:53:32.5; Lat 43.29 N; Lon 138.78 E; Dep 244.7; Half-duration 4.3 sec; Principal axes (scale 10**18 Nm): (T) Val=6.83, Plg=26, Azm=2; (N) Val=-0.07, Plg=21, Azm=262; (P) Val=-6.76, Plg=56, Azm=138; Best double couple: Mo=6.8*10**18 Nm; NP1: Strike=131, Dip=27, Slip=-38; NP2: Strike=255, Dip=74, Slip=-112.
22	15	29	17.8&	3.112	N	126.304	E	33	N		0.9	11	TALAUD ISLANDS, INDONESIA
22	15	47	32.8?	34.88	S	70.97	W	100	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
22	16	45	06.8?	7.86	S	123.63	E	100	G	4.4	0.8	10	BANDA SEA
22	17	57	18.4	44.697	N	10.676	E	10	G		1.0	35	NORTHERN ITALY. ML 3.2 (VIE), 3.0 (LDG).
22	18	39	15.1&	44.505	N	7.270	E	10	G		0.3	6	NORTHERN ITALY. ML 1.9 (GEN).
22	19	21	44.8*	39.844	S	175.721	E	79	D	4.7	0.9	19	NORTH ISLAND, NEW ZEALAND
22	20	13	53.5?	32.22	N	65.45	W	10	G	4.4	1.0	12	NORTH ATLANTIC OCEAN. Felt on Bermuda.
22	20	45	56.1	31.249	N	70.184	E	33	N	4.8	1.1	68	PAKISTAN
22	20	59	37.0?	32.45	S	71.67	W	5	G		0.5	8	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
22	21	30	58.2?	32.65	S	70.07	W	115	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
22	21	45	45.0	28.753	N	81.599	E	33	N	3.6	1.1	18	NEPAL-INDIA BORDER REGION
22	22	16	41.6	45.860	N	150.497	E	98	*	5.0	0.8	131	KURIL ISLANDS
22	23	03	20.9*	2.956	S	133.166	E	33	N	3.8	1.0	7	IRIAN JAYA REGION, INDONESIA
22	23	48	43.4&	44.414	N	7.274	E	10	G		0.1	6	NORTHERN ITALY. ML 1.7 (GEN).
23	00	28	44.9	22.682	S	175.320	W	10	G	5.2 5.6	1.1	93	TONGA ISLANDS REGION. Mw 5.8 (HRV), 5.7 (GS). Moment Tensor (GS): Dep 5; Principal axes (scale 10**17 Nm): (T) Val=4.51, Plg=50, Azm=280; (N) Val=-0.13, Plg=18, Azm=33; (P) Val=-4.38, Plg=35, Azm=136; Best double couple:

													Mo=4.4*10**17 Nm; NP1: Strike=278, Dip=20, Slip=156; NP2: Strike=30, Dip=82, Slip=71. Centroid, Moment Tensor (HRV): Centroid origin time 00:28:48.7; Lat 23.07 S; Lon 174.14 W; Dep 15.0 Fix; Half-duration 1.7 sec; Principal axes (scale 10**17 Nm): (T) Val=4.76, Plg=62, Azm=304; (N) Val=0.68, Plg=3, Azm=208; (P) Val=-5.44, Plg=28, Azm=116; Best double couple: Mo=5.1*10**17 Nm; NP1: Strike=197, Dip=17, Slip=78; NP2: Strike=29, Dip=73, Slip=94. Scalar Moment (PPT): Mo=5.5*10**17 Nm.
23	01	21	17.6*	27.631	N	55.289	E	33	N			1.1	18	SOUTHERN IRAN
23	01	44	07.0?	0.35	N	79.64	W	33	N	3.3		1.1	7	NEAR COAST OF ECUADOR
23	02	15	42.6?	31.88	S	70.20	W	120	G			0.2	8	CHILE-ARGENTINA BORDER REGION
23	03	04	26.6?	22.19	S	176.91	W	33	N	4.4		0.6	8	SOUTH OF FIJI ISLANDS
23	03	22	27.1?	11.01	N	62.11	W	80	G			0.2	5	WINDWARD ISLANDS. MD 2.9 (TRN).
23	03	30	18.9?	16.79	S	177.70	W	33	N	4.7		1.1	10	FIJI ISLANDS REGION
23	03	52	20.3	17.050	N	85.007	W	27	D	4.5	4.2	0.9	46	CARIBBEAN SEA
23	04	04	35.4	35.575	N	78.231	E	33	N	3.6		0.9	18	EASTERN KASHMIR
23	04	08	15.9&	63.360	N	145.280	W	7					72	CENTRAL ALASKA. <AEIC>. ML 3.7 (AEIC), 3.9 (PMR).
23	04	20	23.4?	29.80	S	178.36	W	170	D	4.4		1.4	22	KERMADEC ISLANDS, NEW ZEALAND
23	05	10	41.8	71.432	N	9.225	W	10	G	4.2		1.4	27	JAN MAYEN ISLAND REGION
23	05	51	26.2	34.307	N	37.282	W	10	G	5.1	5.3	1.1	185	NORTHERN MID-ATLANTIC RIDGE. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 05:51:30.0; Lat 34.42 N; Lon 36.91 W; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.38, Plg=72, Azm=87; (N) Val=0.21, Plg=8, Azm=202; (P) Val=-1.59, Plg=16, Azm=295; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=36, Dip=30, Slip=106; NP2: Strike=198, Dip=61, Slip=81.
23	05	59	14.0?	48.81	S	8.28	W	10	G			1.3	13	SOUTHERN MID-ATLANTIC RIDGE
23	06	36	58.5?	34.30	N	37.16	W	10	G	3.5		0.5	7	NORTHERN MID-ATLANTIC RIDGE
23	06	43	42.6&	60.650	N	150.110	W	38					53	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
23	08	53	12.4*	27.517	N	33.885	E	10	G			0.9	13	EGYPT. ML 4.5 (JER).
23	09	26	28.8?	11.79	N	86.15	W	33	N	3.5		0.7	6	NEAR COAST OF NICARAGUA
23	09	29	38.1?	52.40	N	151.20	E	600	G	3.4		0.7	5	SEA OF OKHOTSK
23	09	39	30.8?	26.83	N	91.55	E	33	N			1.3	13	NORTHEASTERN INDIA
23	09	44	35.8*	6.875	S	129.939	E	200	G	4.4		1.2	9	BANDA SEA
23	10	20	32.7	34.355	N	37.272	W	10	G	5.0	4.5	1.0	82	NORTHERN MID-ATLANTIC RIDGE
23	10	28	10.4*	9.972	N	125.658	E	100	G	4.4		0.9	16	MINDANAO, PHILIPPINE ISLANDS
23	11	27	24.7?	7.30	S	76.59	W	33	N			1.3	6	NORTHERN PERU
23	11	28	45.7*	36.389	N	70.393	E	224	*			0.5	11	HINDU KUSH REGION, AFGHANISTAN
23	11	45	09.9*	15.570	S	71.695	W	100	G	4.0		1.3	13	SOUTHERN PERU
23	12	16	00.1?	1.27	N	30.29	E	33	N	4.4		1.1	12	UGANDA
23	13	00	03.1*	6.355	S	130.620	E	33	N	4.4		1.3	14	BANDA SEA
23	13	47	38.7	42.912	N	17.843	E	10	G			1.0	31	ADRIATIC SEA. ML 3.3 (ROM).
23	14	31	55.8?	32.54	S	71.63	W	20	G			0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
23	14	50	52.5*	4.731	S	103.212	E	87	*	4.4		0.5	21	SOUTHERN SUMATERA, INDONESIA
23	15	21	47.4*	19.719	S	177.710	W	550	G	4.4		0.8	18	FIJI ISLANDS REGION
23	15	42	21.7	42.767	N	17.598	E	10	G			1.1	21	ADRIATIC SEA
23	15	47	31.2	34.190	N	37.241	W	10	G	4.6	4.1	1.0	35	NORTHERN MID-ATLANTIC RIDGE
23	15	58	58.3*	36.301	N	139.776	E	33	N			0.2	5	EASTERN HONSHU, JAPAN
23	16	22	00.2?	8.64	S	128.46	E	33	N	3.5		0.9	6	TIMOR SEA
23	16	51	07.9*	34.336	N	37.186	W	10	G	3.5		0.8	9	NORTHERN MID-ATLANTIC RIDGE
23	17	04	18.5*	36.108	N	139.905	E	33	N			0.5	5	EASTERN HONSHU, JAPAN
23	17	22	52.6?	22.83	N	144.38	E	33	N			1.1	6	VOLCANO ISLANDS REGION
23	17	27	27.5&	44.412	N	7.307	E	10	G			0.2	8	NORTHERN ITALY. ML 1.8 (GEN).
23	17	41	44.6?	17.13	S	179.17	W	500	G	4.1		0.4	8	FIJI ISLANDS REGION
23	18	25	11.6&	20.014	N	143.574	E	33	N			0.9	7	MARIANA ISLANDS REGION
23	18	31	46.0	4.954	S	151.141	E	201	D	5.3		0.8	81	NEW BRITAIN REGION, P.N.G. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 18:31:50.4; Lat 5.02 S; Lon 150.88 E; Dep 198.9; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.36, Plg=29, Azm=278; (N) Val=0.23, Plg=38, Azm=34; (P) Val=-1.59, Plg=39, Azm=162; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=316, Dip=39, Slip=-171; NP2: Strike=218, Dip=84, Slip=-52.
23	18	32	16.0?	32.51	S	71.97	W	10	G			0.3	9	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
23	19	29	46.9*	7.424	S	128.888	E	200	G	4.4		1.3	18	BANDA SEA
23	19	55	34.6?	28.20	N	143.48	E	33	N	4.6		1.5	16	BONIN ISLANDS REGION
23	20	04	04.4&	56.980	N	155.530	W	68		4.4			124	ALASKA PENINSULA. <AEIC>. ML 4.1 (AEIC), 4.1 (PMR).
23	21	23	49.8	38.669	N	119.435	W	5	G			1.0	50	CALIFORNIA-NEVADA BORDER REGION. ML 3.1 (GS), 3.4 (BRK). MD 3.3 (GM).
23	21	52	18.8*	32.403	N	76.892	E	33	N	3.8		0.9	7	KASHMIR-INDIA BORDER REGION
23	21	54	55.9?	34.89	S	108.01	W	10	G	4.4		1.1	7	SOUTHERN EAST PACIFIC RISE
23	21	59	47.0	36.886	N	138.632	E	178		4.3		1.1	29	EASTERN HONSHU, JAPAN
23	22	27	21.3&	32.753	S	71.245	W	40	G			0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
23	23	16	16.6&	63.350	N	145.300	W	9		2.6			21	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
23	23	21	04.2	10.425	N	56.910	E	10	G	4.8		0.8	47	CARLSBERG RIDGE
23	23	28	51.0*	36.810	N	71.368	E	132	?	3.2		1.0	15	AFGHANISTAN-TAJIKISTAN BORD REG.
23	23	29	04.6*	8.516	S	112.593	E	100	G			0.6	9	JAWA, INDONESIA
24	00	32	37.4*	36.310	N	70.966	E	179	*	3.7		0.8	18	HINDU KUSH REGION, AFGHANISTAN
24	01	21	13.9?	21.89	S	179.57	W	600	G			0.2	6	FIJI ISLANDS REGION
24	01	24	11.5?	33.13	S	72.01	W	20	G			0.5	10	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
24	02	00	12.7?	41.63	S	76.22	W	33	N			0.6	10	OFF COAST OF SOUTHERN CHILE
24	02	16	45.6?	31.42	S	69.74	W	170	G			0.3	10	SAN JUAN PROVINCE, ARGENTINA
24	03	00	29.4&	45.982	N	6.173	E	5	G			0.5	8	FRANCE. ML 2.2 (LDG).
24	03	05	47.0	36.364	N	71.361	E	150	G	3.9		0.6	16	AFGHANISTAN-TAJIKISTAN BORD REG.
24	03	18	11.4&	33.107	S	72.036	W	15	G			0.4	10	OFF COAST OF CENTRAL CHILE
24	04	06	16.8?	33.12	S	72.03	W	20	G			0.5	10	OFF COAST OF CENTRAL CHILE
24	04	18	49.4*	5.713	S	148.024	E	102	*	4.6		1.4	16	NEW BRITAIN REGION, P.N.G.
24	04	28	14.2&	45.560	N	6.351	E	5	G			0.7	12	FRANCE. ML 2.0 (LDG).
24	04	38	25.9	52.719	N	152.574	E	550	G	4.8		0.8	25	NORTHWEST OF KURIL ISLANDS
24	04	40	12.5*	0.358	N	120.381	E	100	G	4.6		1.1	31	MINAHASSA PENINSULA, SULAWESI

24	04	43	34.9?	22.04	S	175.13	W	33	N	4.3		0.7	14	TONGA ISLANDS REGION
24	04	55	53.0&	33.387	S	71.919	W	20	G			0.3	10	NEAR COAST OF CENTRAL CHILE
24	05	11	13.0?	34.92	S	179.79	E	33	N	4.2		0.3	6	SOUTH OF KERMADEC ISLANDS
24	05	25	46.6&	59.680	N	153.010	W	107					36	SOUTHERN ALASKA. <AEIC>.
24	06	02	02.8	45.402	N	9.407	E	10	G			0.9	42	NORTHERN ITALY. ML 2.8 (LDG), 2.6 (VIE).
24	06	20	19.5&	33.382	S	71.984	W	20	G			0.3	10	NEAR COAST OF CENTRAL CHILE
24	06	28	34.6	34.296	N	36.986	W	10	G	4.6		0.8	58	NORTHERN MID-ATLANTIC RIDGE
24	06	29	14.1	34.270	N	36.996	W	10	G	5.0	5.3	0.9	135	NORTHERN MID-ATLANTIC RIDGE. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 06:29:19.2; Lat 34.37 N; Lon 36.90 W; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.04, Plg=60, Azm=234; (N) Val=0.29, Plg=29, Azm=41; (P) Val=-1.34, Plg=6, Azm=134; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=252, Dip=47, Slip=132; NP2: Strike=19, Dip=57, Slip=55.
24	06	30	01.1&	66.283	N	147.791	W	20	G				20	NORTHERN ALASKA. <AEIC>. ML 3.4 (AEIC).
24	06	40	56.4?	1.25	S	13.39	W	10	G			1.5	9	NORTH OF ASCENSION ISLAND
24	06	43	09.9&	60.870	N	151.700	W	74					20	KENAI PENINSULA, ALASKA. <AEIC>.
24	06	43	28.8	34.259	N	36.990	W	10	G	4.6		0.8	36	NORTHERN MID-ATLANTIC RIDGE
24	06	50	22.4?	6.95	S	153.31	E	33	N	4.1		1.1	8	NEW BRITAIN REGION, P.N.G.
24	07	26	50.0*	2.087	S	137.323	E	33	N	4.4		1.2	14	IRIAN JAYA, INDONESIA
24	07	37	57.4*	38.126	N	74.158	E	180	D	3.0		0.9	11	TAJIKISTAN-XINJIANG BORDER REG.
24	08	29	35.0?	6.67	S	154.26	E	33	N	3.5		1.2	6	SOLOMON ISLANDS
24	08	49	14.0&	61.480	N	146.450	W	20					84	SOUTHERN ALASKA. <AEIC>. ML 3.7 (AEIC), 3.7 (PMR).
24	09	10	52.7&	60.110	N	153.290	W	160		2.8			27	SOUTHERN ALASKA. <AEIC>.
24	09	24	00.0&	36.785	N	5.501	W	10	G			0.4	7	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
24	09	26	14.8&	36.768	N	5.348	W	10	G			0.6	6	STRAIT OF GIBRALTAR
24	09	48	03.4&	37.187	N	71.689	E	111	D			1.1	9	AFGHANISTAN-TAJIKISTAN BORD REG.
24	11	26	46.3	44.680	N	10.292	E	10	G			1.0	60	NORTHERN ITALY. ML 3.5 (LDG), 3.5 (VIE).
24	11	56	45.5	51.525	N	16.599	E	10	G			0.9	12	POLAND. ML 3.5 (VIE).
24	12	40	39.4	52.206	N	130.959	W	10	G	3.8		1.1	26	QUEEN CHARLOTTE ISLANDS REGION
24	13	07	59.6?	1.05	N	98.19	E	33	N			0.3	6	NORTHERN SUMATERA, INDONESIA
24	13	33	59.9	17.242	S	175.238	W	295	D	4.7		1.0	49	TONGA ISLANDS
24	13	41	57.4*	5.412	S	147.004	E	200	G	4.9		1.1	21	EASTERN NEW GUINEA REG., P.N.G.
24	13	46	43.8*	71.535	N	8.792	W	10	G	2.9		0.9	5	JAN MAYEN ISLAND REGION
24	14	08	12.0	24.849	N	126.460	E	33	N	4.7	4.3	1.3	41	RYUKYU ISLANDS
24	14	31	32.1*	17.100	S	179.334	W	600	G	4.5		1.0	15	FIJI ISLANDS REGION
24	14	34	14.5?	11.73	N	87.49	W	33	N	4.4		1.4	20	NEAR COAST OF NICARAGUA
24	15	04	50.8*	34.316	N	37.301	W	10	G	4.3		0.9	22	NORTHERN MID-ATLANTIC RIDGE
24	15	13	09.2?	17.80	S	175.10	W	200	G	4.4		1.0	20	TONGA ISLANDS
24	15	15	02.4*	32.996	N	138.171	E	350	G			1.0	9	SOUTH OF HONSHU, JAPAN
24	17	06	30.2?	55.92	S	147.38	E	10	G	4.3		1.1	7	WEST OF MACQUARIE ISLAND
24	17	36	44.3?	31.63	S	69.74	W	170	G			0.3	10	SAN JUAN PROVINCE, ARGENTINA. MD 2.8 (SAN).
24	18	16	09.5?	31.77	S	69.65	W	140	G			0.1	8	SAN JUAN PROVINCE, ARGENTINA. MD 2.9 (SAN).
24	18	44	36.4?	25.56	S	179.37	E	600	G	4.3		1.2	13	SOUTH OF FIJI ISLANDS
24	19	15	55.1	42.776	N	78.179	E	33	N	3.5		0.9	18	LAKE ISSYK-KUL REGION. Felt (II) at Almaty, Kazakhstan.
24	19	34	50.7*	34.333	N	37.213	W	10	G	4.0		1.1	17	NORTHERN MID-ATLANTIC RIDGE
24	19	44	34.6	34.348	N	37.249	W	10	G	4.4		0.9	24	NORTHERN MID-ATLANTIC RIDGE
24	20	25	54.0?	9.92	N	126.14	E	33	N	4.2		0.9	12	MINDANAO, PHILIPPINE ISLANDS
24	20	26	22.0*	7.654	S	129.366	E	150	G	4.2		1.0	10	BANDA SEA
24	20	50	35.6?	27.75	S	178.42	W	33	N	4.4		1.5	9	KERMADEC ISLANDS REGION
24	20	51	35.3*	35.465	N	77.890	E	33	N	3.6		0.9	9	EASTERN KASHMIR
24	21	36	36.7?	10.86	S	110.92	E	33	N			1.1	6	SOUTH OF JAWA, INDONESIA
24	21	44	57.2&	47.037	N	0.442	W	10	G			1.1	7	FRANCE. ML 2.2 (LDG).
24	21	58	20.1&	60.140	N	151.570	W	43					20	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
24	22	03	19.8?	31.97	S	69.61	W	160	G			0.4	10	SAN JUAN PROVINCE, ARGENTINA. MD 3.2 (SAN).
24	22	16	26.1	34.294	N	38.712	E	29	D	5.1	5.0	1.2	195	JORDAN - SYRIA REGION. Mw 5.5 (HRV). Felt in northern and central Israel. Also felt in Lebanon. Centroid, Moment Tensor (HRV): Centroid origin time 22:16:32.9; Lat 34.30 N; Lon 38.31 E; Dep 29.0 Fix; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=2.03, Plg=17, Azm=103; (N) Val=0.00, Plg=72, Azm=297; (P) Val=-2.03, Plg=4, Azm=194; Best double couple: Mo=2.0*10**17 Nm; NP1: Strike=240, Dip=75, Slip=9; NP2: Strike=147, Dip=81, Slip=165.
24	22	17	13.5	44.773	N	10.377	E	10	G			1.0	28	NORTHERN ITALY. ML 3.0 (LDG).
24	22	30	15.6&	37.505	N	118.760	W	6					22	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM). ML 3.0 (GS).
24	22	31	14.9	6.246	S	130.467	E	138	*	4.6		1.2	21	BANDA SEA
24	23	14	30.3	43.669	N	7.564	E	10	G			0.5	12	NEAR SOUTH COAST OF FRANCE. ML 2.2 (GEN), 2.0 (LDG).
24	23	15	27.0	41.403	N	22.749	E	10	G			0.8	10	NORTHWESTERN BALKAN REGION. ML 2.6 (SKO).
24	23	30	22.4	15.610	S	74.466	W	60	*	5.1		0.9	79	NEAR COAST OF PERU
24	23	47	00.2&	59.140	N	153.900	W	114					12	SOUTHERN ALASKA. <AEIC>.
25	01	02	38.4&	60.230	N	153.090	W	132					52	SOUTHERN ALASKA. <AEIC>.
25	01	06	30.2?	34.40	N	36.83	W	10	G			0.3	7	NORTHERN MID-ATLANTIC RIDGE
25	03	48	12.3	6.126	S	127.327	E	400	G	4.6		1.0	26	BANDA SEA
25	03	55	17.4*	45.721	N	148.786	E	129	?	3.8		1.2	17	KURIL ISLANDS
25	04	42	46.7&	62.080	N	151.090	W	83		2.5			56	CENTRAL ALASKA. <AEIC>.
25	06	09	26.9	36.653	N	5.385	W	10	G	3.3		1.1	23	STRAIT OF GIBRALTAR. mbLg 3.6 (MDD).
25	06	19	32.9	52.368	N	174.142	W	123	*	4.1		1.0	38	ANDREANOF ISLANDS, ALEUTIAN IS.
25	06	59	44.6*	60.451	S	19.943	W	10	G	5.0		1.3	21	SOUTHWESTERN ATLANTIC OCEAN. Mw 5.8 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 06:59:52.7; Lat 61.09 S; Lon 19.77 W; Dep 15.0 Fix; Half-duration 2.0 sec; Principal axes (scale 10**17 Nm): (T) Val=5.78, Plg=2, Azm=130; (N) Val=0.69, Plg=70, Azm=33; (P) Val=-6.47, Plg=20, Azm=221; Best double couple: Mo=6.1*10**17 Nm; NP1: Strike=264, Dip=74, Slip=-12; NP2: Strike=357, Dip=78, Slip=-164.
25	07	00	08.4	8.292	N	39.527	W	10	G	4.7		1.3	43	CENTRAL MID-ATLANTIC RIDGE
25	08	11	01.3?	17.55	S	173.04	W	33	N	4.7		0.8	10	TONGA ISLANDS
25	08	19	15.0*	35.631	N	140.960	E	10	G			0.4	5	NEAR EAST COAST OF HONSHU, JAPAN
25	08	41	28.7*	29.815	S	178.852	W	263	D	4.3		1.1	31	KERMADEC ISLANDS, NEW ZEALAND
25	08	45	01.4?	35.73	N	32.47	E	33	N			1.7	7	CYPRUS REGION

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25  09 12 35.2* 34.617 N   25.482 E  121 ?   3.8       1.2   18  CRETE
25  09 40 01.1& 44.002 N    6.796 E    5 G               0.3    6  FRANCE. ML 2.5 (LDG).
25  10 06 41.5  38.702 N  119.440 W    5 G               0.9   58  CALIFORNIA-NEVADA BORDER REGION. ML 3.4 (GS), 3.4 (BRK). MD
                                                                   3.4 (GM).
25  10 46 44.8* 33.883 N  137.158 E  354     3.9       1.2   23  NEAR S. COAST OF HONSHU, JAPAN
25  12 20 46.0* 26.975 S   26.797 E    5 G  4.7       1.1   16  REPUBLIC OF SOUTH AFRICA
25  12 27 15.5*  1.591 S  120.731 E   33 N  4.4       1.4   12  SULAWESI, INDONESIA
25  12 33 27.5  34.423 N   37.233 W   10 G  4.9 4.5   0.9   49  NORTHERN MID-ATLANTIC RIDGE
25  12 39 25.0  46.238 N    7.110 E    5 G               0.9   74  SWITZERLAND. ML 3.3 (LDG), 3.3 (STR), 3.2 (VIE).
25  12 45 31.2* 11.849 N   81.693 W   10 G  3.5       0.8    9  NORTH OF PANAMA. MD 4.1 (UPA).
25  13 18 31.4* 34.433 N   37.300 W   10 G  4.3       0.6   10  NORTHERN MID-ATLANTIC RIDGE
25  13 43 36.1*  7.201 S  154.905 E   33 N  4.4       1.2   20  SOLOMON ISLANDS
25  15 02 32.2* 42.293 N   48.083 E   33 N  3.5       1.1   22  CASPIAN SEA
25  15 30 11.6* 34.325 N  141.622 E   33 N               0.6    7  OFF EAST COAST OF HONSHU, JAPAN
25  15 42 06.2? 41.27  N  141.08  E  111 ?             0.5    5  HOKKAIDO, JAPAN  REGION
25  16 10 29.6& 36.804 N   72.262 E  100 G               0.7   10  AFGHANISTAN-TAJIKISTAN BORD REG.
25  16 18 58.7? 23.07  S  171.63  E   33 N  4.6       1.5   23  LOYALTY ISLANDS REGION
25  17 29 59.5& 33.443 N  118.020 W    6 G              24.   SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
25  17 35 21.6  71.341 N    9.177 W   10 G  4.8 3.8   1.0  103  JAN MAYEN ISLAND REGION
25  17 45 55.8& 36.080 N  117.653 W    1                    54  CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.8 (PAS), 2.9
                                                                   (GS).
25  18 23 42.2* 26.877 S   26.580 E    5 G  4.3       1.4   21  REPUBLIC OF SOUTH AFRICA
25  19 07 50.6? 4.84   S  151.89  E   33 N  4.4       0.7    7  NEW BRITAIN REGION, P.N.G.
25  19 15 18.0* 35.421 N   77.864 E   33 N  3.6       1.2    9  EASTERN KASHMIR
25  19 22 29.7& 63.390 N  150.460 W   10                   83  CENTRAL ALASKA. <AEIC>. ML 3.8 (AEIC), 3.9 (PMR).
25  20 44 20.0? 37.70  N  140.25  E  140 *             0.2    6  EASTERN HONSHU, JAPAN
25  21 07 50.8? 12.40  N   86.45  W   33 N  3.8       1.7   10  NICARAGUA
25  21 28 58.7* 12.756 N   87.469 W  200 G  4.3       1.0   29  NEAR COAST OF NICARAGUA
25  21 52 17.0  24.215 N  122.250 E   38 D  4.8 4.5   1.3   40  TAIWAN REGION
25  21 54 36.4* 36.452 N   22.177 E   33 N  3.5       1.2   22  SOUTHERN GREECE
25  22 07 47.0  42.140 N    2.321 W   10 G               1.0    9  SPAIN. mbLg 2.8 (MDD). ML 2.7 (LDG).
25  22 24 58.1* 35.970 N  139.659 E   96 ?               1.4    8  NEAR S. COAST OF HONSHU, JAPAN
25  22 31 53.9*  6.397 S  150.452 E   84 *  4.1         0.7   15  NEW BRITAIN REGION, P.N.G.
25  22 45 02.6* 35.220 N   37.678 W   10 G               1.1   10  NORTHERN MID-ATLANTIC RIDGE
25  22 45 10.5* 34.477 N   37.060 W   10 G  3.7       0.6   15  NORTHERN MID-ATLANTIC RIDGE
25  22 57 59.8? 4.76   S  152.83  E   33 N  4.5       0.7    7  NEW BRITAIN REGION, P.N.G.
25  23 39 40.2? 37.37  N   72.31  E  218 ?  3.6       0.6   10  TAJIKISTAN
25  23 59 46.4& 34.411 S   70.458 W   10 G               0.4    9  CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
26  00 40 24.5  44.790 N   10.626 E   10 G               1.1   49  NORTHERN ITALY. ML 3.5 (VIE), 3.3 (LDG), 3.1 (FUR).
26  01 31 43.7*  3.773 N  126.405 E   33 N  4.6       1.2   31  TALAUD ISLANDS, INDONESIA
26  02 54 12.8  17.522 N   83.690 W   10 G  4.4       1.0   38  CARIBBEAN SEA
26  03 57 33.1& 45.620 N    0.345 W    5 G               1.2    8  FRANCE. ML 2.1 (LDG).
26  04 23 46.0? 21.16  S   68.63  W  143 ?             0.6    5  CHILE-BOLIVIA BORDER REGION
26  07 18 25.3& 59.730 N  152.050 W   58                   28  SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
26  08 32 56.9& 33.801 N  131.135 E   10 G               0.5    6  KYUSHU, JAPAN
26  09 17 25.2  30.882 N   51.276 E   33 N  4.7 3.7   0.8   76  NORTHERN IRAN. Felt in the Yasuj area.
26  10 23 36.9& 44.975 N    6.486 E    5 G               0.4    6  FRANCE. ML 1.8 (GEN).
26  10 47 20.9* 29.400 N   66.143 E   33 N               1.3    7  PAKISTAN. Felt at Nushki.
26  12 18 59.9? 55.97  S  147.30  E   10 G  4.5       1.0   13  WEST OF MACQUARIE ISLAND
26  13 27 29.5& 59.510 N  152.510 W   71    2.8              94  SOUTHERN ALASKA. <AEIC>.
26  13 46 50.3* 57.982 N  162.868 E   33 N  3.8       0.9   19  NEAR EAST COAST OF KAMCHATKA
26  13 51 07.2  31.901 N  132.087 E   33 N               0.5   10  SOUTHEAST OF SHIKOKU, JAPAN
26  15 06 49.2& 60.220 N  151.690 W   60                   35  KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
26  15 41 29.7& 34.320 N  135.710 E  100 G               0.3    9  NEAR S. COAST OF WESTERN HONSHU
26  16 07 39.8? 15.11  S  168.07  E   33 N  4.4       1.2    9  VANUATU ISLANDS
26  17 01 04.3  24.814 N  127.738 E   10 G  5.5 5.0   0.9  183  SOUTHEAST OF RYUKYU ISLANDS. Mw 5.2 (HRV).
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   17:01:07.5; Lat 24.65 N; Lon 127.73 E; Dep 29.8; Half-
                                                                   duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                   Val=7.05, Plg=7, Azm=146; (N) Val=0.33, Plg=0, Azm=56; (P)
                                                                   Val=-7.38, Plg=83, Azm=326; Best double couple:
                                                                   Mo=7.2*10**16 Nm; NP1: Strike=236, Dip=38, Slip=-90; NP2:
                                                                   Strike=56, Dip=52, Slip=-90.
26  17 31 49.7& 61.540 N  152.020 W   10                   79  SOUTHERN ALASKA. <AEIC>. ML 3.6 (AEIC).
26  18 44 18.2*  6.740 N   76.393 W   57 *  4.1         0.9   24  NORTHERN COLOMBIA
26  18 48 37.2& 33.192 N  132.360 E   33 N               0.9    7  SHIKOKU, JAPAN
26  19 32 02.4* 44.037 N  149.645 E   33 N  4.7       1.3   24  KURIL ISLANDS
26  19 33 48.6  44.399 N    7.351 E   10 G               0.9   50  NORTHERN ITALY. ML 3.4 (GEN), 3.2 (LDG).
26  19 34 11.5   5.360 S  151.357 E  107     5.3 5.5   0.9  203  NEW BRITAIN REGION, P.N.G. Mw 5.8 (GS), 5.8 (HRV).
                                                                  Broadband Source Parameters (GS): Dep 32.
                                                                  Moment Tensor (GS): Dep 38; Principal axes (scale 10**17
                                                                   Nm): (T) Val=6.45, Plg=68, Azm=29; (N) Val=-0.04, Plg=20,
                                                                   Azm=232; (P) Val=-6.41, Plg=8, Azm=139; Best double couple:
                                                                   Mo=6.4*10**17 Nm; NP1: Strike=207, Dip=41, Slip=59; NP2:
                                                                   Strike=66, Dip=56, Slip=115.
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   19:34:11.5; Lat 5.59 S; Lon 151.70 E; Dep 36.5; Half-
                                                                   duration 2.0 sec; Principal axes (scale 10**17 Nm): (T)
                                                                   Val=5.71, Plg=67, Azm=33; (N) Val=1.09, Plg=17, Azm=259;
                                                                   (P) Val=-6.80, Plg=16, Azm=164; Best double couple:
                                                                   Mo=6.2*10**17 Nm; NP1: Strike=231, Dip=33, Slip=58; NP2:
                                                                   Strike=88, Dip=63, Slip=109.
                                                                  Scalar Moment (PPT): Mo=3.9*10**17 Nm.
26  19 36 21.6? 44.38  N    7.36  E   10 G               0.3    4  NORTHERN ITALY. ML 1.5 (GEN).
26  19 38 40.1  44.368 N    7.316 E   10 G               0.4   18  NORTHERN ITALY. ML 2.4 (GEN), 2.0 (LDG).
26  19 40 12.1  44.384 N    7.372 E   10 G               0.3    5  NORTHERN ITALY. ML 1.8 (GEN).
26  19 58 50.8  44.381 N    7.315 E   10 G               0.6   17  NORTHERN ITALY. ML 2.2 (GEN), 1.8 (LDG).
26  20 48 23.2   2.236 S  138.938 E   33 N  6.0 6.1   1.0  220  IRIAN JAYA, INDONESIA. Mw 6.3 (GS), 6.2 (HRV). Me 6.2 (GS).
                                                                   Ms 6.0 (BRK).
                                                                  Broadband Source Parameters (GS): Dep 15; NP1: Strike=135,
                                                                   Dip=25, Slip=80; NP2: Strike=326, Dip=65, Slip=95; Radiated
                                                                   energy 4.0*10**13 Nm.
                                                                  Moment Tensor (GS): Dep 6; Principal axes (scale 10**18 Nm):
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													(T) Val=2.93, Plg=72, Azm=288; (N) Val=-0.02, Plg=11, Azm=161; (P) Val=-2.91, Plg=14, Azm=68; Best double couple: Mo=2.9*10**18 Nm; NP1: Strike=143, Dip=32, Slip=69; NP2: Strike=348, Dip=60, Slip=103.
													Centroid, Moment Tensor (HRV): Centroid origin time 20:48:26.9; Lat 2.04 S; Lon 139.23 E; Dep 15.0 Bdy; Half-duration 3.2 sec; Principal axes (scale 10**18 Nm): (T) Val=2.65, Plg=74, Azm=269; (N) Val=-0.09, Plg=9, Azm=148; (P) Val=-2.56, Plg=14, Azm=56; Best double couple: Mo=2.6*10**18 Nm; NP1: Strike=134, Dip=32, Slip=74; NP2: Strike=333, Dip=59, Slip=100.
													Scalar Moment (PPT): Mo=5.4*10**18 Nm.
26	21	32	12.4&	63.340	N	145.240	W	0				41	CENTRAL ALASKA. <AEIC>. ML 3.2 (AEIC).
26	21	39	59.7	2.230	S	138.874	E	33	N	4.9	1.1	45	IRIAN JAYA, INDONESIA
26	22	12	35.5	2.244	S	138.887	E	33	N	4.8	1.2	41	IRIAN JAYA, INDONESIA
26	22	48	42.1	4.047	S	128.027	E	10	G	5.0	1.2	37	BANDA SEA. Felt (III) at Ambon, Indonesia.
26	23	09	04.0*	4.091	S	128.371	E	10	G	4.2	1.1	15	BANDA SEA
26	23	15	50.5%	44.388	N	7.342	E	10	G		0.6	7	NORTHERN ITALY. ML 2.0 (GEN).
26	23	24	17.6%	34.084	S	70.332	W	10	G		0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
26	23	40	37.0*	34.302	N	36.945	W	10	G	4.0	0.7	16	NORTHERN MID-ATLANTIC RIDGE
26	23	56	02.8&	64.690	N	151.580	W	37				39	CENTRAL ALASKA. <AEIC>. ML 3.6 (AEIC), 3.6 (PMR).
26	23	58	28.2?	1.58	N	126.08	E	33	N	4.1	1.3	13	NORTHERN MOLUCCA SEA
26	23	58	49.3%	7.975	N	82.652	W	10	G		0.2	5	SOUTH OF PANAMA. MD 4.2 (UPA).
27	00	04	45.0?	6.53	S	130.92	E	45	?	4.2	1.3	13	BANDA SEA
27	00	26	25.0	56.680	N	151.964	W	33	N	4.9 4.6	0.8	126	KODIAK ISLAND REGION. ML 4.6 (PMR), 4.4 (AEIC).
27	00	44	39.9*	34.241	N	36.911	W	10	G	4.0	0.6	11	NORTHERN MID-ATLANTIC RIDGE
27	00	52	30.8%	44.376	N	7.318	E	10	G		0.7	8	NORTHERN ITALY. ML 2.1 (GEN).
27	01	09	16.7&	59.920	N	140.620	W	8				17	SOUTHEASTERN ALASKA. <AEIC>. ML 2.5 (AEIC).
27	01	14	21.4%	44.395	N	7.363	E	10	G		0.3	7	NORTHERN ITALY. ML 2.1 (GEN).
27	01	26	20.4%	44.388	N	7.331	E	10	G		0.6	6	NORTHERN ITALY. ML 1.6 (GEN).
27	01	52	24.6	44.356	N	7.310	E	10	G		0.6	16	NORTHERN ITALY. ML 2.0 (GEN), 1.7 (LDG).
27	02	06	53.8*	2.163	S	139.033	E	33	N	4.4	1.3	17	NEAR NORTH COAST OF IRIAN JAYA
27	02	09	58.1*	2.493	S	139.198	E	33	N		0.9	6	NEAR NORTH COAST OF IRIAN JAYA
27	02	11	27.9*	2.097	S	139.103	E	33	N		0.8	5	NEAR NORTH COAST OF IRIAN JAYA
27	02	18	48.9?	44.39	N	7.35	E	10	G		0.3	4	NORTHERN ITALY. ML 1.5 (GEN).
27	02	19	45.1*	2.105	S	139.145	E	33	N	4.1	1.5	11	NEAR NORTH COAST OF IRIAN JAYA
27	02	49	47.2	16.071	S	178.144	E	33	N	5.5 5.0	1.0	109	FIJI ISLANDS. Mw 5.5 (HRV), 5.4 (GS). Felt at Labasa.
													Moment Tensor (GS): Dep 32; Principal axes (scale 10**17 Nm): (T) Val=1.44, Plg=5, Azm=317; (N) Val=0.13, Plg=85, Azm=148; (P) Val=-1.57, Plg=1, Azm=47; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=92, Dip=86, Slip=3; NP2: Strike=2, Dip=87, Slip=176.
													Centroid, Moment Tensor (HRV): Centroid origin time 02:49:53.4; Lat 15.83 S; Lon 178.23 E; Dep 15.0 Fix; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.92, Plg=16, Azm=123; (N) Val=-0.17, Plg=63, Azm=358; (P) Val=-1.75, Plg=21, Azm=219; Best double couple: Mo=1.8*10**17 Nm; NP1: Strike=260, Dip=63, Slip=-3; NP2: Strike=352, Dip=87, Slip=-153.
													Scalar Moment (PPT): Mo=2.7*10**17 Nm.
27	03	21	14.5	36.652	N	4.634	W	70	G		0.9	38	STRAIT OF GIBRALTAR. MD 3.5 (MDD).
27	03	39	52.3*	2.256	S	139.046	E	33	N	4.1	1.7	12	NEAR NORTH COAST OF IRIAN JAYA
27	03	47	00.3?	17.44	S	178.72	W	500	G	4.3	0.6	11	FIJI ISLANDS REGION
27	04	10	39.9*	21.678	S	68.359	W	146	*	4.7	1.2	12	CHILE-BOLIVIA BORDER REGION
27	04	12	37.1	44.378	N	7.313	E	10	G		0.4	17	NORTHERN ITALY. ML 2.1 (GEN), 1.8 (LDG).
27	04	14	34.7	43.321	N	126.841	W	10	G	3.1	0.8	57	OFF COAST OF OREGON
27	04	33	26.4%	33.703	S	71.708	W	20	G		0.2	10	NEAR COAST OF CENTRAL CHILE. MD 3.1 (SAN).
27	05	15	49.7%	44.484	N	7.246	E	10	G		0.2	7	NORTHERN ITALY. ML 1.8 (GEN).
27	05	57	18.3?	5.64	S	149.19	E	33	N	4.1	1.1	7	NEW BRITAIN REGION, P.N.G.
27	06	27	10.9	34.252	N	36.960	W	10	G	5.0 4.6	0.7	96	NORTHERN MID-ATLANTIC RIDGE
27	06	53	38.7?	44.38	N	7.37	E	10	G		0.3	4	NORTHERN ITALY. ML 1.5 (GEN).
27	07	03	11.9*	62.059	N	124.234	W	10	G		0.8	6	NORTHWEST TERRITORIES, CANADA
27	07	14	19.3	46.012	N	6.290	E	5	G		1.3	24	SWITZERLAND. ML 2.7 (LDG).
27	07	14	54.8?	34.22	N	36.88	W	10	G		0.9	6	NORTHERN MID-ATLANTIC RIDGE
27	07	21	09.0%	44.491	N	7.296	E	10	G		0.4	8	NORTHERN ITALY. ML 1.9 (GEN).
27	07	29	35.0%	44.417	N	7.300	E	10	G		0.3	6	NORTHERN ITALY. ML 1.8 (GEN).
27	07	30	06.9*	2.380	S	139.178	E	33	N	4.0	1.0	9	NEAR NORTH COAST OF IRIAN JAYA
27	07	36	29.2*	3.240	S	139.780	E	33	N	4.4	1.3	6	IRIAN JAYA, INDONESIA
27	07	38	31.3%	36.542	N	139.366	E	10	G		0.9	5	EASTERN HONSHU, JAPAN
27	07	57	39.5?	34.54	S	70.36	W	5	G		0.3	8	CHILE-ARGENTINA BORDER REGION
27	08	22	33.1*	36.392	N	140.767	E	58	*		0.7	12	NEAR EAST COAST OF HONSHU, JAPAN
27	08	50	39.7*	42.200	N	84.016	E	33	N	4.3	1.1	23	NORTHERN XINJIANG, CHINA
27	10	10	40.4%	41.704	N	24.455	E	10	G		0.8	9	GREECE-BULGARIA BORDER REGION
27	11	05	59.0*	6.622	S	147.799	E	33	N	3.9	1.0	10	EASTERN NEW GUINEA REG., P.N.G.
27	11	18	32.4*	2.320	S	138.633	E	33	N	4.4	1.3	17	IRIAN JAYA, INDONESIA
27	11	19	48.3	2.184	S	138.956	E	33	N	5.4 5.2	0.9	117	IRIAN JAYA, INDONESIA. Mw 5.5 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 11:19:50.4; Lat 2.12 S; Lon 139.41 E; Dep 18.1; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.62, Plg=75, Azm=254; (N) Val=0.12, Plg=6, Azm=141; (P) Val=-1.74, Plg=14, Azm=50; Best double couple: Mo=1.7*10**17 Nm; NP1: Strike=131, Dip=32, Slip=78; NP2: Strike=325, Dip=59, Slip=97.
27	11	31	32.7*	1.782	S	138.828	E	33	N	4.1	0.9	7	NEAR NORTH COAST OF IRIAN JAYA
27	12	12	27.5*	51.740	N	176.675	E	33	N	3.5	0.6	6	RAT ISLANDS, ALEUTIAN ISLANDS
27	12	23	39.9*	17.508	S	178.559	W	494	?	4.5	0.9	35	FIJI ISLANDS REGION
27	12	40	14.3?	26.18	N	125.90	E	92	?		0.3	5	NORTHEAST OF TAIWAN
27	14	36	26.8*	1.385	N	124.369	E	267	?	4.5	1.0	21	MINAHASSA PENINSULA, SULAWESI
27	14	57	41.5	49.811	N	8.828	E	5	G		1.2	14	GERMANY. ML 3.0 (LDG), 2.7 (STR).
27	15	08	55.9	5.839	S	77.327	W	42	D	4.9	0.9	46	NORTHERN PERU
27	15	36	39.8*	70.852	N	13.483	W	10	G	3.6	0.7	6	JAN MAYEN ISLAND REGION
27	16	28	22.2*	29.806	S	151.235	E	10	G		1.8	5	NEW SOUTH WALES, AUSTRALIA
27	16	47	52.8%	44.385	N	7.337	E	10	G		0.4	6	NORTHERN ITALY. ML 1.9 (GEN).

27	16	55	03.9*	3.557	S	131.374	E	10	G	4.7	1.2	22	IRIAN JAYA REGION, INDONESIA
27	18	49	04.1*	29.026	S	13.166	W	10	G	4.5	1.3	13	SOUTHERN MID-ATLANTIC RIDGE
27	19	04	24.0	43.500	N	147.160	E	79	D		1.1	22	KURIL ISLANDS
27	19	12	55.2	2.225	S	138.963	E	33	N	5.0	1.0	63	IRIAN JAYA, INDONESIA
27	19	38	30.3	43.768	N	143.353	E	150	G	4.1	1.0	24	HOKKAIDO, JAPAN REGION
27	20	16	17.3&	61.050	N	146.410	W	19				58	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
27	21	18	47.9	44.380	N	7.318	E	10	G		0.4	15	NORTHERN ITALY. ML 2.1 (GEN), 1.9 (LDG).
27	21	23	11.3%	44.371	N	7.333	E	10	G		0.2	5	NORTHERN ITALY. ML 1.6 (GEN).
27	21	33	24.8	37.230	N	20.533	E	43		4.2	1.4	76	IONIAN SEA. MD 4.2 (ATH).
27	21	54	18.3?	44.37	N	7.33	E	10	G		0.2	4	NORTHERN ITALY. ML 1.5 (GEN).
27	21	56	27.2?	23.33	S	115.14	W	10	G	3.7	1.2	8	SOUTHERN EAST PACIFIC RISE
27	21	57	09.2%	46.020	N	2.850	E	10	G		1.1	14	FRANCE. ML 2.4 (LDG).
27	23	01	15.1*	39.383	N	70.113	E	33	N		1.6	10	TAJIKISTAN
27	23	25	19.0&	59.540	N	152.630	W	14		3.8		88	SOUTHERN ALASKA. <AEIC>. ML 3.7 (AEIC), 3.8 (PMR). Felt (III) at Homer.
27	23	46	03.0%	46.010	N	2.857	E	10	G		0.8	12	FRANCE. ML 1.9 (LDG).
27	23	47	02.5%	27.556	N	125.080	E	33	N		0.4	6	NORTHEAST OF TAIWAN
28	00	02	42.9%	42.843	N	7.154	W	10	G		0.3	5	SPAIN. mbLg 3.1 (MDD). Felt (II) in the Sarria-Becerrea area.
28	00	06	35.8%	42.861	N	7.038	W	10	G		0.6	5	SPAIN. mbLg 2.8 (MDD). Felt (II) in the Sarria-Becerrea area.
28	00	30	03.3*	2.380	N	124.021	E	300	G	4.8	1.0	11	CELEBES SEA
28	00	52	49.2?	12.22	S	166.89	E	100	G		1.2	9	SANTA CRUZ ISLANDS
28	01	31	02.2	45.887	N	5.978	E	5	G		1.2	17	FRANCE. ML 2.4 (LDG).
28	02	11	55.6?	17.78	N	100.96	W	50	G	3.4	1.2	7	GUERRERO, MEXICO
28	03	55	00.3*	46.255	N	150.800	E	33	N	4.5	1.2	32	KURIL ISLANDS
28	06	05	12.1*	55.257	N	162.486	E	33	N	4.2	0.9	12	NEAR EAST COAST OF KAMCHATKA
28	06	21	34.9	51.586	N	178.593	W	33	N	4.6	1.0	60	ANDREANOF ISLANDS, ALEUTIAN IS.
28	06	45	16.6*	1.109	S	100.493	E	120	D	4.3	0.9	15	SOUTHERN SUMATERA, INDONESIA
28	06	55	32.9*	13.406	S	166.826	E	53	D	4.7	1.1	33	VANUATU ISLANDS
28	07	30	35.7	37.224	N	3.693	W	10	G	3.5	1.3	60	SPAIN. mbLg 4.1 (MDD). Felt (V) in the Chimeneas area.
28	07	40	34.0	42.949	N	78.081	E	33	N	4.7	0.9	46	LAKE ISSYK-KUL REGION. Felt (IV) at Ananyevo and (II) at Bishkek, Kyrgyzstan. Felt (III) at Almaty, Kazakhstan.
28	10	20	53.8*	34.627	N	36.936	W	10	G	4.0	0.8	16	NORTHERN MID-ATLANTIC RIDGE
28	10	54	21.2%	44.385	N	7.336	E	10	G		0.4	11	NORTHERN ITALY. ML 2.3 (GEN).
28	11	20	40.7*	14.976	N	120.053	E	33	N	4.6	1.3	15	LUZON, PHILIPPINE ISLANDS
28	11	35	02.7	37.855	N	113.166	W	5	G		0.9	9	UTAH. ML 3.2 (GS).
28	12	12	26.6%	44.374	N	7.338	E	10	G		0.3	8	NORTHERN ITALY. ML 2.1 (GEN).
28	13	45	10.0*	19.490	S	177.821	E	33	N	4.7	1.1	39	SOUTH OF FIJI ISLANDS
28	13	55	01.9*	19.353	S	177.668	E	33	N	4.9	0.9	37	SOUTH OF FIJI ISLANDS
28	14	04	09.9&	65.524	N	148.347	W	14				17	NORTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
28	14	32	05.3*	33.269	N	141.132	E	33	N	4.5	0.6	8	OFF EAST COAST OF HONSHU, JAPAN
28	14	52	23.5?	31.81	S	70.87	W	100	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
28	16	22	07.4	14.877	S	75.648	W	35	*	4.8	1.1	48	NEAR COAST OF PERU
28	17	32	54.7?	8.46	S	157.50	E	33	N		1.3	9	SOLOMON ISLANDS
28	17	33	53.6?	17.43	N	100.18	W	150	G	3.9	1.6	8	GUERRERO, MEXICO
28	17	40	05.0?	14.69	N	91.32	W	100	G	3.8	1.2	7	GUATEMALA
28	17	44	32.8*	6.459	S	154.889	E	33	N	4.1	0.9	13	SOLOMON ISLANDS
28	17	50	15.0*	12.442	N	47.887	E	10	G	4.1	1.1	16	EASTERN GULF OF ADEN
28	18	00	46.2*	0.149	S	125.025	E	75	*	4.5	1.0	19	SOUTHERN MOLUCCA SEA
28	18	20	49.1*	18.019	S	178.535	W	650	G	4.6	1.1	46	FIJI ISLANDS REGION
28	18	23	56.1&	60.080	N	153.430	W	157		2.6		76	SOUTHERN ALASKA. <AEIC>.
28	18	49	09.7	18.990	N	145.432	E	237	D	4.2	1.0	45	MARIANA ISLANDS
28	19	06	04.0?	6.58	S	146.52	E	110	*		0.9	8	EASTERN NEW GUINEA REG., P.N.G.
28	20	28	07.7&	62.700	N	150.720	W	83				75	CENTRAL ALASKA. <AEIC>.
28	21	08	05.7	24.112	N	122.418	E	33	N	4.4	0.9	33	TAIWAN REGION
28	22	06	47.7&	37.039	N	121.485	W	7				69	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.0 (BRK).
28	22	41	20.2&	33.761	N	116.891	W	13				38	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 4.0 (GS). Felt in the Hemet area and as far as Indio.
28	22	46	50.5*	15.876	S	179.003	W	33	N	4.5	0.8	27	FIJI ISLANDS REGION
28	23	30	24.0*	58.703	S	25.998	W	100	G	4.3	0.9	24	SOUTH SANDWICH ISLANDS REGION
29	00	05	29.2?	6.36	S	128.28	E	300	G	4.5	1.2	10	BANDA SEA
29	00	39	10.7	44.067	N	147.596	E	61	*	4.7	1.0	80	KURIL ISLANDS
29	00	42	33.9	26.473	S	63.487	W	573		3.8	0.5	21	SANTIAGO DEL ESTERO PROV., ARG.
29	01	57	11.1%	37.208	N	72.534	E	250	G		0.7	8	TAJIKISTAN
29	02	05	28.1*	34.192	N	37.025	W	10	G	3.8	0.9	14	NORTHERN MID-ATLANTIC RIDGE
29	03	22	23.4?	33.11	S	179.13	W	100	G	4.7	1.2	15	SOUTH OF KERMADEC ISLANDS
29	03	42	16.9*	51.170	N	130.286	W	10	G	3.4	1.1	27	QUEEN CHARLOTTE ISLANDS REGION
29	03	43	28.3	6.884	S	131.066	E	31		5.8 5.3	0.9	178	TANIMBAR ISLANDS REG., INDONESIA. Mw 5.8 (GS), 5.8 (HRV). Felt (III) at Saumlaki. Broadband Source Parameters (GS): Dep 36. Moment Tensor (GS): Dep 41; Principal axes (scale 10**17 Nm): (T) Val=5.62, Plg=41, Azm=294; (N) Val=0.10, Plg=44, Azm=148; (P) Val=-5.72, Plg=18, Azm=40; Best double couple: Mo=5.7*10**17 Nm; NP1: Strike=86, Dip=47, Slip=20; NP2: Strike=342, Dip=75, Slip=135. Centroid, Moment Tensor (HRV): Centroid origin time 03:43:32.9; Lat 6.98 S; Lon 131.28 E; Dep 66.2; Half-duration 2.0 sec; Principal axes (scale 10**17 Nm): (T) Val=5.74, Plg=49, Azm=296; (N) Val=0.17, Plg=41, Azm=119; (P) Val=-5.92, Plg=1, Azm=27; Best double couple: Mo=5.8*10**17 Nm; NP1: Strike=84, Dip=57, Slip=38; NP2: Strike=330, Dip=59, Slip=140.
29	04	45	21.4	22.176	S	179.651	W	600	G	4.9	0.9	79	SOUTH OF FIJI ISLANDS
29	05	59	03.6%	34.647	N	138.505	E	33	N		1.2	6	NEAR S. COAST OF HONSHU, JAPAN
29	06	12	32.3%	44.383	N	7.352	E	10	G		0.2	6	NORTHERN ITALY. ML 1.8 (GEN).
29	06	15	20.5%	44.333	N	7.286	E	15	G		0.5	6	NORTHERN ITALY. ML 1.7 (GEN).
29	07	51	50.0%	44.388	N	7.380	E	10	G		0.1	5	NORTHERN ITALY. ML 1.8 (GEN).
29	07	54	49.7&	59.600	N	152.850	W	105				76	SOUTHERN ALASKA. <AEIC>.
29	09	33	00.1*	12.684	N	125.125	E	33	N	4.8	0.8	23	SAMAR, PHILIPPINE ISLANDS
29	10	16	23.7*	37.135	N	71.727	E	139	?		0.6	9	AFGHANISTAN-TAJIKISTAN BORD REG.
29	10	18	40.9	43.994	N	7.565	E	10	G		1.1	85	NEAR SOUTH COAST OF FRANCE. ML 3.6 (STR), 3.5 (LDG), 2.9 (GEN).
29	10	40	07.7	55.936	N	152.186	W	33	N	2.9	0.9	54	SOUTH OF ALASKA. ML 3.3 (AEIC).
29	10	57	19.1*	34.758	N	70.762	E	50	G	4.3	1.4	15	AFGHANISTAN

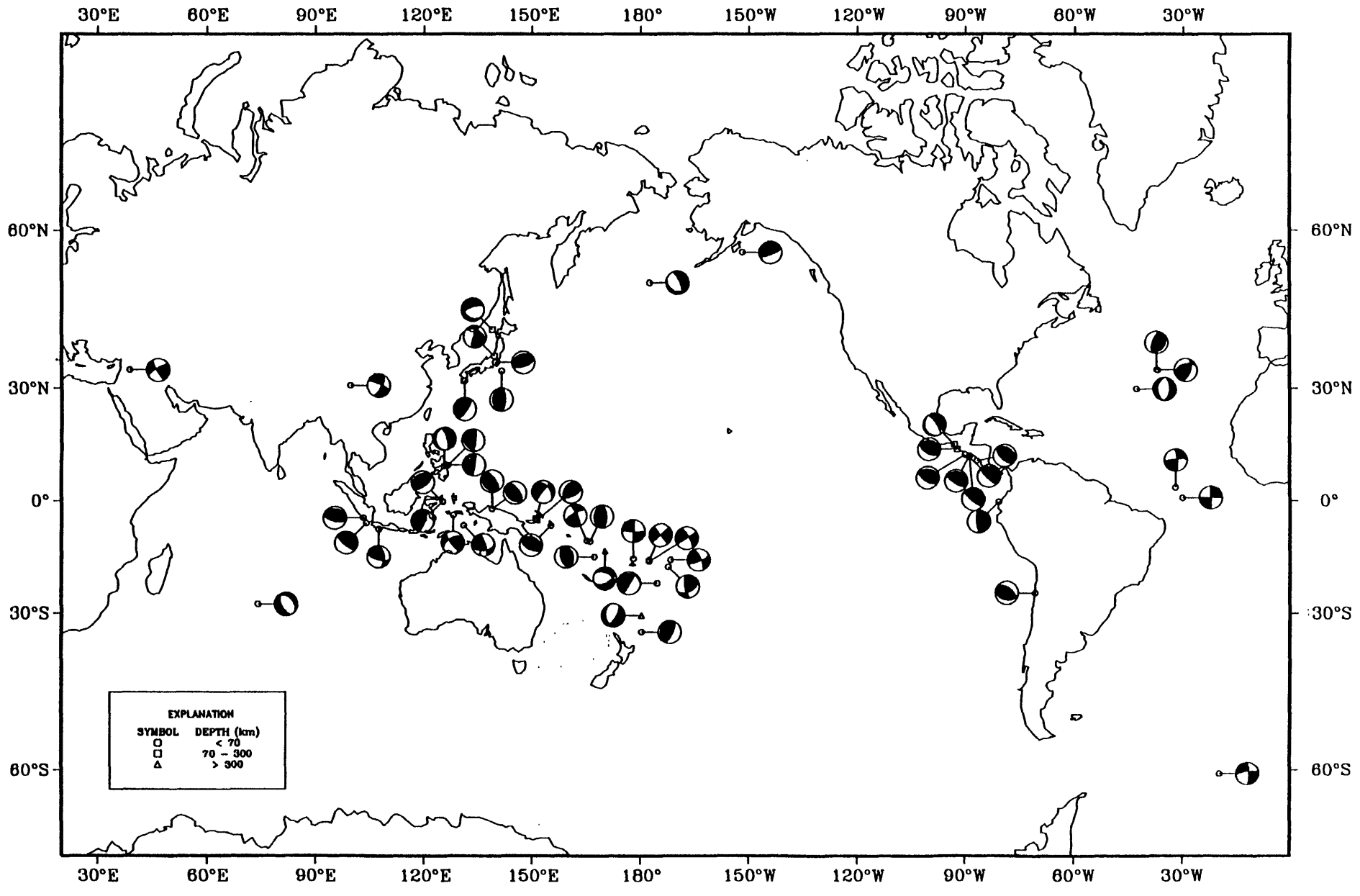
29	11	11	25.3?	57.65	S	24.59	W	50	G			1.2	6	SOUTH SANDWICH ISLANDS REGION
29	11	28	48.9*	6.396	S	145.692	E	100	G	4.5		1.3	10	NEW GUINEA, PAPUA NEW GUINEA
29	11	46	20.4?	17.79	S	178.82	W	600	G	4.5		0.7	12	FIJI ISLANDS REGION
29	12	40	54.1	28.591	S	64.144	W	31	D	4.4		1.1	33	SANTIAGO DEL ESTERO PROV., ARG.
29	13	22	15.8*	43.894	N	153.055	E	33	N	3.7		1.5	14	NORTH PACIFIC OCEAN
29	14	13	59.1*	36.861	N	136.556	E	200	G			0.6	6	NEAR WEST COAST OF HONSHU, JAPAN
29	14	26	30.0	36.519	N	71.284	E	250	G	3.9		0.9	23	AFGHANISTAN-TAJIKISTAN BORD REG.
29	15	57	17.7?	32.48	S	71.73	W	10	G			0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
29	17	07	12.8?	30.27	S	179.23	W	100	G			0.8	9	KERMADEC ISLANDS REGION
29	18	03	45.8*	40.324	N	63.277	E	33	N	3.4		0.9	11	NORTHWESTERN UZBEKISTAN
29	18	41	06.6*	33.556	N	141.489	E	33	N			0.7	9	OFF EAST COAST OF HONSHU, JAPAN
29	18	42	38.3%	34.357	N	37.211	W	10	G			0.6	6	NORTHERN MID-ATLANTIC RIDGE
29	18	45	09.0*	55.463	S	29.704	W	50	G	4.7		1.0	32	SOUTH SANDWICH ISLANDS REGION
29	18	50	48.5	34.361	N	37.238	W	10	G	4.4		0.8	29	NORTHERN MID-ATLANTIC RIDGE
29	18	58	01.0?	17.21	S	68.67	W	200	G	3.8		1.1	9	CENTRAL BOLIVIA
29	19	08	11.0*	55.092	N	162.139	E	33	N	4.0		1.3	14	NEAR EAST COAST OF KAMCHATKA
29	19	17	21.7?	31.71	S	69.93	W	150	G			0.3	10	SAN JUAN PROVINCE, ARGENTINA. MD 3.7 (SAN).
29	20	03	22.0?	49.16	N	148.01	E	250	G			1.2	7	NORTHWEST OF KURIL ISLANDS
29	20	49	23.5	10.194	S	161.136	E	53	D	4.9		1.0	41	SOLOMON ISLANDS. Mw 5.2 (HRV).
														Centroid, Moment Tensor (HRV): Centroid origin time 20:49:23.8; Lat 10.40 S; Lon 161.07 E; Dep 52.4; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.13, Plg=52, Azm=141; (N) Val=-1.73, Plg=34, Azm=290; (P) Val=-5.40, Plg=15, Azm=31; Best double couple: Mo=6.3*10**16 Nm; NP1: Strike=158, Dip=42, Slip=146; NP2: Strike=275, Dip=68, Slip=53.
29	21	06	28.2&	60.000	N	152.743	W	94		2.7			62	SOUTHERN ALASKA. <AEIC>.
29	21	51	32.7*	29.528	N	81.671	E	33	N	4.0		1.1	14	NEPAL
29	21	52	08.9	11.642	N	93.523	E	33	N	4.5		0.5	17	ANDAMAN ISLANDS, INDIA
29	21	55	18.6?	20.03	N	143.93	E	33	N	4.2		0.2	8	MARIANA ISLANDS REGION
29	23	10	20.3?	48.88	N	156.00	E	51	D	4.0		1.4	10	EAST OF KURIL ISLANDS
29	23	16	33.7&	62.830	N	148.770	W	66					60	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.0 (PMR).
29	23	29	03.6?	34.44	N	36.82	W	10	G	3.7		1.1	8	NORTHERN MID-ATLANTIC RIDGE
30	00	20	24.3?	17.55	S	178.65	W	550	G	3.4		0.4	8	FIJI ISLANDS REGION
30	00	27	04.6	51.545	N	176.228	W	41	D	4.2		1.1	30	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.3 (PMR).
30	02	54	54.6&	66.810	N	147.310	W	37					16	NORTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
30	03	03	37.9*	39.362	N	9.819	W	10	G			0.6	16	PORTUGAL. mbLg 3.3 (MDD).
30	03	36	26.6%	30.685	N	131.379	E	33	N			0.5	6	KYUSHU, JAPAN
30	04	39	13.7*	13.299	N	125.589	E	38	D	4.6		1.2	15	PHILIPPINE ISLANDS REGION
30	05	40	12.1%	44.375	N	7.342	E	10	G			0.2	6	NORTHERN ITALY. ML 1.9 (GEN).
30	06	34	43.6?	18.63	N	66.69	W	70	G			0.3	7	PUERTO RICO REGION. MD 3.2 (MPR).
30	06	35	53.0?	12.57	N	141.70	E	28	D	3.4		0.4	5	SOUTH OF MARIANA ISLANDS
30	06	49	15.6%	44.381	N	7.333	E	10	G			0.5	6	NORTHERN ITALY. ML 1.8 (GEN).
30	06	55	33.0?	18.60	S	169.39	E	200	G	4.7		1.0	11	VANUATU ISLANDS
30	08	42	26.8*	37.321	N	20.623	E	33	N	4.3		1.3	23	IONIAN SEA
30	09	59	43.4*	17.331	S	178.933	W	550	G	5.1		1.0	34	FIJI ISLANDS REGION
30	10	01	29.5*	36.172	N	139.868	E	86	*	3.7		1.1	6	EASTERN HONSHU, JAPAN
30	10	19	01.9*	44.437	N	149.885	E	33	N	3.7		1.3	13	KURIL ISLANDS
30	11	08	18.9	27.435	N	86.638	E	33	N	5.0	4.4	1.1	105	NEPAL
30	11	22	37.7	44.639	N	6.683	E	5	G			0.4	28	FRANCE. ML 2.6 (GEN), 2.4 (LDG).
30	11	37	10.2*	23.368	S	67.825	W	150	G			0.5	6	CHILE-ARGENTINA BORDER REGION
30	12	26	33.2&	62.200	N	149.360	W	48					50	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
30	12	52	30.7?	6.69	N	124.90	E	33	N			1.0	5	MINDANAO, PHILIPPINE ISLANDS
30	13	31	34.4%	44.732	N	6.712	E	10	G			0.3	7	FRANCE. ML 1.9 (GEN).
30	13	57	15.1*	6.715	S	71.984	E	10	G	4.7		0.9	15	CHAGOS ARCHIPELAGO REGION
30	14	03	34.5*	16.853	S	173.736	W	33	N	4.5		1.1	24	TONGA ISLANDS
30	14	43	09.1*	7.097	S	129.097	E	163	*	4.4		1.4	21	BANDA SEA
30	15	16	29.5*	27.239	N	86.505	E	33	N	3.6		1.1	8	NEPAL
30	19	06	11.3	11.329	S	166.182	E	52	D	5.2		1.1	91	SANTA CRUZ ISLANDS. Mw 5.4 (HRV).
														Centroid, Moment Tensor (HRV): Centroid origin time 19:06:13.0; Lat 11.59 S; Lon 166.06 E; Dep 61.9; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.35, Plg=76, Azm=251; (N) Val=-0.05, Plg=5, Azm=0; (P) Val=-1.30, Plg=13, Azm=91; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=187, Dip=33, Slip=98; NP2: Strike=357, Dip=58, Slip=85.
30	19	40	53.1?	51.36	N	176.80	W	50	G	3.2		1.3	5	ANDREANOF ISLANDS, ALEUTIAN IS.
30	19	41	52.0	3.993	S	128.105	E	33	N	6.0	5.9	0.9	195	SERAM, INDONESIA. Mw 6.0 (GS), 6.0 (HRV). Me 6.2 (GS).
														Broadband Source Parameters (GS): Dep 15; NP1: Strike=240, Dip=55, Slip=15; NP2: Strike=141, Dip=78, Slip=144; Radiated energy 4.7*10**13 Nm.
														Moment Tensor (GS): Dep 25; Principal axes (scale 10**18 Nm): (T) Val=1.26, Plg=2, Azm=279; (N) Val=0.13, Plg=80, Azm=21; (P) Val=-1.40, Plg=10, Azm=189; Best double couple: Mo=1.3*10**18 Nm; NP1: Strike=325, Dip=82, Slip=-174; NP2: Strike=234, Dip=84, Slip=-9.
														Centroid, Moment Tensor (HRV): Centroid origin time 19:41:55.4; Lat 3.98 S; Lon 128.03 E; Dep 17.0; Half-duration 2.5 sec; Principal axes (scale 10**18 Nm): (T) Val=1.10, Plg=3, Azm=95; (N) Val=0.33, Plg=65, Azm=358; (P) Val=-1.43, Plg=25, Azm=186; Best double couple: Mo=1.3*10**18 Nm; NP1: Strike=228, Dip=71, Slip=-16; NP2: Strike=323, Dip=75, Slip=-160.
														Scalar Moment (PPT): Mo=3.4*10**18 Nm.
30	19	54	04.1?	4.24	S	128.10	E	50	G	4.0		1.1	10	BANDA SEA
30	20	43	14.5%	33.071	S	71.250	W	50	G			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 2.8 (SAN).
30	21	18	16.4?	34.72	S	70.80	W	100	G			0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
30	21	22	41.3?	4.26	S	128.20	E	100	G	3.5		0.6	7	BANDA SEA
30	21	27	01.0?	3.63	S	135.91	E	33	N	4.5		1.4	10	IRIAN JAYA REGION, INDONESIA
30	21	45	40.8*	21.597	N	143.155	E	323	*	3.9		1.0	28	MARIANA ISLANDS REGION
30	22	50	29.7%	32.677	S	70.537	W	10	G			0.6	8	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
30	23	06	40.0*	28.724	N	130.191	E	33	N	3.8		1.3	20	RYUKYU ISLANDS
30	23	14	09.2*	17.274	N	146.150	E	111	D	4.7		1.0	23	MARIANA ISLANDS

30	23	21	48.8&	61.790	N	154.300	W	3				70	SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.7 (PMR).
30	23	29	30.0%	18.143	N	66.954	W	20	G		0.4	7	PUERTO RICO REGION. MD 3.1 (MPR).
30	23	38	48.8?	4.49	S	127.54	E	33	N	4.1	1.5	9	BANDA SEA
30	23	51	41.6&	36.875	N	121.608	W	8				32	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.9 (GS).
31	00	03	15.9*	20.351	S	177.688	W	500	G	4.6	1.0	22	FIJI ISLANDS REGION
31	00	23	54.7*	4.127	S	128.282	E	10	G	4.5	1.3	18	BANDA SEA
31	00	47	39.5?	31.78	S	69.83	W	150	G		0.4	10	SAN JUAN PROVINCE, ARGENTINA. MD 3.4 (SAN).
31	01	21	41.2?	51.47	N	177.06	W	10	G		0.5	5	ANDREANOF ISLANDS, ALEUTIAN IS.
31	01	41	54.8&	33.618	N	117.277	W	13				23	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS). ML 3.1 (GS).
31	01	50	15.7&	65.170	N	148.680	W	5				27	NORTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.1 (PMR).
31	03	05	13.4?	34.38	S	179.61	W	33	N	4.9	1.3	24	SOUTH OF KERMADEC ISLANDS. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 03:05:17.8; Lat 34.49 S; Lon 178.71 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=0.92, Plg=66, Azm=303; (N) Val=0.19, Plg=4, Azm=203; (P) Val=-1.11, Plg=24, Azm=111; Best double couple: Mo=1.0*10**17 Nm; NP1: Strike=192, Dip=22, Slip=78; NP2: Strike=25, Dip=69, Slip=95.
31	03	12	20.0?	35.45	S	179.81	W	33	N	4.4	1.0	12	EAST OF NORTH ISLAND, N.Z.
31	03	28	11.5?	1.13	S	80.64	W	50	G	3.7	1.1	8	NEAR COAST OF ECUADOR
31	04	16	40.7%	33.712	N	131.104	E	33	N		0.8	5	KYUSHU, JAPAN
31	04	55	44.4	4.036	S	128.079	E	33	N	4.8	1.3	37	BANDA SEA
31	05	21	15.2*	1.910	N	128.614	E	33	N	4.6	0.8	21	HALMAHERA, INDONESIA
31	06	15	53.0*	11.541	S	115.482	E	33	N	4.8	1.1	5	SOUTH OF BALI, INDONESIA
31	06	30	21.6*	22.684	N	143.258	E	100	G	4.3	1.4	22	VOLCANO ISLANDS REGION
31	06	32	51.0?	34.45	S	179.27	W	33	N	3.9	0.7	8	SOUTH OF KERMADEC ISLANDS
31	06	39	50.4*	9.670	N	126.381	E	33	N	4.7	1.2	33	MINDANAO, PHILIPPINE ISLANDS
31	07	03	35.3?	2.10	N	128.07	E	150	G		0.7	5	HALMAHERA, INDONESIA
31	07	17	34.1&	60.260	N	152.450	W	100				57	SOUTHERN ALASKA. <AEIC>.
31	07	19	08.2	44.953	N	7.391	E	10	G		0.9	14	NORTHERN ITALY. ML 2.2 (GEN), 2.1 (LDG).
31	07	28	53.9%	33.748	N	131.087	E	33	N		0.8	5	KYUSHU, JAPAN
31	07	40	52.9*	56.222	S	25.731	W	33	N	4.3	1.1	17	SOUTH SANDWICH ISLANDS REGION
31	07	57	54.9%	44.741	N	6.661	E	10	G		0.4	5	FRANCE. ML 1.8 (GEN).
31	08	44	04.8	6.900	S	155.304	E	33	N	5.4 5.6	1.1	153	SOLOMON ISLANDS. Mw 5.7 (GS), 5.7 (HRV). Broadband Source Parameters (GS): Dep 24. Moment Tensor (GS): Dep 26; Principal axes (scale 10**17 Nm): (T) Val=3.44, Plg=77, Azm=40; (N) Val=-0.04, Plg=3, Azm=297; (P) Val=-3.39, Plg=13, Azm=206; Best double couple: Mo=3.4*10**17 Nm; NP1: Strike=292, Dip=32, Slip=84; NP2: Strike=119, Dip=58, Slip=94. Centroid, Moment Tensor (HRV): Centroid origin time 08:44:09.0; Lat 7.22 S; Lon 155.44 E; Dep 31.5; Half-duration 1.9 sec; Principal axes (scale 10**17 Nm): (T) Val=4.73, Plg=69, Azm=1; (N) Val=-0.05, Plg=9, Azm=116; (P) Val=-4.67, Plg=19, Azm=210; Best double couple: Mo=4.7*10**17 Nm; NP1: Strike=314, Dip=28, Slip=110; NP2: Strike=112, Dip=64, Slip=80.
31	08	52	37.0?	6.18	S	155.67	E	33	N	3.7	1.5	7	SOLOMON ISLANDS
31	09	25	44.9*	1.265	S	80.843	W	33	N	3.8	1.3	18	NEAR COAST OF ECUADOR
31	10	11	41.9*	36.246	N	140.153	E	83			0.5	9	NEAR EAST COAST OF HONSHU, JAPAN
31	10	42	28.9?	11.59	N	86.18	W	33	N	4.2	1.2	16	NEAR COAST OF NICARAGUA
31	10	56	26.1?	20.30	S	179.28	W	600	G	4.4	0.8	14	FIJI ISLANDS REGION
31	11	48	46.6*	52.399	N	170.659	W	75	?		1.4	13	FOX ISLANDS, ALEUTIAN ISLANDS
31	12	14	52.7	38.526	N	72.056	E	100	G	4.5	0.8	44	TAJIKISTAN
31	12	41	42.2	15.830	N	92.971	W	100	D	5.4	0.9	278	MEXICO-GUATEMALA BORDER REGION. Mw 6.4 (HRV), 6.3 (GS). Felt in Chiapas and at Mexico City, Mexico. Moment Tensor (GS): Dep 94; Principal axes (scale 10**18 Nm): (T) Val=3.69, Plg=31, Azm=57; (N) Val=0.00, Plg=1, Azm=326; (P) Val=-3.69, Plg=59, Azm=233; Best double couple: Mo=3.7*10**18 Nm; NP1: Strike=152, Dip=15, Slip=-84; NP2: Strike=325, Dip=76, Slip=-92. Centroid, Moment Tensor (HRV): Centroid origin time 12:41:45.9; Lat 15.83 N; Lon 93.18 W; Dep 81.6; Half-duration 3.8 sec; Principal axes (scale 10**18 Nm): (T) Val=4.26, Plg=23, Azm=44; (N) Val=-0.53, Plg=2, Azm=313; (P) Val=-3.74, Plg=66, Azm=219; Best double couple: Mo=4.0*10**18 Nm; NP1: Strike=137, Dip=22, Slip=-85; NP2: Strike=312, Dip=68, Slip=-92. Scalar Moment (PPT): Mo=5.0*10**18 Nm.
31	12	50	16.7?	33.77	S	179.38	W	100	G	4.8	1.0	7	SOUTH OF KERMADEC ISLANDS
31	13	49	36.3	21.677	N	143.045	E	318	*	4.1	1.2	43	MARIANA ISLANDS REGION
31	14	06	21.9	34.299	N	37.103	W	10	G	4.2	0.7	24	NORTHERN MID-ATLANTIC RIDGE
31	14	27	14.0?	6.35	S	151.28	E	35	D	4.1	1.3	8	NEW BRITAIN REGION, P.N.G.
31	14	27	18.8*	12.122	N	41.784	E	10	G	3.7	0.8	9	ETHIOPIA
31	14	31	48.1%	43.298	N	127.509	W	10	G		0.5	42	OFF COAST OF OREGON
31	15	04	24.4?	18.07	S	123.24	E	10	G		1.4	7	WESTERN AUSTRALIA
31	15	14	36.5	6.859	S	126.911	E	400	G	5.0	0.9	78	BANDA SEA
31	15	15	57.9&	58.900	N	152.290	W	53				75	KODIAK ISLAND REGION. <AEIC>. ML 3.3 (AEIC), 3.7 (PMR).
31	15	58	04.2*	24.733	N	127.632	E	43	D	4.1	0.8	14	SOUTHEAST OF RYUKYU ISLANDS
31	16	04	55.9*	30.491	N	131.176	E	70	*		1.5	12	KYUSHU, JAPAN
31	16	07	52.6*	54.355	N	163.253	E	33	N		0.8	16	OFF EAST COAST OF KAMCHATKA
31	16	11	50.4*	66.657	N	13.543	E	10	G		0.5	7	NORTHERN NORWAY
31	16	21	07.1	6.764	N	73.069	W	160	D	4.0	1.4	26	NORTHERN COLOMBIA
31	16	42	00.8&	65.520	N	148.620	W	9				48	NORTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.5 (PMR).
31	16	53	57.1	45.101	N	7.366	E	10	G		1.1	11	NORTHERN ITALY. ML 2.1 (GEN), 1.9 (LDG).
31	17	19	27.9&	60.470	N	151.600	W	60				72	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC).
31	17	44	47.1%	40.423	N	8.384	W	10	G		0.6	7	PORTUGAL. mbLg 3.5 (MDD).
31	18	17	35.3*	4.515	S	135.923	E	33	N	4.3	1.5	14	IRIAN JAYA REGION, INDONESIA
31	18	29	38.7	44.677	N	10.575	E	10	G		0.6	22	NORTHERN ITALY. ML 2.7 (LDG).
31	19	16	54.0*	34.594	N	23.738	E	33	N	3.4	1.4	16	CRETE
31	19	30	02.6	40.456	N	143.570	E	33	N	4.8	1.1	36	OFF EAST COAST OF HONSHU, JAPAN
31	20	16	29.9*	7.101	S	129.184	E	33	N	4.6	1.3	18	BANDA SEA
31	20	25	35.2	36.302	N	120.410	W	10	G		0.8	9	CENTRAL CALIFORNIA. ML 2.8 (GS).

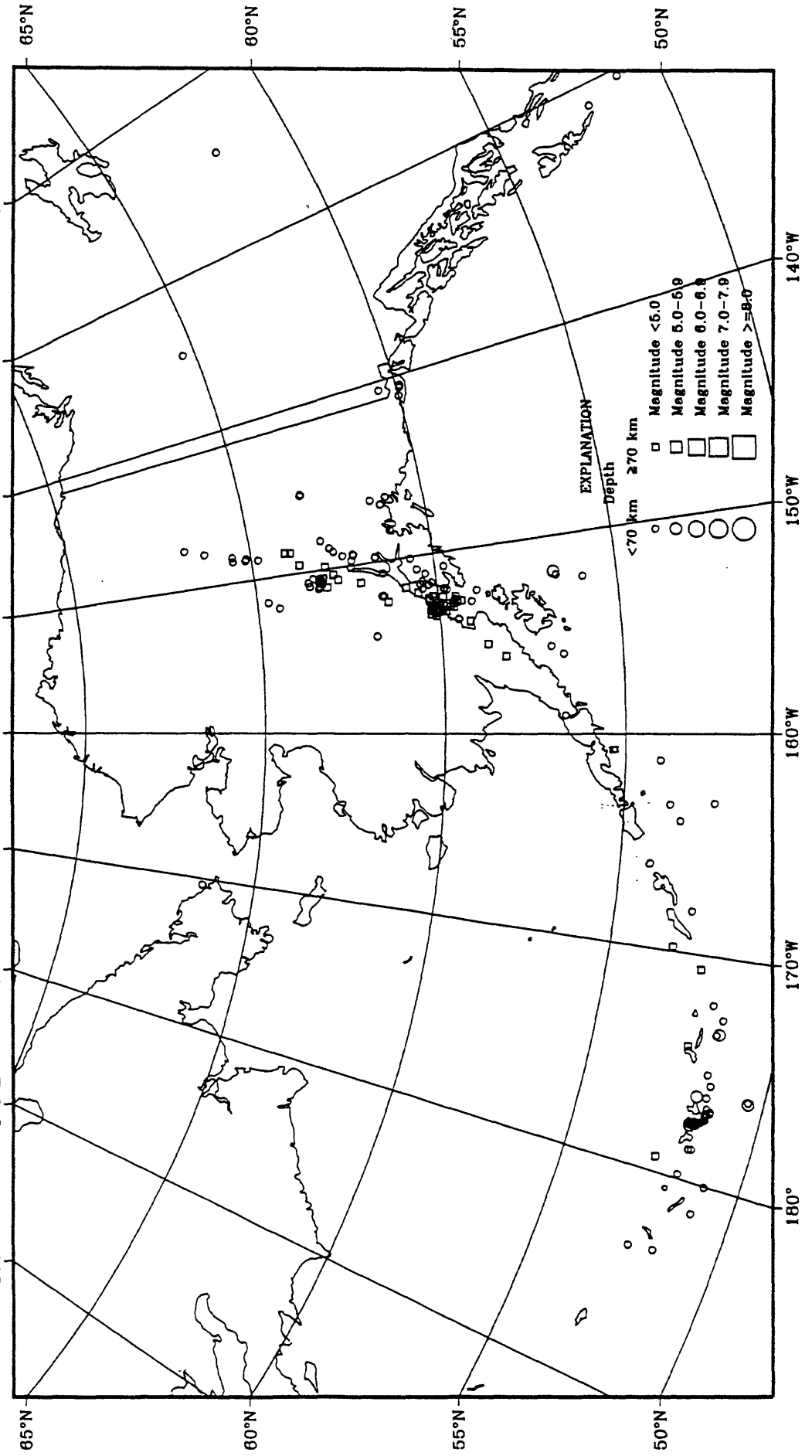
31	22	37	17.1?	14.13	S	166.44	E	33	N		1.2	12	VANUATU ISLANDS
31	23	17	41.6*	28.042	N	55.380	E	33	N	3.8	1.1	15	SOUTHERN IRAN
31	23	31	16.1*	34.499	N	32.391	E	33	N	3.9	1.3	16	CYPRUS REGION
31	23	39	25.9	53.415	N	142.726	E	33	N	4.8	0.9	36	SAKHALIN ISLAND
31	23	49	34.1%	44.162	N	7.789	E	10	G		0.4	6	NORTHERN ITALY. ML 1.7 (GEN).
31	23	53	33.1*	27.998	N	143.467	E	33	N	4.3	1.4	23	BONIN ISLANDS REGION
31	23	57	40.7	34.385	N	37.205	W	10	G	5.2 4.9	0.8	112	NORTHERN MID-ATLANTIC RIDGE

Compiled by Pamela J. Benfield, Don L. Blakeman, George L. Choy, Stuart K. Koyanagi, John H. Minsch, Waverly J. Person, Stuart A. Sipkin and Madeleine D. Zirbes.

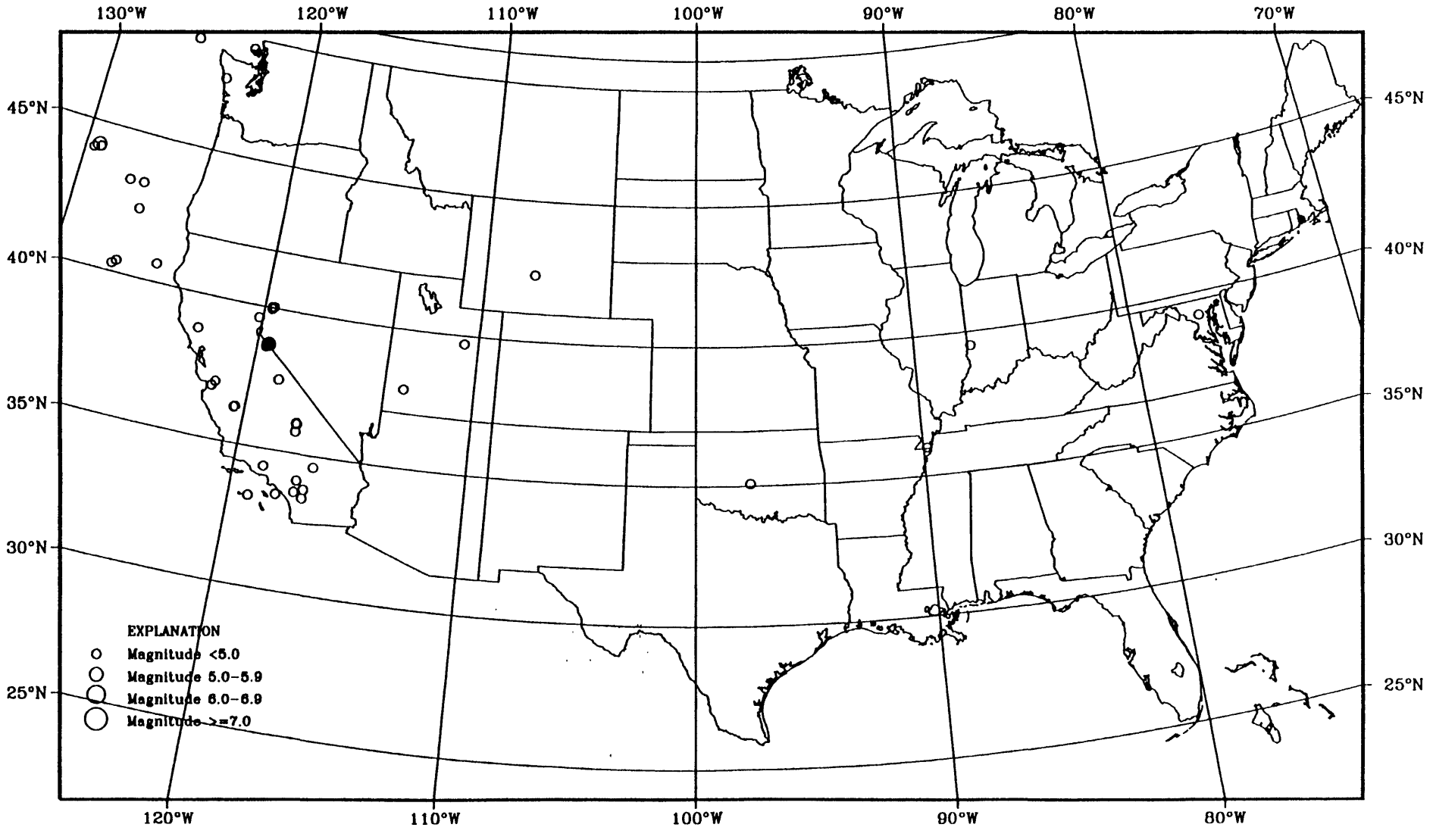
Earthquake Focal Mechanisms for December 1996



Earthquake epicenters in Alaska and adjacent regions for December 1996



Earthquake epicenters in the conterminous United States and adjacent regions for December 1996



Earthquakes located worldwide in December 1996